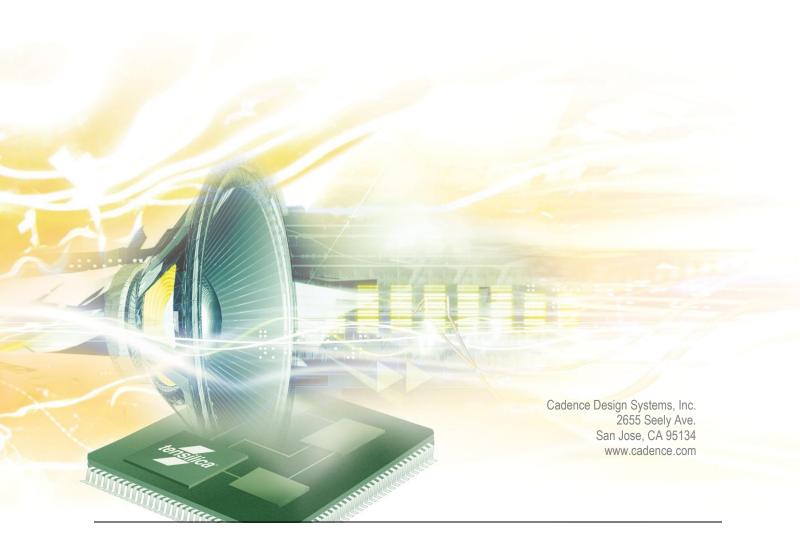


Fusion G3 Neural Network Library

Test report





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Document Change History

Version	Changes
1.0	Initial version
	Updated test report with sub, div, slice, permute, mean, exp kernels.
1.1	Updated Accuracy error section for sub, div, slice, permute, mean, exp kernels. As more testcases added, the resultant accuracy got changed.
	Added API tests
	Added test results for clamp, sigmoid, sqrt, rsqrt, tanh, lt, where, transpose kernels.
	Updated test results for newly added kernels related to sub.
1.2	Updated accuracy error section for mean, sub kernels. As more testcases added, the resultant accuracy got changed.
	Added API tests for sub, clamp, sigmoid, sqrt, rsqrt, tanh, lt, where, transpose kernels.



1.Introduction

The Fusion G3 Neural Network (NN) Library is an optimized implementation of various low-level NN kernels. The low-level NN kernels are the basic building blocks for operators and networks in neural network frameworks with a generic and simple interface.

The Fusion G3 NN Library package includes the source code containing low-level kernel implementations. The current version of the library implements activation, basic operation, normalization and reorg functions as low-level kernels.

This document details the tests performed on Fusion G3 NN library kernels.

Note	This version of the library supports Fusion G3 DSPs with the SP-VFPU (Single Precision Vector Floating Point Unit).
Note	This version of the Fusion G3 NN Library is tested with the xt-clang/xt-clang++ compilers using Xtensa Software Tools from RI-2022.10 release.



2. Fusion G3 NN Library tests

The details of the tests performed on the FusionG3 NN library and Executorch operators are provided in the next sections.

The following table provides details of the library version, core information and build target used for producing the performance data.

Library Name

Library Version

1.2

Library API Version

1.2

Core Name

FusionG3

RI-2022.10

Build Target

FusionG3

Release

Table 2-1 Details of Setup Used for tests

2.1 Accuracy tests

Executorch on x86 platform is used as reference to verify accuracy of Fusion G3 NN library. The kernels are divided into 2 categories – single precision float kernels and integer kernels. For validating kernels with single precision float, ULP (Unit of Least Precision) error is used as metric. For validating kernels with integer data types, bit error (how many LSBs have error) is used as metric.

The following sections show the results in the form of tables. The first row specifies the different input ranges used for verification of the kernel. The next rows specify the maximum bit error observed in the case of kernels with integer datatypes or maximum ULP error in the case of kernels with single precision floating point.

2.1.1 Kernels with integer datatypes

Addition - 32-bit

Input range	[-2^31, 2^31)	[0, 2^31)	[-2^31, 0]	[0, 65535]	[-2^15, 2^15)	[0, 255]	[-128, 127]
Max error (bits)	0	0	0	0	0	0	0



■ Multiplication - 32-bit

Input range	[-2^31, 2^31)	[0, 2^31)	[-2^31, 0]	[-1, 1]	[-2^15, 2^15)	[0, 255]	[-128, 127]
Max error (bits)	0	0	0	0	0	0	0

Quantization - 4-bit, 8-bit, 16-bit

Input range	[-2^31, 2^31)	[-2^15, 2^15)	[-2^7, 2^7)	[-1, 1]	[-2^15, 1]	[1, 2^15)	[-100, 100]
Max error (bits)	0	0	0	0	0	0	0

Note: Kernel with 4-bit output is verified by enabling (unpacking) and disabling (packing) "ENABLE_4BIT_PACK" macro. By default, the macro will be disabled and unpacked implementation will be used for quantization.

Division - 32-bit

Input range	[-2^31, 2^31)	[0, 2^31)	[-2^31, 0]	[-1, 1]	[-2^15, 2^15)	[0, 255]	[-128, 127]
Max error (bits)	1	3	1	1	1	1	1

Out_ref	Out_dut	Max number of bits
36698100	36698104	3



■ Subtraction - 32-bit

Input range	[-2^31, 2^31)	[0, 2^31)	[-2^31, 0]	[-1, 1]	[-2^15, 2^15)	[0, 255]	[-128, 127]
Max error (bits)	0	0	0	0	0	0	0

■ Concatenation - 8-bit, 16-bit, 32-bit

Input range	8-bit Signed	8-bit Unsigned	16-bit Signed	16-bit Unsigned	32-bit Signed	32-bit Unsigned
	[-2^7, 2^7-1]	[0, 2^8)	[-2^15, 2^15)	[0, 2^16)	[-2^31, 2^31)	[0, 2^32)
Max error (bits)	0	0	0	0	0	0

■ Transpose - 8-bit, 16-bit, 32-bit

Input range	8-bit Signed	8-bit Unsigned	16-bit Signed	16-bit Unsigned	32-bit Signed	32-bit Unsigned
	[-2^7, 2^7-1]	[0, 2^8)	[-2^15, 2^15)	[0, 2^16)	[-2^31, 2^31)	[0, 2^32)
Max error (bits)	0	0	0	0	0	0

■ **Permute** - 8-bit, 16-bit, 32-bit

Input range	8-bit Signed	8-bit Unsigned	16-bit Signed	16-bit Unsigned	32-bit Signed	32-bit Unsigned
	[-2^7, 2^7-1]	[0, 2^8)	[-2^15, 2^15)	[0, 2^16)	[-2^31, 2^31)	[0, 2^32)
Max error (bits)	0	0	0	0	0	0



■ Slice_copy - 8-bit, 16-bit, 32-bit

Input range	8-bit Signed	8-bit Unsigned	it Unsigned 16-bit Signed 16-bit Unsigned Unsigned		32-bit Signed	32-bit Unsigned
	[-2^7, 2^7-1]	[0, 2^8)	[-2^15, 2^15)	[0, 2^16)	[-2^31, 2^31)	[0, 2^32)
Max error (bits)	0	0	0	0	0	0

Clamp - 8-bit, 16-bit

Input range	8-bit Signed	8-bit Unsigned	16-bit Signed
	[-2^7, 2^7-1]	[0, 2^8)	[-2^15, 2^15)
Max error (bits)	0	0	0

2.1.2 Kernels with single precision float datatypes

Addition

Input range	[-2^31, 2^31)	[0, 2^31)	[-2^31, 0]	[0, 65535]	[-2^15, 2^15)	[0, 255]	[-1, 1]	[-128, 127]
Max ULP error	26	1	1	1	1	1	324194	σ

Out_ref	Out_dut	Ulp_error
0.0000004172325134277343750	0.0000004080183657606539782140	324194
29058432.0	29058484.0	26



271818624.0	271818688.0	26
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Reason for high ULP error - In ADD kernel, MULA (multiply and accumulate) is used to perform multiply and accumulate operation. Upon replacing the MULA instruction with separate MUL and ADD instructions, observed ULP error as mentioned in the below table. However, according to the FusionG3 instruction manual, the MULA instruction is designed to generate more precise output compared to using the individual MUL and ADD operations. This suggests that Executorch on x86 is generating lower precision results in these cases. These results are manually verified by using data that gave maximum ULP error, confirming this behavior. As a result, opting to retain the MULA instruction in the code.

Input range	[-2^31, 2^31)	[0, 2^31)	[-2^31, 0]	[0, 65535]	[-2^15, 2^15)	[0, 255]	[-1, 1]	[-128, 127]
Max ULP error	0	0	0	0	0	0	0	0

Multiplication

Input range	-2^31 to 2^31 -1	0 to 2^31 -1	-2^31 to 0	0 to 65535	-2^15 to 2^15 - 1	0 to 255	-128 to 127
Max ULP error	0	0	0	0	1	1	1

Subtraction

Input range	[-2^31, 2^31)	[0, 2^31)	[-2^31, 0]	[0, 65535]	[-2^15, 2^15)	[0, 255]	[-128, 127]	[-1, 1]
Max ULP error	6	22	66	1	1	50	7168	509771

Out_ref	Out_dut	Ulp_error
-104738432.0	-104738480.0	6



12570752.0	12570730.0	22
-1784256.0	-1784247.75	66
1.4210662841796875	1.4210722446441650391	50
0.001415252685546875	0.00141608715057373046875	7168
0.00000037211643189039	0.000000357627868652343	509771

In SUB kernel, MULS (multiply and accumulate) is used to perform multiply and accumulate operation. Upon replacing the MULS instruction with separate MUL and SUB instructions, observed ULP error as mentioned in the below table. However, according to the FusionG3 instruction manual, the MULS instruction is designed to generate more precise output compared to using the individual MUL and SUB operations. This suggests that Executorch on x86 is generating lower precision results in these cases. These results are manually verified by using data that gave maximum ULP error, confirming this behavior. As a result, opting to retain the MULS instruction in the code.

Input range	[-2^31, 2^31)	[0, 2^31)	[-2^31, 0]	[0, 65535]	[-2^15, 2^15)	[0, 255]	[-128, 127]
Max ULP error	0	0	0	0	0	0	0

Division

Input range	[-2^31, 2^31)	[0, 2^31)	[-2^31, 0]	[-1, 1]	[-2^15, 2^15)	[0, 255]	[-128, 127]
Max ULP error	1	3	1	0	0	0	1

Out_ref	Out_dut	Ulp_error
42884152	42884156	3



Tanh

Input range	[-5, 5]	[-1, 1]	[0, 5]	[-5, 0]	[-2^31, 2^31)	[0, 2^31)	[-2^31, 0]	[-2^15, 2^15)
Max ULP error	1	1	1	1	0	0	0	0

Sigmoid

Input range	[-5, 5]	[-1, 1]	[0, 5]	[-5, 0]	[-2^31, 2^31)	[0, 2^31)	[-2^31, 0]	[-2^15, 2^15)
Max ULP error	3	2	3	1	0	0	0	0

Below are the reference and Fusion G3 kernel output values for the cases where maximum ULP error is observed.

Out_ref	Out_dut	Ulp_error
0.0309631917625665	0.0309631861746311	3
0.2318326979875564575	0.231832653284072876	3

■ **Dequantize** (4-bit, 8-bit, 32-bit)

Input range	[-2^31, 2^31)	[-2^15, 2^15)	[-2^7, 2^7)	[-1, 1]	[-2^15, 1]	[1, 2^15]	[-100, 100]
Max ULP error	0	0	0	0	0	0	0

Note: Kernel with 4-bit input is verified by enabling (packing) and disabling (unpacking) "ENABLE_4BIT_PACK" macro. By default, the macro will be disabled and unpacked implementation will be used for dequantization.



■ Sqrt – Square root

Input range	[0, 2^31)	[0, 2^15)	[0, 1]	[0, 255]	[2500, 500000]	[0, 272024]
Max ULP error	0	0	0	0	0	0

Rsqrt – Inverse square root

Input range	[0, 2^31)	[0, 2^15)	[0, 1]	[0, 255]	[2500, 500000]	[0, 272024]
Max ULP error	1	0	1	1	1	1

Exponent

Input range	[-2^7, 2^7)	[0, 103]	[-103, 0]	[-1, 1]	[-2^6, 2^6]	[-15, 15]	[-2^5, 2^5]
Max ULP error	1	1	1	1	1	1	1

Softmax

Input range	[-5, 5]	[-1, 1]	[0, 5]	[-5, 0]	[-2^31, 2^31)	[0, 2^31)	[2^31, 0]	[-2^15, 2^15)
Max ULP error	3	4	4	2	0	0	0	0

Out_ref	Out_dut	Ulp_error
0.1160366833209991455	0.1160367131233215332	4



0.00024101386952679604292	0.00024101382587105035782	3
0.0037646945565938949585	0.0037646952550858259201	4

Native layernorm

Input range / Max ULP error	[-2^31, 2^31)	[0, 2^31)	[-2^31, 0]	[-1, 1]	[-2^15, 2^15)	[0, 255]	[-1024, 0]
W: [-2^15, 2^15) B:[-1, 1]	2073	3960	847	67	1	754	13481
W: [-2^8, 2^8] B: [-2^6, 2^6]	1104	2347	31689	185	123	98	5373
W: (-1, 1) B: (-2^10, 2^10)	0	1	1	1	1610	1	1

Below table lists the reference and DUT values for each of the test cases where the maximum ULP error seen is more than 3.

For case 1:

Out_ref	Out_dut	Ulp_error
-0.058274686336517333984380	-0.058282408863306045532230	2073
6.29890298843383789060	6.29701471328735351560	3960
34.97669982910156250	34.9734687805175781250	847
99.78234863281250	99.781837463378906250	67
-13052.355468750	-13052.34863281250	7



-23874.964843750	-23874.9511718750	7
12.79699802398681640630	12.79771709442138671880	754
13.83341884613037109380	13.82056236267089843750	13481

For case 2:

Out_ref	Out_dut	Ulp_error
-0.085777282714843750	-0.08578550815582275390	1104
0.03700447082519531250	0.03701321408152580261230	2347
0.006672859191894531250	0.006687615532428026199340	31689
-0.934104919433593750	-0.93409389257431030270	185
0.653556823730468750	0.6535641551017761230	123
3.540779113769531250	3.54075574874877929690	98
0.456047058105468750	0.45588693022727966310	5373

For case 3:

Out_ref	Out_dut	Ulp_error
-0.785789489746093750	- 0.78569352626800537110	1610

Below table lists the ULP error when high precision Layer norm kernel is enabled. Please note that there will be a compromise on the performance in terms of cycles when high precision layer norm is enabled.



Input range/Max ULP error	[-2^31, 2^31)	[0, 2^31)	[-2^31, 0]	[-1, 1]	[-2^15, 2^15)	[0, 255]	[-1024, 0]
W: [-2^15, 2^15) B: [-1, 1]	0	0	0	0	0	0	0
W: [-2^8, 2^8] B: [-2^6, 2^6]	0	0	0	0	0	0	0
W: (-1, 1) B: (-2^10, 2^10)	0	0	0	0	0	0	0

Mean

Input range	[-2^31, 2^31)	[0, 2^31)	[-2^31, 0]	[-1, 1]	[-2^15, 2^15)	[0, 255]	[-128, 127]
Max error	2849	60	8	127	9341	14564	3578

Out_ref	Out_dut	Ulp_error
77434.4375	77456.6953125	2849
1070617280	1070613440	60
-1065344960	-1065345472	8
-0.00204977765679359436035	-0.0020497527439147233963	127
-17023.130859375	-17004.88671875	9341



-0.00066121417330577969551	-0.00065951875876635313034	14564
0.00378816970624029636383	0.0037873366381973028183	3578

The reason for the accuracy difference with respect to the reference is that, in the kernel implementation, to get higher performance, the order of accumulation is changed.

Where

Input range	[-2^31, 2^31)	[0, 2^31)	[-2^31, 0]	[-1, 1]	[-2^15, 2^15)	[0, 255]	[-128, 127]
Max error	0	0	0	0	0	0	0

Less than

Input range	[-2^31, 2^31)	[0, 2^31)	[-2^31, 0]	[-1, 1]	[-2^15, 2^15)	[0, 255]	[-128, 127]
Max error	0	0	0	0	0	0	0

Clamp

Input range	[-2^31, 2^31)	[0, 2^31)	[-2^31, 0]	[-1, 1]	[-2^15, 2^15)	[0, 255]	[-128, 127]
Max error	0	0	0	0	0	0	0

2.2 Unit tests

2.2.1 Functional tests

The table below lists parameters with which kernels are tested and ULP error or bit error is generated which is mentioned in the previous section. "Kernel name" column specifies the kernel name, "Parameters" column specifies the input shapes used for testing.

Kernel name	Parameters
	Inp1: 3, 2, 2, 1 Inp2: 3, 2, 2, 1
	Inp1: 7, 3, 1, 5
	Inp2: 7, 3, 1, 5
xa_nn_elm_add_32x32_32	Inp1: 10, 10, 5, 4, 4
	Inp2: 10, 10, 5, 4, 4
	Inp1: 8, 5, 10, 2, 10
	Inp2: 8, 5, 10, 2, 10
	Inp1: 7, 3, 5



Kernel name	Parameters
	Inp2: 7, 3, 5
	Inp1: 5, 3, 10
	Inp2: 5, 3, 10
	Inp1: 4, 4, 1
	Inp2: 1
	Inp1: 3, 10, 7
	Inp2: 1
	Inp1: 2, 6, 6, 7
	Inp2: 1
	Inp1: 8, 8, 7, 9
	Inp2: 1
xa_nn_elm_add_scalar_32x32_32	Inp1: 10, 7, 5, 10, 2
xaaaa_ooalal_ooxoo_oo	Inp2: 1
	Inp1: 4, 4, 10
	Inp2: 1
	Inp1: 1, 2, 8, 9
	Inp2: 1
	Inp1: 7, 7, 7, 7
	Inp2: 1
	Inp1: 3, 2, 8, 5
	Inp2: 1 Inp1: 3, 1, 3, 5
	Inp2: 3, 5, 3, 5
	Inp1: 15, 15, 1, 10, 13
	Inp2: 15, 1, 16, 10, 13
	Inp1: 1, 1, 11
	Inp2: 8, 8, 11
	Inp1: 10, 48, 12, 54, 17
	Inp2: 10, 1, 12, 54, 17
	Inp1: 65, 1
	inp2: 65, 43
	Inp1: 5, 14, 71, 11, 1
xa_nn_elm_add_broadcast_5D_32x32_32	Inp2: 5, 14, 71, 1, 23
	Inp1: 1, 160, 7, 7
	Inp2: 34, 160, 7, 7
	Inp1: 1, 1, 1, 1
	Inp2: 1, 1, 1, 1
	Inp1: 1, 1, 1, 1, 1 Inp2: 1, 2, 3, 2, 2
	Inp1: 3, 2, 3, 2, 2
	Inp1: 3, 2, 3, 2, 2
	Inp1: 3, 2, 1, 2, 1
	Inp2: 1, 2, 3, 2, 1
	Inp1: 3, 2, 2, 1, 1
	Inp2: 3, 2, 2, 1, 1



Kernel name	Parameters
	Inp1: 2, 3, 1, 1, 1
	Inp2: 2, 3, 1, 1, 1
	Inp1: 1, 3, 2, 3, 1
	Inp2: 1, 3, 2, 3, 1
	Inp1: 3, 8, 8, 2
-	Inp2: 3, 8, 8, 2
	Inp1: 2, 8, 8, 4
	Inp2: 2, 8, 8, 4 Inp1: 9, 10, 4
	Inp2: 9, 10, 4
	Inp1: 7, 8, 9, 6
	Inp2: 7, 8, 9, 6
	Inp1: 10, 8, 2, 6
	Inp2: 10, 8, 2, 6
	Inp1: 9, 7, 3, 8
xa_nn_elm_mul_32x32_32	Inp2: 9, 7, 3, 8
λασσ.2λσ2_σ2	Inp1: 4, 10, 2, 4
-	Inp2: 4, 10, 2, 4 Inp1: 7, 7, 9
	Inpl. 7, 7, 9 Inp2: 7, 7, 9
	Inp1: 6, 6, 4
	Inp2: 6, 6, 4
	Inp1: 7, 7, 8
	Inp2: 7, 7, 8
	Inp1: 9, 2, 4, 5
	Inp2: 9, 2, 4, 5
	Inp1: 17, 4, 8
	Inp2: 17, 4, 8
	Inp1: 3, 6 Inp2: 1
-	·
	Inp1: 1, 2, 7, 4
	Inp2: 1
	Inp1: 6, 5, 9, 4
	Inp2: 1
	Inp1: 10, 2, 9, 8
-	Inp2: 1
	Inp1: 10, 10, 7, 1, 10
	Inp2: 1
xa_nn_elm_mul_scalar_32x32_32	Inp1: 8, 1, 6, 2, 7
	Inp2: 1
	Inp1: 4, 8, 9
	Inp2: 1
	Inp1: 10, 3, 3
	Inp2: 1
	Inp1: 4, 7, 4
	Inp2: 1
	Inp1: 5, 7, 1, 9
	*
	Inp2: 1



Kernel name	Parameters
	Inp1: 7, 6, 9
	Inp2: 1
	Inp1: 13, 15, 1, 19
	Inp2: 13, 15, 65, 19
	Inp1: 15, 10, 5, 30, 18
	Inp2: 15, 1, 5, 30, 18
	Inp1: 18, 8, 14 Inp2: 18, 8, 1
	Inp1: 12, 35, 1, 17, 17
	Inp1: 12, 35, 17, 17
	Inp1: 8, 9, 15, 1
	Inp2: 8, 9, 15, 5
	Inp1: 1, 1, 1, 1, 1
	Inp2: 1, 21, 224, 224, 17
	Inp1: 1, 1, 1, 1
xa_nn_elm_mul_broadcast_5D_32x32_32	Inp2: 1, 1, 1, 1
xa_iii_eiii_iiiui_bioaucasi_5D_52x32_32	Inp1: 1, 1, 1, 1, 1
	Inp2: 1, 2, 3, 2, 2
	Inp1: 3, 2, 3, 2, 2
	Inp2: 1, 1, 1, 1, 1
	Inp1: 3, 2, 1, 2, 1
	Inp2: 1, 2, 3, 2, 1
	Inp1: 3, 2, 2, 1, 1 Inp2: 3, 2, 2, 1, 1
	Inp1: 2, 3, 1, 1, 1
	Inp2: 2, 3, 1, 1, 1
	Inp1: 3, 1, 3, 1, 1
	Inp2: 3, 1, 3, 1, 1
	Inp1: 1, 3, 2, 3, 1
	Inp2: 1, 3, 2, 3, 1
	Inp1: 1, 2, 4, 6
	Inp2: 1, 2, 4, 6
	Inp1: 6, 8, 8
	Inp2: 6, 8, 8 Inp1: 5, 4, 4, 7
	Inp1: 3, 4, 4, 7 Inp2: 5, 4, 4, 7
	Inp1: 3, 9, 6, 1, 10
	Inp2: 3, 9, 6, 1, 10
xa_nn_elm_add_f32xf32_f32	Inp1: 7, 3, 10
	Inp2: 7, 3, 10 Inp1: 9, 2, 6, 10, 3
	Inp1: 9, 2, 6, 10, 3 Inp2: 9, 2, 6, 10, 3
	Inp1: 10, 2, 6
	Inp2: 10, 2, 6
	Inp1: 7, 8, 4
	Inp2: 7, 8, 4
	Inp1: 4, 1, 6, 2, 9 Inp2: 4, 1, 6, 2, 9
	πιρζ. τ, Ι, υ, ζ, σ



Kernel name	Parameters
	Inp1: 7, 2, 2, 7, 10
	Inp2: 7, 2, 2, 7, 10
	Inp1: 2, 3, 4
<u> </u>	Inp2: 2, 3, 4
	Inp1: 2, 7, 2, 2 Inp2: 2, 7, 2, 2
	Inp1: 4, 1, 4, 9
	Inp2: 1
	Inp1: 6, 5, 10, 6
	Inp2: 1
	Inp1: 1, 10, 10, 6, 2
	Inp2: 1
	Inp1: 10, 6, 1, 9
xa_nn_elm_add_scalar_f32xf32_f32	Inp2: 1
	Inp1: 1, 4, 1, 10
	Inp2: 1
	Inp1: 8, 6, 7, 2, 9
	Inp2: 1
	Inp1: 6, 6, 6
	Inp2: 1
	Inp1: 32, 45
	Inp2: 32, 1
	Inp1: 87, 9, 15, 1
	Inp2: 87, 9, 15, 5
	Inp1: 92 13 3 19 28
	Inp2: 92 13 3 19 28
	Inp1: 18, 8, 14
	Inp2: 18, 8, 1
	Inp1: 15, 10, 5, 30, 18
	Inp2: 15, 1, 5, 30, 18
	Inp1: 13, 15, 1, 19
	Inp2: 13, 15, 65, 19
xa_nn_elm_add_broadcast_5D_f32xf32_f32	Inp1: 1, 1, 1, 1
<u> </u>	Inp2: 1, 1, 1, 1
	Inp1: 1, 1, 1, 1, 1 Inp2: 1, 2, 3, 2, 2
	Inp1: 3, 2, 3, 2, 2
	Inp1: 3, 2, 3, 2, 2 Inp2: 1, 1, 1, 1, 1
	Inp1: 3, 2, 1, 2, 1
	Inp2: 1, 2, 3, 2, 1
	Inp1: 3, 2, 2, 1, 1
	Inp2: 3, 2, 2, 1, 1
	Inp1: 2, 3, 1, 1, 1
	Inp2: 2, 3, 1, 1, 1
	Inp1: 3, 1, 3, 1, 1
	Inp2: 1, 3, 2, 3, 1



Kernel name	Parameters
	Inp1: 3, 5, 7, 9
	Inp2: 3, 5, 7, 9
	Inp1: 9, 9, 1, 10
	Inp2: 9, 9, 1, 10
	Inp1: 8, 1, 10, 6
	Inp2: 8, 1, 10, 6
	Inp1: 5, 6, 6, 6
	Inp2: 5, 6, 6, 6
	Inp1: 2, 7, 5, 8
	Inp2: 2, 7, 5, 8 Inp1: 8, 3, 2, 6
	Inp1: 6, 3, 2, 6 Inp2: 8, 3, 2, 6
xa_nn_elm_mul_f32xf32_f32	Inp1: 5, 9, 3
	Inp2: 5, 9, 3
	Inp1: 10, 7, 7
	Inp2: 10, 7, 7
	Inp1: 8, 12, 7
	Inp2: 8, 12, 7
	Inp1: 6, 9, 8
	Inp2: 6, 9, 8
	Inp1: 10, 9, 14, 1
	Inp2: 10, 9, 14, 1 Inp1: 7, 6, 2
	Inp1: 7, 6, 2 Inp2: 7, 6, 2
	Inp1: 6, 9, 2, 2
	·
-	Inp2: 1
	Inp1: 2, 1, 8
_	Inp2: 1
	Inp1: 2, 9, 3, 8
	Inp2: 1
	Inp1: 4, 5, 7, 2
vo no alm mul coolar (20)/(20, (20)	Inp2: 1
xa_nn_elm_mul_scalar_f32xf32_f32	Inp1: 5, 7, 5, 2
	Inp2: 1
	Inp1: 10, 6, 4, 8, 7
	Inp2: 1
	Inp1: 7, 9, 1
	Inp2: 1
	Inp1: 7, 4, 4, 10, 6
	Inp2: 1
xa_nn_elm_mul_broadcast_5D_f32xf32_f32	Inp1: 1, 160, 7, 7
	Inp2: 34, 160, 7, 7
	Inp1: 5, 4, 71, 11, 1
	Inp2: 5, 4, 71, 11, 23
	Inp1: 1, 64, 56, 45, 34
	Inp2: 1, 1, 1, 1
	Inp1: 65, 1
	Inp2: 65, 43



Kernel name	Parameters
	Inp1: 8, 8, 11
	Inp2: 1, 1, 11
	Inp1: 3, 1, 35
	Inp2: 3, 5, 35
	Inp1: 1, 1, 1, 1
	Inp2: 1, 1, 1, 1
	Inp1: 1, 1, 1, 1, 1 Inp2: 1, 2, 3, 2, 2
	Inp1: 3, 2, 3, 2, 2
	Inp2: 1, 1, 1, 1, 1
	Inp1: 3, 2, 1, 2, 1
	Inp2: 1, 2, 3, 2, 1
	Inp1: 3, 2, 2, 1, 1
	Inp2: 3, 2, 2, 1, 1
	Inp1: 2, 3, 1, 1, 1
	Inp2: 2, 3, 1, 1, 1
	Inp1: 3, 1, 3, 1, 1
	Inp2: 1, 3, 2, 3, 1
	Axis = 1
	Inp: 6, 6, 8, 4
	Axis = 2 Inp: 6, 10, 5, 5, 9
	Axis = 3
	Inp: 10, 5, 4, 6, 5
	Axis = 2
	Inp: 7, 7, 6, 4, 5
	Axis = 1
	Inp: 9, 8, 9, 7
	Axis = 4
	Inp: 4, 10, 10, 5, 5
	Axis = 3
	Inp: 9, 8, 4, 9, 8 Axis = 0
	Inp: 5, 9, 8, 4
xa_nn_vec_softmax_dim_f32_f32	Axis = 1
	Inp: 6, 10, 10, 7
	Axis = 0
	Inp: 1, 1, 1, 1
	Axis = 1
	Inp: 1, 1, 1, 1
	Axis = 2
	Inp: 1, 1, 1, 1
	Axis = 3
	Inp: 1, 1, 1, 1 Axis = 3
	Axis = 3 Inp: 3, 3, 1, 1
	Axis = 2
	Inp: 3, 3, 1, 1
	Axis = 0
	Inp: 3, 3, 1, 1



Kernel name	Parameters
	Axis = 0
	Inp: 4, 1, 1, 1
	Axis = 2
	Inp: 4, 1, 1, 1
	Axis = 3
	Inp: 4, 1, 1, 1
	Axis = 0
	Inp: 6, 1, 1
	Axis = 2
	Inp: 6, 1, 1
	Axis = 2
	Inp: 6, 1, 1
	Axis = 0
	Inp: 1
	Axis = 0
	Inp: 34
	Axis = 0
	Inp: 2, 1 Axis = 2
•	Inp: 4, 1, 2, 1
	Axis = 2
	Inp: 4, 1, 1, 2 Axis = 3
	Inp: 5, 7, 5, 8
	Axis: 2
	Inp: 10, 3, 10, 7
	Axis: 0
	Inp: 4, 6, 1, 8
	Axis:3
	Inp: 6, 9, 6, 6
	Axis: 1
-	Inp: 8, 7, 8, 1
	Axis: 1
	Inp: 2, 1, 2
	Axis: 4
	Inp: 3, 4, 8, 3, 4
xa_nn_layernorm_f32_f32	Axis: 0
	Inp: 4, 6, 8, 6, 2
	Axis: 2
	Inp: 8, 8, 4, 10
	·
	Axis: 3
	Inp: 4, 6, 2, 5
	Axis: 1
	Inp: 6, 7, 4, 6
	Axis: 2
	Inp: 8, 9, 7
	Axis: 0
	Inp: 5, 5, 6



Kernel name	Parameters
	Axis: 1
	Inp: 4, 4, 4
	Axis: 0
	Inp: 5, 1, 8, 7, 5
	Axis: 0
	Inp: 9, 3, 4
	Axis: 1
	Inp: 9, 7, 3
	Axis: 2
	Inp: 9, 2, 8, 2, 9
	Axis: 1
	Inp: 2, 6, 4, 9
	Axis: 1
	Inp: 6, 2, 2, 10
	Axis: 0
	Inp: 3, 2, 6, 9
	Axis: 4
	Inp: 3, 4, 8, 3, 4
	Inp1: 5, 4, 6
	Inp2: 5, 8, 6
	Inp3: 5, 2, 6
	Inp4: 5, 7, 6
	Axis: 1 Inp1:4, 5, 6, 7
	Inp 1.4, 5, 6, 7 Inp 2: 4, 5, 6, 3
	Inp3: 4, 5, 6, 1
	Inp4: 4, 5, 6, 2
	Axis: 3
	Inp1: 8, 8, 8
	Inp2: 8, 8, 7
	Axis: 2
	Inp1: 2, 3, 4, 8
va nn oat Signed 8 hit	Inp2: 2, 3, 4, 6 Axis: 3
xa_nn_cat – Signed 8-bit	Inp1: 2, 4, 3, 1, 8
	Inp2: 2, 4, 6, 1, 8
	Inp3: 2, 4, 7, 1, 8
	Axis: 2
	Inp1: 3, 7, 5, 2
	Inp2: 4, 7, 5, 2
	Inp3: 5, 7, 5, 2
	Inp4: 6, 7, 5, 2
	Axis: 0
	Inp1: 6, 5, 6 Inp2: 7, 5, 6
	Inp2: 7, 5, 6
	Axis: 0
	Inp1: 3, 6, 9
	Inp2: 3, 6, 12



Kernel name	Parameters
	Axis: 2
	Inp1: 5, 4, 3, 6
	Inp2: 5, 4, 3, 9
	Axis:3
	Inp1: 1, 1, 1, 1
	Inp2: 1, 1, 1, 1
	Inp3: 1, 1, 1, 1
	Axis: 0
	Inp1: 1, 1, 1, 1
	Inp2: 1, 1, 1, 1 Inp3: 1, 1, 1, 1
	Axis: 1
	Inp1: 1, 1, 1, 1
	Inp2: 1, 1, 1, 1
	Inp3: 1, 1, 1, 1
	Axis: 2
	Inp1: 1, 1, 1, 1
	Inp2: 1, 1, 1, 1
	Inp3: 1, 1, 1, 1
	Axis: 3
	Inp1: 1, 1, 1, 1
	Inp2: 2, 1, 1, 1 Inp3: 3, 1, 1, 1
	Axis: 0
	Inp1: 1, 1, 1, 1
	Inp2: 1, 2, 1, 1
	Inp3: 1, 3, 1, 1
	Axis: 1
	Inp1: 1, 1, 1, 1
	Inp2: 1, 1, 2, 1
	Inp3: 1, 1, 3, 1
	Axis: 2 Inp1: 1, 1, 1, 1
	Inp2: 1, 1, 1, 1
	Inp3: 1, 1, 1, 3
	Axis: 3
	Inp1: 1, 1, 1, 4
	Inp2: 1, 1, 1, 3
	Axis: 3
	Inp1: 2, 1, 3, 1
	Inp2: 2, 1, 3, 4
	Inp3: 2, 1, 3, 3
	Inp4: 2, 1, 3, 3
	Axis: 3 Inp1: 1, 3, 3, 1
	Inp2: 2, 3, 3, 1
	Inp3: 3, 3, 3, 1
	Axis: 0
	Inp1: 3, 3, 1, 1
	Inp2: 3, 3, 1, 2
	Inp3: 3, 3, 1, 3
	Axis: 3



Kernel name	Parameters
	Inp1: 6, 1, 1
	Inp2: 6, 1, 1
	Inp3: 6, 1, 1
	Axis: 2
	Inp1: 2, 1
	Inp2: 2, 3
	Axis: 1
	Inp1: 2, 1, 6
	Inp2: 2, 5, 6
	Inp3: 2, 6, 6
	Axis: 1
	Inp1: 1
	Inp2: 1
	Inp3: 1
	Axis: 0
	Inp1: 2, 1
	Inp2: 2, 1
	Inp3: 2, 3
	Axis:1
	Inp1: 2, 1, 6
	Inp2: 2, 5, 6
	Inp3: 2, 6, 6
	Axis: 1
	Inp1: 4, 3, 8, 1, 2
	Inp2: 4, 3, 7, 1, 2
	Inp3: 4, 3, 6, 1, 2
	Inp4: 4, 3, 5, 1, 2
	Axis: 2
	Inp1: 8, 5
	Inp2: 9, 5
	Inp3: 10, 5
	Axis: 0
	Inp1: 5, 4
	Inp2: 4, 4
	Inp3: 9, 4
	Axis: 0
xa_nn_cat – Signed 16-bit	Inp1: 1, 1, 1, 1
-	Inp2: 1, 1, 1, 1
	Inp3: 1, 1, 1, 1
	Axis: 0
	Inp1: 1, 1, 1, 1
	IIIP1. 1, 1, 1, 1 Inn2. 1 1 1 1
	Inp2: 1, 1, 1, 1
	Inp3: 1, 1, 1, 1
	Axis: 1
	Inp1: 1, 1, 1, 1
	Inp2: 1, 1, 1, 1
	Inp3: 1, 1, 1, 1
	Axis: 2
	Inp1: 1, 1, 1, 1
	Inp2: 1, 1, 1, 1



Inp3: 1, 1, 1, 1 Axis: 3 Inp1: 1, 1, 1 Inp2: 2, 1, 1, 1 Inp3: 3, 1, 1, 1 Axis: 0 Inp1: 1, 1, 1 Inp3: 1, 3, 1, 1 Inp3: 1, 3, 1, 1 Axis: 1 Inp1: 1, 1, 1 Inp2: 1, 1, 1, 1 Inp2: 1, 1, 1, 1 Inp2: 1, 1, 2 Inp3: 1, 1, 1, 3 Axis: 2 Inp1: 1, 1, 1 Inp2: 1, 1, 1, 1 Inp2: 1, 1, 1, 2 Inp3: 1, 1, 1, 3 Axis: 3 Inp1: 1, 1, 1, 4 Inp2: 1, 1, 1, 4 Inp2: 1, 1, 1, 3 Axis: 3 Inp1: 1, 2, 1, 1 Inp3: 1, 4, 1, 1 Axis: 1 Inp1: 2, 1, 3, 4 Inp1: 2, 1, 3, 4 Inp1: 2, 1, 3, 4 Inp1: 2, 1, 3, 3 Inp1: 1, 3, 3, 1 Inp2: 2, 3, 3, 1 Inp3: 3, 3, 1 Inp2: 6, 1, 1 Inp2: 6, 1, 1 Inp3: 6, 1, 1 Inp3: 6, 1, 1 Inp3: 6, 1, 1 Inp3: 2, 2, 5, 6 Inp3: 2, 6, 6 Axis: 1 Inp1: 2, 1, 6 Inp2: 2, 5, 6 Inp3: 2, 6, 6 Axis: 1 Inp1: 2, 1, 6 Inp2: 2, 5, 6 Inp3: 2, 6, 6 Axis: 1 Inp1: 1	Kernel name	Parameters
Axis: 3 Inp1: 1, 1, 1, 1 Inp2: 2, 1, 1, 1 Inp3: 3, 1, 1, 1 Axis: 0 Inp1: 1, 1, 1, 1 Inp2: 1, 2, 1, 1 Inp3: 1, 3, 1, 1 Axis: 1 Inp1: 1, 1, 1, 1 Inp2: 1, 1, 2, 1 Inp3: 1, 1, 3, 1 Axis: 2 Inp1: 1, 1, 1, 1 Inp2: 1, 1, 1, 1 Inp2: 1, 1, 1, 2 Inp3: 1, 1, 1, 1 Inp2: 1, 1, 1, 2 Inp3: 1, 1, 1, 1 Inp2: 1, 1, 1, 3 Axis: 3 Inp1: 1, 1, 1, 4 Inp2: 1, 3, 1, 1 Inp2: 1, 3, 1, 1 Inp3: 1, 3, 3, 1 Inp3: 2, 1, 3, 3 Inp1: 2, 1, 3, 1 Inp2: 2, 3, 3, 1 Inp3: 2, 3, 3, 1 Inp3: 3, 3, 3, 1 Inp3: 3, 3, 3, 1 Inp2: 3, 3, 1, 2 Inp3: 6, 1, 1 Inp2: 6, 1, 1 Inp2: 6, 1, 1 Inp2: 2, 3 Axis: 3 Inp1: 2, 1, 1 Inp2: 2, 3 Axis: 3 Inp1: 2, 1, 1 Inp2: 2, 3 Axis: 3 Inp1: 6, 1, 1 Inp2: 6, 1, 1 Inp2: 2, 3 Axis: 1 Inp1: 2, 1, 6 Inp2: 2, 5, 6 Inp3: 2, 5, 6		Inp3: 1, 1, 1, 1
Inp2: 2, 1, 1, 1 Inp3: 3, 1, 1 Axis: 0 Inp1: 1, 1, 1, 1 Inp2: 1, 2, 1, 1 Inp3: 1, 3, 1, 1 Axis: 1 Inp1: 1, 1, 1, 1 Inp2: 1, 1, 2, 1 Inp3: 1, 1, 3, 1 Axis: 2 Inp1: 1, 1, 1, 1 Inp2: 1, 1, 1, 2 Inp3: 1, 1, 1, 3 Axis: 3 Inp1: 1, 1, 1, 4 Inp2: 1, 1, 1, 3 Axis: 3 Inp1: 1, 2, 1, 1 Inp2: 1, 3, 1, 1 Inp2: 1, 3, 1, 1 Inp3: 1, 4, 1, 1 Axis: 1 Inp1: 2, 1, 3, 4 Inp1: 2, 1, 3, 4 Inp3: 2, 1, 3, 3 Inp1: 3, 3, 3 Inp1: 1, 3, 3, 1 Inp2: 2, 3, 3, 1 Inp3: 3, 3, 1, 3 Axis: 3 Inp1: 3, 3, 1, 1 Inp2: 3, 3, 1, 2 Inp3: 3, 3, 1, 3 Axis: 3 Inp1: 6, 1, 1 Inp2: 6, 1, 1 Inp2: 2, 3 Axis: 2 Inp1: 2, 1, 6 Inp2: 2, 5, 6 Inp3: 2, 6, 6 Axis: 1		
Inp3: 3, 1, 1, 1 Axis: 0 Inp1: 1, 1, 1, 1 Inp2: 1, 2, 1, 1 Inp3: 1, 3, 1, 1 Axis: 1 Inp1: 1, 1, 1, 1 Inp2: 1, 1, 2, 1 Inp3: 1, 1, 3, 1 Axis: 2 Inp1: 1, 1, 1, 1 Inp2: 1, 1, 1, 2 Inp3: 1, 1, 1, 3 Axis: 3 Inp1: 1, 1, 1, 4 Inp2: 1, 3, 1 Inp1: 2, 1, 3, 1 Inp2: 2, 1, 3, 4 Inp3: 2, 1, 3, 3 Inp1: 1, 3, 3, 1 Inp2: 2, 1, 3, 4 Inp3: 2, 1, 3, 3 Inp1: 1, 3, 3, 1 Inp2: 2, 3, 3, 1 Inp2: 2, 3, 3, 1 Inp3: 3, 3, 3, 1 Axis: 3 Inp1: 6, 1, 1 Inp2: 6, 1, 1 Inp2: 6, 1, 1 Inp3: 6, 1, 1 Axis: 1 Inp1: 2, 1, 6 Inp2: 2, 5, 6 Inp3: 2, 6, 6 Axis: 1		Inp1: 1, 1, 1, 1
Axis: 0 Inp1: 1, 1, 1 Inp2: 1, 2, 1, 1 Inp3: 1, 3, 1, 1 Axis: 1 Inp1: 1, 1, 1, 1 Inp2: 1, 1, 2, 1 Inp3: 1, 1, 1, 1 Inp2: 1, 3, 1, 1 Inp2: 1, 3, 1, 1 Inp3: 1, 4, 1, 1 Axis: 1 Inp1: 2, 1, 3, 1 Inp2: 2, 1, 3, 4 Inp3: 2, 1, 3, 3 Inp1: 1, 3, 3, 1 Inp2: 2, 3, 3, 1 Inp3: 3, 3, 1, 2 Inp3: 3, 3, 1, 2 Inp3: 3, 3, 1, 2 Inp3: 3, 3, 1, 3 Inp1: 6, 1, 1 Inp2: 6, 1, 1 Inp3: 6, 1, 1 Inp2: 2, 3 Axis: 1 Inp1: 2, 1, 6 Inp2: 2, 5, 6 Inp3: 2, 6, 6 Axis: 1		Inp2: 2, 1, 1, 1
Inp1: 1, 1, 1, 1 Inp2: 1, 2, 1, 1 Inp3: 1, 3, 1, 1 Axis: 1 Inp1: 1, 1, 1, 1 Inp2: 1, 1, 2, 1 Inp3: 1, 1, 3, 1 Axis: 2 Inp1: 1, 1, 1, 1 Inp2: 1, 1, 1, 1 Inp2: 1, 1, 1, 2 Inp3: 1, 1, 1, 3 Axis: 3 Inp1: 1, 1, 1, 4 Inp2: 1, 1, 1, 3 Axis: 3 Inp1: 1, 2, 1, 1 Inp2: 1, 3, 1, 1 Inp3: 1, 4, 1, 1 Axis: 1 Inp1: 2, 1, 3, 1 Inp2: 2, 1, 3, 4 Inp3: 2, 1, 3, 3 Axis: 3 Inp1: 1, 3, 3, 1 Inp1: 2, 3, 3, 1 Inp2: 2, 3, 3, 1 Inp2: 2, 3, 3, 1 Inp2: 2, 3, 3, 1 Inp3: 3, 3, 1, 1 Inp2: 3, 3, 1, 2 Inp3: 3, 3, 1, 2 Inp3: 3, 3, 1, 3 Axis: 0 Inp1: 6, 1, 1 Inp2: 6, 1, 1 Inp3: 6, 1, 1 Axis: 2 Inp1: 2, 1, 6 Inp2: 2, 3 Axis: 1 Inp1: 2, 1, 6 Inp2: 2, 5, 6 Inp3: 2, 6, 6 Axis: 1		
Inp2: 1, 2, 1, 1 Inp3: 1, 3, 1, 1 Axis: 1 Inp1: 1, 1, 1, 1 Inp2: 1, 1, 2, 1 Inp3: 1, 1, 3, 1 Axis: 2 Inp1: 1, 1, 1, 1 Inp2: 1, 1, 1, 1 Inp2: 1, 1, 1, 2 Inp3: 1, 1, 1, 3 Axis: 3 Inp1: 1, 1, 1, 4 Inp2: 1, 1, 1, 3 Axis: 3 Inp1: 1, 2, 1, 1 Inp2: 1, 3, 1, 1 Inp2: 1, 3, 1, 1 Inp2: 1, 3, 1 Inp1: 2, 1, 3, 1 Inp2: 2, 1, 3, 4 Inp3: 2, 1, 3, 3 Inp1: 1, 3, 3, 1 Inp2: 2, 3, 3, 1 Inp2: 2, 3, 3, 1 Inp2: 2, 3, 3, 1 Inp2: 3, 3, 1, 1 Inp2: 4, 5, 5, 6 Inp3: 6, 1, 1 Inp2: 2, 3 Axis: 3 Inp1: 2, 1, 1 Inp2: 2, 3 Axis: 1 Inp1: 2, 1, 1 Inp2: 2, 3 Axis: 3 Inp1: 6, 1, 1 Inp2: 6, 1, 1 Inp2: 2, 3 Axis: 1 Inp1: 2, 1, 6 Inp2: 2, 5, 6 Inp3: 2, 6,		
Inp3: 1, 3, 1, 1 Axis: 1 Inp1: 1, 1, 1, 1 Inp2: 1, 1, 2, 1 Inp3: 1, 1, 1, 3, 1 Axis: 2 Inp1: 1, 1, 1, 1 Inp2: 1, 1, 1, 1 Inp2: 1, 1, 1, 2 Inp3: 1, 1, 1, 3 Axis: 3 Inp1: 1, 1, 1, 4 Inp2: 1, 1, 1, 4 Inp2: 1, 1, 1, 1 Inp3: 1, 4, 1, 1 Axis: 1 Inp1: 2, 1, 3, 1 Inp2: 2, 1, 3, 4 Inp3: 2, 1, 3, 3 Inp1: 1, 3, 3, 1 Inp2: 2, 1, 3, 4 Inp3: 2, 1, 3, 3 Inp1: 1, 3, 3, 1 Inp2: 2, 3, 3, 1 Inp2: 2, 3, 3, 1 Inp2: 2, 3, 3, 1 Inp2: 3, 3, 1, 1 Inp2: 3, 3, 1, 1 Inp2: 3, 3, 1, 1 Inp2: 6, 1, 1 Inp3: 6, 1, 1 Axis: 2 Inp1: 2, 1, 6 Inp2: 2, 5, 6 Inp3: 2, 6, 6 Axis: 1 Inp1: 2, 1, 6 Inp2: 2, 5, 6 Inp3: 2, 6, 6 Axis: 1		
Axis: 1 Inp1: 1, 1, 1, 1 Inp2: 1, 1, 2, 1 Inp3: 1, 1, 3, 1 Axis: 2 Inp1: 1, 1, 1, 1 Inp2: 1, 1, 1, 2 Inp3: 1, 1, 1, 2 Inp3: 1, 1, 1, 3 Axis: 3 Inp1: 1, 1, 1, 4 Inp2: 1, 1, 1, 4 Inp2: 1, 1, 1, 1 Inp2: 1, 3, 1, 1 Inp3: 1, 4, 1, 1 Axis: 1 Inp1: 2, 1, 3, 1 Inp1: 2, 1, 3, 1 Inp2: 2, 1, 3, 4 Inp3: 2, 1, 3, 3 Inp4: 2, 1, 3, 3 Inp1: 1, 3, 3, 1 Inp2: 2, 3, 3, 1 Inp3: 3, 3, 3, 1 Inp3: 3, 3, 3, 1 Inp2: 3, 3, 1, 1 Inp2: 3, 3, 1, 1 Inp2: 6, 1, 1 Inp2: 6, 1, 1 Inp3: 6, 1, 1 Inp2: 2, 3 Axis: 3 Inp1: 2, 1, 1 Inp2: 2, 3 Axis: 1 Inp1: 2, 1, 6 Inp2: 2, 5, 6 Inp3: 2, 6, 6 Axis: 1		
Inp1: 1, 1, 1, 1 Inp2: 1, 1, 2, 1 Inp3: 1, 1, 3, 1 Axis: 2 Inp1: 1, 1, 1 Inp2: 1, 1, 1, 1 Inp2: 1, 1, 1, 2 Inp3: 1, 1, 1, 3 Axis: 3 Inp1: 1, 1, 1, 4 Inp2: 1, 1, 1, 4 Inp2: 1, 1, 1, 4 Inp2: 1, 3, 1, 1 Inp2: 1, 3, 1, 1 Inp3: 1, 4, 1, 1 Axis: 1 Inp1: 2, 1, 3, 4 Inp2: 2, 1, 3, 4 Inp3: 2, 1, 3, 3 Inp4: 2, 1, 3, 3 Inp4: 2, 1, 3, 3 Inp1: 1, 3, 3, 1 Inp2: 2, 3, 3, 1, 1 Inp2: 3, 3, 1, 2 Inp3: 3, 3, 1, 3 Axis: 3 Inp1: 6, 1, 1 Inp2: 6, 1, 1 Inp2: 6, 1, 1 Inp2: 2, 3 Axis: 1 Inp1: 2, 1, 6 Inp2: 2, 5, 6 Inp1: 2, 6, 6 Axis: 1		
Inp2: 1, 1, 2, 1 Inp3: 1, 1, 3, 1 Axis: 2 Inp1: 1, 1, 1, 1 Inp2: 1, 1, 1, 2 Inp3: 1, 1, 1, 3 Axis: 3 Inp1: 1, 1, 1, 4 Inp2: 1, 1, 1, 4 Inp2: 1, 1, 1, 3 Axis: 3 Inp1: 1, 2, 1, 1 Inp2: 1, 3, 1 Inp1: 2, 1, 3, 4 Inp3: 2, 1, 3, 3 Inp1: 1, 3, 3 Inp1: 1, 3, 3, 1 Inp2: 2, 3, 3, 1 Inp2: 2, 3, 3, 1 Inp2: 2, 3, 3, 1 Inp2: 3, 3, 1, 2 Inp3: 3, 3, 1, 2 Inp3: 3, 3, 1, 3 Axis: 3 Inp1: 6, 1, 1 Inp2: 6, 1, 1 Inp2: 6, 1, 1 Inp2: 6, 1, 1 Inp2: 2, 3 Axis: 2 Inp1: 2, 1 Inp2: 2, 3 Axis: 1 Inp1: 2, 1, 6 Inp2: 2, 5, 6 Inp1: 2, 1, 6 Inp1: 2, 6, 6 Axis: 1		
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Axis: 2 Inp1: 1, 1, 1, 1 Inp2: 1, 1, 1, 2 Inp3: 1, 1, 1, 3 Axis: 3 Inp1: 1, 1, 1, 4 Inp2: 1, 1, 1, 3 Axis: 3 Inp1: 1, 2, 1, 1 Inp2: 1, 3, 1, 1 Inp2: 1, 3, 1, 1 Inp3: 1, 4, 1, 1 Axis: 1 Inp1: 2, 1, 3, 1 Inp2: 2, 1, 3, 4 Inp3: 2, 1, 3, 3 Inp1: 1, 3, 3, 1 Inp2: 2, 3, 3, 1 Inp2: 2, 3, 3, 1 Inp3: 3, 3, 1, 1 Inp2: 3, 3, 1, 2 Inp1: 3, 3, 1, 1 Inp2: 6, 1, 1 Inp2: 6, 1, 1 Inp2: 6, 1, 1 Inp2: 2, 3 Axis: 3 Inp1: 6, 1, 1 Inp2: 2, 3 Axis: 3 Inp1: 6, 1, 1 Inp2: 2, 3 Axis: 3 Axis: 3 Inp1: 6, 1, 1 Inp2: 2, 3 Axis: 1 Inp1: 2, 1, 6 Inp2: 2, 5, 6 Inp3: 2, 6, 6 Axis: 1		
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Inp3: 1, 1, 1, 3		
Axis: 3 Inp1: 1, 1, 1, 4 Inp2: 1, 1, 1, 3 Axis: 3 Inp1: 1, 2, 1, 1 Inp2: 1, 3, 1, 1 Inp3: 1, 4, 1, 1 Axis: 1 Inp1: 2, 1, 3, 1 Inp2: 2, 1, 3, 4 Inp3: 2, 1, 3, 3 Inp4: 2, 1, 3, 3 Axis: 3 Inp1: 1, 3, 3, 1 Inp2: 2, 3, 3, 1 Inp3: 3, 3, 1, 1 Inp2: 3, 3, 1, 2 Inp1: 3, 3, 1, 1 Inp2: 3, 3, 1, 2 Inp1: 6, 1, 1 Inp2: 6, 1, 1 Inp2: 6, 1, 1 Inp2: 6, 1, 1 Inp2: 2, 3 Axis: 1 Inp1: 2, 1, 6 Inp2: 2, 5, 6 Inp3: 2, 5, 6 Inp3: 2, 6, 6 Axis: 1		
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Axis: 2 Inp1: 2, 1 Inp2: 2, 3 Axis: 1 Inp1: 2, 1, 6 Inp2: 2, 5, 6 Inp3: 2, 6, 6 Axis: 1		
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Inp2: 2, 3 Axis: 1 Inp1: 2, 1, 6 Inp2: 2, 5, 6 Inp3: 2, 6, 6 Axis: 1		
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Inp1: 2, 1, 6 Inp2: 2, 5, 6 Inp3: 2, 6, 6 Axis: 1		
Inp2: 2, 5, 6 Inp3: 2, 6, 6 Axis: 1		
Inp3: 2, 6, 6 Axis: 1		
Axis: 1		Inn3: 2 6 6
Inp1: 1		
l likiti		Inn1: 1
Inp2: 1		Inp2: 1
Inp3: 1		



Kernel name	Parameters
	Axis: 0
	Inp1: 2, 1
	Inp2: 2, 1
	Inp3: 2, 3
	Axis:1
	Inp1: 2, 1, 6
	Inp2: 2, 5, 6
	Inp3: 2, 6, 6
	Axis: 1
	Inp1: 8, 8, 3
	Inp2: 3, 8, 3
	Axis: 0
	Inp1: 5, 3, 2, 3, 4
	Inp2: 5, 4, 2, 3, 4
	Inp3: 5, 6, 2, 3, 4
	Inp4: 5, 1, 2, 3, 4
	Axis: 1
	Inp1: 6, 4, 8
	Inp2: 6, 4, 12
	Inp3: 6, 4, 6
	Inp4: 6, 4, 2
	Axis: 2
	Inp1: 7, 6, 7
	Inp2: 9, 6, 7
	Inp3: 3, 6, 7
	Axis: 0
	Inp1: 6, 11, 6, 12
	Inp2: 6, 13, 6, 12
	Axis: 1
	Inp1: 2, 2, 15
	Inp2: 2, 2, 14
	Inp3: 2, 2, 13
	Inp4: 2, 2, 7
	Axis: 2
	Inp1: 9, 5
	Inp2: 9, 7
	Inp3: 9, 3
	Inp4: 9, 11
	Axis: 1
	Inp1: 2, 2, 3, 4, 11
	Inp2: 2, 2, 3, 4, 12
	Axis: 4
	Inp1: 7, 9, 9, 2
xa_nn_cat – Signed 32-bit	Inp2: 7, 9, 2, 2
	Inp3: 7, 9, 1, 2
	Inp4: 7, 9, 3, 2



Kernel name	Parameters
	Axis: 2
	Inp1: 2, 8, 6, 7, 8
	Inp2: 2, 1, 6, 7, 8
	Axis: 1
	Inp1: 1, 1, 1, 1
	Inp2: 1, 1, 1, 1
	Inp3: 1, 1, 1, 1
	Axis: 0
	Inp1: 1, 1, 1, 1
	Inp2: 1, 1, 1, 1
	Inp3: 1, 1, 1, 1
	Axis: 1
	Inp1: 1, 1, 1, 1
	Inp2: 1, 1, 1, 1
	Inp3: 1, 1, 1, 1 Axis: 2
	Inp1: 1, 1, 1, 1
	Inp2: 1, 1, 1, 1
	Inp3: 1, 1, 1, 1
	Axis: 3
	Inp1: 1, 1, 1, 1
	Inp2: 2, 1, 1, 1
	Inp3: 3, 1, 1, 1
	Axis: 0
	Inp1: 1, 1, 1, 1
	Inp2: 1, 2, 1, 1
	Inp3: 1, 3, 1, 1
	Axis: 1 Inp1: 1, 1, 1, 1
	Inp2: 1, 1, 2, 1
	Inp3: 1, 1, 3, 1
	Axis: 2
	Inp1: 1, 1, 1, 1
	Inp2: 1, 1, 1, 2
	Inp3: 1, 1, 1, 3
	Axis: 3
	Inp1: 1, 1, 1, 4
	Inp2: 1, 1, 1, 3
	Axis: 3 Inp1: 1, 2, 1, 1
	Inp2: 1, 3, 1, 1
	Inp3: 1, 4, 1, 1
	Axis: 1
	Inp1: 2, 1, 3, 1
	Inp2: 2, 1, 3, 4
	Inp3: 2, 1, 3, 3
	Inp4: 2, 1, 3, 3
	Axis: 3
	Inp1: 1, 3, 3, 1
	Inp2: 2, 3, 3, 1



Kernel name	Parameters
	Inp3: 3, 3, 3, 1
	Axis: 0
	Inp1: 3, 3, 1, 1
	Inp2: 3, 3, 1, 2
	Inp3: 3, 3, 1, 3
	Axis: 3
	Inp1: 6, 1, 1
	Inp2: 6, 1, 1
	Inp3: 6, 1, 1
	Axis: 2
	Inp1: 2, 1
	Inp2: 2, 3
	Axis: 1
	Inp1: 2, 1, 6
	Inp2: 2, 5, 6 Inp3: 2, 6, 6
	Axis: 1
	Inp1: 1
	Inp2: 1
	Inp3: 1
	Axis: 0
	Inp1: 2, 1
	Inp2: 2, 1
	Inp3: 2, 3
	Axis:1
	Inp1: 2, 1, 6
	Inp2: 2, 5, 6
	Inp3: 2, 6, 6
	Axis: 1
	Inp1: 8, 6
	Inp2: 8, 7
	Inp3: 8, 8
	Axis: 1
	Inp1: 6, 6, 5
	Inp2: 7, 6, 5
	Inp3: 9, 6, 5
	Inp4: 2, 6, 5
	Axis: 0
	Inp1: 6, 2, 3, 4
	Inp2: 7, 2, 3, 4
	Inp3: 2, 2, 3, 4
	Axis: 0
	Inp1: 6, 5, 4
	Inp2: 6, 5, 4
	Inp3: 6, 5, 4
	Axis: 0
	Inp1: 3, 6, 8, 3, 4
	Inp2: 3, 6, 2, 3, 4



Kernel name	Parameters
	Inp3: 3, 6, 1, 3, 4
	Axis: 2
	Inp1: 2, 1, 4, 5
	Inp2: 2, 3, 4, 5
	Inp3: 2, 2, 4, 5
	Axis: 1
	Inp1: 9, 8, 7
	Inp2: 9, 2, 7
	Axis: 1
	Inp1: 2, 2, 3, 3, 4
	Inp2: 2, 2, 4, 3, 4
	Inp3: 2, 2, 3, 4
	Axis: 2
	Inp1: 6, 7, 2
	Inp2: 6, 7, 2
	Inp1 1, 7, 2
	Axis: 0
	Inp1: 5, 4, 6
	Inp2: 5, 4, 6
	Inp3: 5, 2, 6
	Inp4: 5, 7, 6
	Axis: 1
	Inp1: 4, 5, 6, 7
	Inp2: 4, 5, 6, 3 Inp3: 4, 5, 6, 1
	Inpd: 4, 5, 6, 1
	Axis: 3
	Inp1: 5, 7, 8
	Inp2: 5, 7, 2
	Axis: 2
	Inp1: 8, 2, 3, 4
	Inp2: 6, 2, 3, 4 Axis: 0
xa_nn_cat – Unsigned 8-bit	Inp1: 1, 1, 1, 1
	Inp2: 1, 1, 1, 1
	Inp3: 1, 1, 1, 1
	Axis: 0
	Inp1: 1, 1, 1, 1
	Inp2: 1, 1, 1, 1
	Inp3: 1, 1, 1, 1 Axis: 1
	Inp1: 1, 1, 1, 1
	Inp2: 1, 1, 1, 1
	Inp3: 1, 1, 1, 1
	Axis: 2
	Inp1: 1, 1, 1, 1
	Inp2: 1, 1, 1, 1
	Inp3: 1, 1, 1, 1
	Axis: 3



Kernel name	Parameters
	Inp1: 1, 1, 1, 1
	Inp2: 2, 1, 1, 1
	Inp3: 3, 1, 1, 1
	Axis: 0
	Inp1: 1, 1, 1, 1
	Inp2: 1, 2, 1, 1
	Inp3: 1, 3, 1, 1
	Axis: 1
	Inp1: 1, 1, 1, 1
	Inp2: 1, 1, 2, 1 Inp3: 1, 1, 3, 1
	Axis: 2
	Inp1: 1, 1, 1, 1
	Inp1: 1, 1, 1, 1 Inp2: 1, 1, 1, 2
	Inp3: 1, 1, 1, 3
	Axis: 3
	Inp1: 1, 1, 1, 4
	Inp2: 1, 1, 1, 3
	Axis: 3
	Inp1: 1, 2, 1, 1
	Inp2: 1, 3, 1, 1
	Inp3: 1, 4, 1, 1
	Axis: 1
	Inp1: 2, 1, 3, 1
	Inp2: 2, 1, 3, 4
	Inp3: 2, 1, 3, 3
	Inp4: 2, 1, 3, 3
	Axis: 3
	Inp1: 1, 3, 3, 1
	Inp2: 2, 3, 3, 1
	Inp3: 3, 3, 3, 1
	Axis: 0 Inp1: 3, 3, 1, 1
	Inp1: 3, 3, 1, 1 Inp2: 3, 3, 1, 2
	Inp3: 3, 3, 1, 2
	Axis: 3
	Inp1: 6, 1, 1
	Inp2: 6, 1, 1
	Inp3: 6, 1, 1
	Axis: 2
	Inp1: 2, 1
	Inp2: 2, 3
	Axis: 1
	Inp1: 2, 1, 6
	Inp2: 2, 5, 6
	Inp3: 2, 6, 6
	Axis: 1
	Inp1: 1
	Inp2: 1
	Inp3: 1
	Axis: 0



Kernel name	Parameters
	Inp1: 2, 1
	Inp2: 2, 1
	Inp3: 2, 3
	Axis:1
	Inp1: 2, 1, 6
	Inp2: 2, 5, 6
	Inp3: 2, 6, 6
	Axis: 1
	Inp1: 3, 5, 6, 4, 8
	Inp2: 3, 5, 6, 6, 8
	Inp3: 3, 5, 6, 1, 8
	Axis: 3
	Inp1: 1, 2, 7, 5
	Inp2: 3, 2, 7, 5
	Inp3: 5, 2, 7, 5
	Inp4: 7, 2, 7, 5
	Axis: 0
	Inp1: 6, 5, 6
	Inp1: 0, 0, 0 Inp2: 7, 5, 6
	Inp2: 7, 3, 6
	Axis: 0
	Inp1: 3, 6, 9
	Inp1: 3, 6, 9 Inp2: 3, 6, 12
	Axis: 2
	Inp1: 5, 4, 3, 6
	Inp2: 5, 4, 3, 9 Axis: 3
	Inp1: 2, 1, 6
	Inp2: 2, 5, 6
	Inp3: 2, 6, 6
	Axis: 1
	Inp1: 2, 1, 9, 3, 4
	Inp2: 2, 1, 7, 3, 4
	Inp3: 2, 1, 5, 3, 4
	Inp4: 2, 1, 3, 3, 4
	Axis: 2
xa_nn_cat – Unsigned 16-bit	Inp1: 2, 7
	Inp2: 4, 7
	Inp3: 6, 7
	Axis: 0
	Inp1: 5, 9
	Inp2: 5, 4
	Inp3: 5, 7
	Axis: 1
	Inp1: 1, 1, 1
	Inp2: 1, 1, 1, 1
	Inp3: 1, 1, 1, 1
	Axis: 0
	Inp1: 1, 1, 1, 1
	Inp2: 1, 1, 1, 1
	Inp3: 1, 1, 1, 1
	Axis: 1



Kernel name	Parameters
	Inp1: 1, 1, 1, 1
	Inp2: 1, 1, 1, 1
	Inp3: 1, 1, 1, 1
	Axis: 2
	Inp1: 1, 1, 1, 1
	Inp2: 1, 1, 1, 1
	Inp3: 1, 1, 1, 1
	Axis: 3
	Inp1: 1, 1, 1, 1
	Inp2: 2, 1, 1, 1
	Inp3: 3, 1, 1, 1
	Axis: 0
	Inp1: 1, 1, 1, 1
	Inp1: 1, 1, 1, 1 Inp2: 1, 2, 1, 1
	Inp2: 1, 2, 1, 1 Inp3: 1, 3, 1, 1
	Axis: 1
	Inp1: 1, 1, 1, 1
	Inp2: 1, 1, 2, 1
	Inp3: 1, 1, 3, 1
	Axis: 2
	Inp1: 1, 1, 1, 1
	Inp2: 1, 1, 1, 2
	Inp3: 1, 1, 1, 3
	Axis: 3
	Inp1: 1, 1, 1, 4
	Inp2: 1, 1, 1, 3
	Axis: 3
	Inp1: 1, 2, 1, 1
	Inp2: 1, 3, 1, 1
	Inp3: 1, 4, 1, 1
	Axis: 1
	Inp1: 2, 1, 3, 1
	Inp2: 2, 1, 3, 4
	Inp3: 2, 1, 3, 3
	Inp4: 2, 1, 3, 3
	Axis: 3
	Inp1: 1, 3, 3, 1
	Inp2: 2, 3, 3, 1
	Inp3: 3, 3, 3, 1
	Axis: 0
	Inp1: 3, 3, 1, 1
	Inp2: 3, 3, 1, 2
	Inp3: 3, 3, 1, 3
	Axis: 3
	Inp1: 6, 1, 1
	Inp2: 6, 1, 1
	Inp3: 6, 1, 1
	Axis: 2
	Inp1: 2, 1
	Inp2: 2, 3
	Axis: 1



Kernel name	Parameters
	Inp1: 2, 1, 6
	Inp2: 2, 5, 6
	Inp3: 2, 6, 6
	Axis: 1
	Inp1: 1
	Inp2: 1
	Inp3: 1
	Axis: 0
	Inp1: 2, 1
	Inp2: 2, 1
	Inp3: 2, 3
	Axis:1
	Inp1: 2, 1, 6
	Inp2: 2, 5, 6
	Inp3: 2, 6, 6 Axis: 1
	Inp1: 8, 8, 3
	Inp2: 3, 8, 3
	Axis: 0
	Inp1: 5, 3, 2, 3, 4
	Inp2: 5, 4, 2, 3, 4
	Inp3: 5, 6, 2, 3, 4
	Inp4: 5, 1, 2, 3, 4
	Axis: 1
	Inp1: 6, 4, 8
	Inp2: 6, 4, 12
	Inp3: 6, 4, 6
	Inp4: 6, 4, 2
	Axis: 2
	Inp1: 7, 6, 7
	Inp2: 9, 6, 7
	Inp3: 3, 6, 7
	Axis: 0
	Inp1: 8, 1, 6, 14
	Inp2: 8, 3, 6, 14
	Axis: 1
	Inp1: 4, 11, 5
	Inp2: 4, 11, 4
	Inp3: 4, 11, 3
	Inp4: 4, 11, 7
	Axis: 2
	Inp1: 3, 5
	Inp2: 3, 7
	Inp3: 3, 3
	Inp4: 3, 11
	Axis: 1
	Inp1: 2, 2, 3, 4, 11
	111p1. 2, 2, 3, 4, 11



Kernel name	Parameters
	Inp2: 2, 2, 3, 4, 12
	Axis: 4
	Inp1: 9, 7, 3, 4
	Inp2: 9, 7, 1, 4
	Inp3: 9, 7, 2, 4
	Inp4: 9, 7, 7, 4
	Axis: 2
	Inp1:2, 7, 6, 4, 8
	Inp2: 2, 7, 6, 1, 8
	Axis: 3 Inp1: 3, 6
	Inp2: 3, 7
	Inp3: 3, 8
	Inp1: 2, 6, 6, 5
	Inp2: 2, 7, 6, 5
	Inp3: 2, 9, 6, 5 Inp4: 2, 2, 6, 5
	Axis: 1
	Inp1: 1, 1, 1, 1
	Inp2: 1, 1, 1, 1
	Inp3: 1, 1, 1
	Axis: 0
	Inp1: 1, 1, 1, 1 Inp2: 1, 1, 1, 1
xa_nn_cat – Unsigned 32-bit	Inp3: 1, 1, 1, 1
xa_fiii_cat = Offsigned 32-bit	Axis: 1
	Inp1: 1, 1, 1, 1
	Inp2: 1, 1, 1, 1
	Inp3: 1, 1, 1, 1 Axis: 2
	Inp1: 1, 1, 1, 1
	Inp2: 1, 1, 1, 1
	Inp3: 1, 1, 1, 1
	Axis: 3
	Inp1: 1, 1, 1, 1 Inp2: 2, 1, 1, 1
	Inp3: 3, 1, 1, 1
	Axis: 0
	Inp1: 1, 1, 1, 1
	Inp2: 1, 2, 1, 1
	Inp3: 1, 3, 1, 1 Axis: 1
	Inp1: 1, 1, 1, 1
	Inp2: 1, 1, 2, 1
	Inp3: 1, 1, 3, 1
	Axis: 2
	Inp1: 1, 1, 1, 1
	Inp2: 1, 1, 1, 2 Inp3: 1, 1, 1, 3
	Axis: 3



Inp1: 1, 1, 1, 4 Inp2: 1, 1, 1, 3 Axis: 3 Inp1: 1, 2, 1, 1 Inp2: 1, 3, 1, 1 Inp3: 1, 4, 1, 1 Axis: 1 Inp1: 2, 1, 3, 4 Inp3: 2, 1, 3, 4 Inp3: 2, 1, 3, 3 Inp1: 1, 3, 3, 1 Inp2: 2, 3, 3, 1 Inp2: 2, 3, 3, 1 Inp2: 3, 3, 3, 1 Inp2: 3, 3, 1, 3 Axis: 0 Inp1: 3, 3, 3, 1 Inp2: 3, 3, 1, 2 Inp3: 3, 3, 3, 1 Inp2: 6, 1, 1 Inp2: 6, 1, 1 Inp2: 6, 1, 1 Inp2: 2, 3 Axis: 1 Inp1: 2, 1 Inp2: 2, 5 Inp1: 2, 1 Inp1: 2, 1 Inp2: 2, 5 Inp2: 2, 5 Inp1: 2, 1 Inp2: 2, 5 Inp1: 2, 1 Inp2: 2, 5 Inp2: 2, 5 Inp3: 2, 6 Axis: 1 Inp1: 6, 2, 3 Inp3: 2, 3, 4 Inp2: 7, 2, 3, 4 Inp2: 7, 2, 3, 4 Inp2: 7, 2, 3, 4 Inp2: 6, 5, 4 Inp3: 6, 5, 4	Kernel name	Parameters
Inp2: 1, 1, 1, 3 Axis: 3 Inp1: 1, 2, 1, 1 Inp2: 1, 3, 1, 1 Inp3: 1, 4, 1, 1 Axis: 1 Inp1: 2, 1, 3, 4 Inp2: 2, 1, 3, 4 Inp2: 2, 1, 3, 3 Inp4: 2, 1, 3, 3 Inp1: 1, 3, 3, 1 Inp2: 3, 3, 1 Inp2: 3, 3, 1 Inp2: 3, 3, 1, 1 Inp2: 3, 3, 1, 1 Inp2: 3, 3, 1, 2 Inp3: 3, 3, 1, 3 Axis: 3 Inp1: 6, 1, 1 Inp2: 6, 1, 1 Inp2: 6, 1, 1 Inp2: 2, 3 Axis: 1 Inp1: 2, 1, 6 Inp2: 2, 5, 6 Inp3: 2, 6, 6 Axis: 1 Inp1: 1 Inp1: 1 Inp2: 1 Inp3: 1 Inp1: 2, 1 Inp2: 2, 1 Inp3: 2, 3 Axis: 1 Inp1: 2, 3 Axis: 0 Inp1: 2, 3, 4 Inp2: 6, 5, 4		
Axis: 3 Inp1: 1, 2, 1, 1 Inp2: 1, 3, 1, 1 Inp3: 1, 4, 1, 1 Axis: 1 Inp1: 2, 1, 3, 1 Inp1: 2, 1, 3, 1 Inp2: 2, 1, 3, 4 Inp3: 2, 1, 3, 3 Inp4: 2, 1, 3, 3 Inp4: 2, 1, 3, 3 Inp1: 1, 3, 3, 1 Inp2: 2, 3, 3, 1 Inp3: 3, 3, 1, 1 Inp2: 3, 3, 1, 1 Inp2: 3, 3, 1, 2 Inp3: 3, 3, 1, 1 Inp2: 6, 1, 1 Inp2: 6, 1, 1 Inp3: 6, 1, 1 Inp1: 2, 1, 6 Inp2: 2, 2 Inp1: 2, 1 Inp2: 2, 5, 6 Inp3: 2, 6, 6 Axis: 1 Inp1: 1 Inp2: 1 Inp2: 1 Inp2: 1 Inp2: 2, 1 Inp3: 2, 3 Axis: 1 Inp1: 2, 1, 6 Inp2: 2, 5, 6 Inp3: 2, 6, 6 Axis: 1 Inp1: 2, 1, 6 Inp2: 2, 1 Inp3: 2, 3 Axis: 1 Inp1: 2, 1, 6 Inp2: 2, 1 Inp3: 2, 3 Axis: 1 Inp1: 2, 1, 6 Inp2: 2, 1 Inp3: 2, 3 Axis: 1 Inp1: 2, 1, 6 Inp2: 2, 1 Inp3: 2, 3 Axis: 1 Inp1: 2, 1, 6 Inp2: 2, 3, 4 Inp3: 6, 5, 4 Inp3: 6, 5, 4 Inp3: 6, 5, 4		
Inp2: 1, 3, 1, 1 Inp3: 1, 4, 1, 1 Axis: 1 Inp1: 2, 1, 3, 1 Inp2: 2, 1, 3, 4 Inp3: 2, 1, 3, 3 Inp4: 2, 1, 3, 3 Inp4: 2, 1, 3, 3 Inp1: 1, 3, 3, 1 Inp2: 2, 3, 3, 1 Inp2: 2, 3, 3, 1 Inp2: 3, 3, 1, 3 Axis: 0 Inp1: 3, 3, 1, 1 Inp2: 3, 3, 1, 2 Inp3: 3, 3, 1, 3 Axis: 3 Inp1: 6, 1, 1 Inp2: 6, 1, 1 Inp2: 6, 1, 1 Inp3: 6, 1, 1 Inp2: 2, 3 Axis: 1 Inp1: 2, 1, 6 Inp2: 2, 3 Axis: 1 Inp1: 2, 1, 6 Inp2: 2, 5, 6 Inp3: 2, 6, 6 Axis: 1 Inp1: 2, 1 Inp3: 2, 1 Inp3: 2, 3 Axis: 1 Inp1: 2, 1 Inp2: 1 Inp3: 2, 1 Inp3: 2, 3 Axis: 1 Inp1: 2, 1, 6 Inp3: 2, 3 Axis: 1 Inp1: 2, 1, 6 Inp3: 2, 3, 4 Inp3: 2, 3, 4 Inp2: 7, 2, 3, 4 Inp3: 2, 2, 3, 4 Inp3: 6, 5, 4 Inp3: 6, 5, 4 Inp3: 6, 5, 4 Inp3: 6, 5, 4		Axis: 3
Inp2: 1, 3, 1, 1 Inp3: 1, 4, 1, 1 Axis: 1 Inp1: 2, 1, 3, 1 Inp2: 2, 1, 3, 4 Inp3: 2, 1, 3, 3 Inp4: 2, 1, 3, 3 Inp4: 2, 1, 3, 3 Inp1: 1, 3, 3, 1 Inp2: 2, 3, 3, 1 Inp2: 2, 3, 3, 1 Inp2: 3, 3, 1, 3 Axis: 0 Inp1: 3, 3, 1, 1 Inp2: 3, 3, 1, 2 Inp3: 3, 3, 1, 3 Axis: 3 Inp1: 6, 1, 1 Inp2: 6, 1, 1 Inp2: 6, 1, 1 Inp3: 6, 1, 1 Inp2: 2, 3 Axis: 1 Inp1: 2, 1, 6 Inp2: 2, 3 Axis: 1 Inp1: 2, 1, 6 Inp2: 2, 5, 6 Inp3: 2, 6, 6 Axis: 1 Inp1: 2, 1 Inp3: 2, 1 Inp3: 2, 3 Axis: 1 Inp1: 2, 1 Inp2: 1 Inp3: 2, 1 Inp3: 2, 3 Axis: 1 Inp1: 2, 1, 6 Inp3: 2, 3 Axis: 1 Inp1: 2, 1, 6 Inp3: 2, 3, 4 Inp3: 2, 3, 4 Inp2: 7, 2, 3, 4 Inp3: 2, 2, 3, 4 Inp3: 6, 5, 4 Inp3: 6, 5, 4 Inp3: 6, 5, 4 Inp3: 6, 5, 4		Inp1: 1, 2, 1, 1
Axis: 1 Inp1: 2, 1, 3, 1 Inp2: 2, 1, 3, 4 Inp3: 2, 1, 3, 3 Inp4: 2, 1, 3, 3 Inp4: 2, 1, 3, 3 Inp1: 1, 3, 3, 1 Inp2: 2, 3, 3, 1 Inp3: 3, 3, 1, 1 Inp3: 3, 3, 1, 1 Inp2: 3, 3, 1, 2 Inp3: 6, 1, 1 Inp2: 6, 1, 1 Inp3: 6, 1, 1 Inp3: 6, 1, 1 Inp2: 2, 3 Axis: 1 Inp1: 2, 1, 6 Inp2: 2, 5, 6 Inp3: 2, 6, 6 Axis: 1 Inp1: 1 Inp2: 1 Inp3: 1 Axis: 0 Inp1: 2, 1 Inp3: 1 Inp3: 1 Inp3: 1 Inp3: 2, 1 Inp3: 2, 1 Inp3: 2, 1 Inp3: 2, 3 Axis: 1 Inp1: 2, 1 Inp2: 2, 1 Inp3: 1 Inp3: 1 Axis: 0 Inp1: 2, 1, 6 Inp2: 2, 5, 6 Inp3: 2, 3 Axis: 1 Inp1: 2, 1, 6 Inp2: 2, 1 Inp3: 1, 3, 4 Inp2: 7, 2, 3, 4 Inp3: 6, 5, 4 Inp1: 6, 5, 4 Inp1: 6, 5, 4 Inp1: 6, 5, 4 Inp1: 6, 5, 4 Inp3: 6, 5, 4		Inp2: 1, 3, 1, 1
Inp1: 2, 1, 3, 4 Inp2: 2, 1, 3, 4 Inp3: 2, 1, 3, 3 Inp4: 2, 1, 3, 3 Inp4: 2, 1, 3, 3 Inp1: 1, 3, 3, 1 Inp2: 2, 3, 3, 1 Inp3: 3, 3, 1 Inp3: 3, 3, 1, 1 Inp2: 3, 3, 1, 1 Inp2: 3, 3, 1, 1 Inp3: 3, 3, 1, 1 Inp2: 6, 1, 1 Inp3: 6, 1, 1 Inp2: 6, 1, 1 Inp2: 6, 1, 1 Inp2: 2, 3 Axis: 1 Inp1: 2, 1, 6 Inp2: 2, 5, 6 Inp3: 2, 6, 6 Axis: 1 Inp1: 1 Inp2: 1 Inp2: 1 Inp2: 1 Inp2: 1 Inp2: 1 Inp2: 2, 1 Inp2: 2, 1 Inp3: 1 Axis: 0 Inp1: 2, 1, 6 Inp2: 2, 5, 6 Inp3: 2, 6, 6 Axis: 1 Inp1: 1 Inp2: 1 Inp2: 1 Inp3: 1 Inp1: 2, 1, 6 Inp3: 2, 3, 4 Inp3: 2, 3, 4 Inp3: 2, 3, 4 Inp3: 2, 3, 4 Inp2: 7, 2, 3, 4 Inp2: 7, 2, 3, 4 Inp2: 6, 5, 4 Inp3: 6, 5, 4 Inp3: 6, 5, 4 Inp3: 6, 5, 4		Inp3: 1, 4, 1, 1
Inp2: 2, 1, 3, 4 Inp3: 2, 1, 3, 3 Inp4: 2, 1, 3, 3 Axis: 3 Inp1: 1, 3, 3, 1 Inp2: 2, 3, 3, 1 Inp3: 3, 3, 3, 1 Axis: 0 Inp1: 3, 3, 1, 1 Inp2: 3, 3, 1, 2 Inp3: 3, 3, 1, 2 Inp3: 3, 3, 1, 2 Inp3: 3, 3, 1, 3 Axis: 3 Inp1: 6, 1, 1 Inp2: 6, 1, 1 Inp2: 6, 1, 1 Inp2: 2, 3 Axis: 1 Inp1: 2, 1 Inp2: 2, 5, 6 Inp3: 2, 6, 6 Axis: 1 Inp1: 1 Inp2: 1 Inp2: 1 Inp2: 1 Inp3: 1 Axis: 0 Inp1: 2, 1, 6 Inp2: 2, 5, 6 Inp3: 2, 6, 6 Axis: 1 Inp1: 1 Inp2: 1 Inp3: 1 Inp3: 1 Axis: 0 Inp1: 2, 1, 6 Inp2: 2, 5, 6 Inp3: 2, 3 Axis: 1 Inp1: 2, 1, 6 Inp2: 2, 5, 6 Inp3: 2, 3, 4 Inp3: 2, 3, 4 Inp3: 2, 3, 4 Inp2: 7, 2, 3, 4 Inp3: 2, 2, 3, 4 Axis: 0 Inp1: 6, 5, 4 Inp3: 6, 5, 4 Inp3: 6, 5, 4 Inp3: 6, 5, 4 Inp3: 6, 5, 4		Axis: 1
Inp3: 2, 1, 3, 3 Inp4: 2, 1, 3, 3 Axis: 3 Inp1: 1, 3, 3, 1 Inp2: 2, 3, 3, 1 Inp3: 3, 3, 1, 1 Inp3: 3, 3, 1, 1 Inp3: 3, 3, 1, 2 Inp3: 3, 3, 1, 2 Inp3: 3, 3, 1, 3 Axis: 3 Inp1: 6, 1, 1 Inp2: 6, 1, 1 Inp2: 6, 1, 1 Inp2: 2, 3 Axis: 1 Inp1: 2, 1, 6 Inp2: 2, 5, 6 Inp3: 2, 6, 6 Axis: 1 Inp1: 1 Inp2: 1 Inp2: 1 Inp2: 1 Inp2: 1 Inp2: 1 Inp3: 1 Inp1: 1 Inp2: 1 Inp3: 1 Inp1: 2, 1 Inp2: 2, 1 Inp2: 2, 6 Axis: 0 Inp1: 2, 1 Inp2: 2, 6 Inp3: 2, 6, 6 Axis: 1 Inp1: 2, 1 Inp3: 3, 3, 4 Inp3: 2, 3, 4 Inp3: 2, 3, 4 Inp3: 2, 3, 4 Inp2: 7, 2, 3, 4 Inp3: 2, 2, 3, 4 Inp3: 6, 5, 4 Inp3: 6, 5, 4 Inp3: 6, 5, 4		
Inp4: 2, 1, 3, 3 Axis: 3 Inp1: 1, 3, 3, 1 Inp2: 2, 3, 3, 1 Inp3: 3, 3, 1, 3 Axis: 0 Inp1: 3, 3, 1, 1 Inp2: 3, 3, 1, 2 Inp3: 3, 3, 1, 3 Axis: 3 Inp1: 6, 1, 1 Inp2: 6, 1, 1 Inp3: 6, 1, 1 Axis: 2 Inp1: 2, 1 Inp2: 2, 3 Axis: 1 Inp1: 2, 1, 6 Inp2: 2, 5, 6 Inp3: 2, 6, 6 Axis: 1 Inp1: 1 Inp2: 1 Inp2: 1 Inp2: 1 Inp3: 1 Inp3: 1 Axis: 0 Inp1: 2, 1 Inp3: 2, 3 Axis: 1 Inp1: 2, 1, 6 Inp3: 2, 6, 6 Axis: 1 Inp1: 2, 1, 6 Inp3: 2, 3 Axis: 1 Inp1: 2, 1, 6 Inp3: 2, 3 Axis: 1 Inp1: 2, 1, 6 Inp2: 2, 5, 6 Inp3: 2, 3 Axis: 1 Inp1: 2, 1, 6 Inp2: 2, 5, 6 Inp3: 2, 3 Axis: 1 Inp1: 2, 1, 6 Inp2: 2, 5, 6 Inp3: 2, 3, 4 Inp3: 2, 2, 3, 4 Axis: 0 Inp1: 6, 5, 4 Inp2: 6, 5, 4 Inp2: 6, 5, 4 Inp3: 6, 5, 4		
Axis: 3 Inp1: 1, 3, 3, 1 Inp2: 2, 3, 3, 1 Inp3: 3, 3, 3, 1 Axis: 0 Inp1: 3, 3, 1, 1 Inp2: 3, 3, 1, 2 Inp3: 3, 3, 1, 3 Axis: 3 Inp1: 6, 1, 1 Inp2: 6, 1, 1 Inp2: 6, 1, 1 Inp2: 6, 1, 1 Inp2: 2, 3 Axis: 3 Axis: 1 Inp1: 2, 1, 6 Inp2: 2, 3 Axis: 1 Inp1: 2, 1, 6 Inp2: 2, 5, 6 Inp3: 2, 6, 6 Axis: 1 Inp1: 1 Inp2: 1 Inp2: 1 Inp3: 1 Axis: 0 Inp1: 2, 1 Inp2: 2, 1 Inp2: 2, 1 Inp2: 2, 5, 6 Inp3: 2, 3 Axis: 1 Inp1: 2, 1, 6 Inp2: 2, 5, 6 Inp3: 2, 3 Axis: 1 Inp1: 2, 1, 6 Inp2: 2, 5, 6 Inp3: 2, 3 Axis: 1 Inp1: 2, 1, 6 Inp2: 2, 5, 6 Inp3: 2, 3, 4 Inp3: 2, 2, 3, 4 Inp3: 6, 5, 4 Inp2: 6, 5, 4 Inp3: 6, 5, 4		
Inp1: 1, 3, 3, 1 Inp2: 2, 3, 3, 1 Inp3: 3, 3, 3, 1 Axis: 0 Inp1: 3, 3, 1, 1 Inp2: 3, 3, 1, 2 Inp3: 3, 3, 1, 3 Axis: 3 Inp1: 6, 1, 1 Inp2: 6, 1, 1 Inp2: 6, 1, 1 Inp3: 6, 1, 1 Inp2: 2, 3 Axis: 1 Inp1: 2, 1, 6 Inp2: 2, 5, 6 Inp3: 2, 6, 6 Axis: 1 Inp1: 1 Inp2: 1 Inp2: 1 Inp2: 1 Inp2: 1 Inp2: 1 Inp3: 1 Axis: 0 Inp1: 2, 1 Inp3: 2, 3 Axis: 1 Inp1: 2, 1, 6 Inp2: 2, 5, 6 Inp3: 2, 3 Axis: 1 Inp1: 2, 1, 6 Inp2: 2, 3 Inp2: 2, 3, 4 Inp3: 2, 2, 3, 4 Inp3: 6, 5, 4 Inp2: 6, 5, 4 Inp2: 6, 5, 4 Inp3: 6, 5, 4		
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Inp3: 3, 3, 3, 1 Axis: 0 Inp1: 3, 3, 1, 1 Inp2: 3, 3, 1, 2 Inp3: 3, 3, 3, 1 Axis: 3 Inp1: 6, 1, 1 Inp2: 6, 1, 1 Inp2: 6, 1, 1 Inp3: 6, 1, 1 Axis: 2 Inp1: 2, 1 Inp2: 2, 3 Axis: 1 Inp1: 2, 1, 6 Inp2: 2, 5, 6 Inp3: 2, 6, 6 Axis: 1 Inp1: 1 Inp2: 1 Inp3: 1 Axis: 0 Inp1: 2, 1 Inp3: 2, 3 Axis: 1 Inp1: 2, 1, 6 Inp3: 2, 5, 6 Inp3: 2, 6, 6 Axis: 1 Inp1: 7, 1 Inp2: 8, 6, 6 Axis: 1 Inp1: 9, 1, 6 Inp2: 2, 5, 6 Inp3: 2, 3 Axis: 1 Inp1: 2, 1, 6 Inp2: 2, 3, 4 Inp2: 7, 2, 3, 4 Inp2: 7, 2, 3, 4 Inp2: 6, 5, 4		Inp1: 1, 3, 3, 1
Axis: 0 Inp1: 3, 3, 1, 1 Inp2: 3, 3, 1, 2 Inp3: 3, 3, 1, 3 Axis: 3 Inp1: 6, 1, 1 Inp2: 6, 1, 1 Inp3: 6, 1, 1 Axis: 2 Inp1: 2, 1 Inp2: 2, 3 Axis: 1 Inp1: 2, 1, 6 Inp2: 2, 5, 6 Inp3: 2, 6, 6 Axis: 1 Inp1: 1 Inp2: 1 Inp3: 1 Axis: 0 Inp1: 2, 1 Inp2: 2, 1 Inp2: 2, 1 Inp2: 2, 1 Inp3: 1 Axis: 0 Inp1: 2, 1, 6 Inp2: 2, 5, 6 Inp3: 2, 3 Axis: 1 Inp1: 1, 6 Inp2: 2, 1 Inp3: 1 Inp1: 2, 1, 6 Inp2: 2, 3, 4 Inp2: 7, 2, 3, 4 Inp2: 7, 2, 3, 4 Inp2: 7, 2, 3, 4 Inp3: 6, 5, 4 Inp2: 6, 5, 4		Inp2: 2, 3, 3, 1
Inp1: 3, 3, 1, 1 Inp2: 3, 3, 1, 2 Inp3: 3, 3, 1, 3 Axis: 3 Inp1: 6, 1, 1 Inp2: 6, 1, 1 Inp3: 6, 1, 1 Inp3: 6, 1, 1 Inp3: 6, 1, 1 Inp3: 2, 1 Inp1: 2, 1 Inp2: 2, 3 Axis: 1 Inp1: 2, 1, 6 Inp2: 2, 5, 6 Inp3: 2, 6, 6 Axis: 1 Inp1: 1 Inp2: 1 Inp3: 1 Axis: 0 Inp1: 2, 1 Inp3: 2, 1 Inp3: 2, 3 Axis: 1 Inp1: 2, 1, 6 Inp2: 2, 5, 6 Inp3: 2, 6, 6 Axis: 1 Inp1: 2, 1, 6 Inp2: 2, 5, 6 Inp3: 2, 3 Axis: 1 Inp1: 2, 1, 6 Inp2: 2, 5, 6 Inp3: 2, 3, 4 Inp2: 7, 2, 3, 4 Inp2: 7, 2, 3, 4 Inp3: 6, 5, 4 Inp3: 6, 5, 4 Inp3: 6, 5, 4 Inp2: 6, 5, 4 Inp3: 6, 5, 4		
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Inp3: 3, 3, 1, 3		
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Axis: 1 Inp1: 2, 1, 6 Inp2: 2, 5, 6 Inp3: 2, 6, 6 Axis: 1 Inp1: 1 Inp1: 1 Inp2: 1 Inp3: 1 Axis: 0 Inp1: 2, 1 Inp2: 2, 1 Inp2: 2, 1 Inp3: 2, 3 Axis: 1 Inp1: 2, 1, 6 Inp2: 2, 5, 6 Inp3: 2, 6, 6 Axis: 1 Inp1: 6, 2, 3, 4 Inp2: 7, 2, 3, 4 Inp3: 2, 2, 3, 4 Axis: 0 Inp1: 6, 5, 4 Inp3: 6, 5, 4 Inp3: 6, 5, 4		
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Inp2: 2, 5, 6 Inp3: 2, 6, 6 Axis: 1 Inp1: 1 Inp2: 1 Inp3: 1 Axis: 0 Inp1: 2, 1 Inp2: 2, 1 Inp3: 2, 3 Axis: 1 Inp1: 2, 1, 6 Inp2: 2, 5, 6 Inp3: 2, 6, 6 Axis: 1 Inp1: 6, 2, 3, 4 Inp2: 7, 2, 3, 4 Inp3: 2, 2, 3, 4 Axis: 0 Inp1: 6, 5, 4 Inp2: 6, 5, 4 Inp2: 6, 5, 4 Inp2: 6, 5, 4 Inp3: 6, 5, 4		
Inp3: 2, 6, 6 Axis: 1 Inp1: 1 Inp2: 1 Inp3: 1 Axis: 0 Inp1: 2, 1 Inp2: 2, 1 Inp3: 2, 3 Axis: 1 Inp1: 2, 1, 6 Inp2: 2, 5, 6 Inp3: 2, 6, 6 Axis: 1 Inp1: 6, 2, 3, 4 Inp2: 7, 2, 3, 4 Inp3: 2, 2, 3, 4 Axis: 0 Inp1: 6, 5, 4 Inp2: 6, 5, 4 Inp2: 6, 5, 4 Inp3: 6, 5, 4		
Axis: 1 Inp1: 1 Inp2: 1 Inp3: 1 Axis: 0 Inp1: 2, 1 Inp2: 2, 1 Inp2: 2, 1 Inp3: 2, 3 Axis: 1 Inp1: 2, 1, 6 Inp2: 2, 5, 6 Inp3: 2, 6, 6 Axis: 1 Inp1: 6, 2, 3, 4 Inp2: 7, 2, 3, 4 Inp2: 7, 2, 3, 4 Inp3: 2, 2, 3, 4 Axis: 0 Inp1: 6, 5, 4 Inp2: 6, 5, 4 Inp2: 6, 5, 4 Inp3: 6, 5, 4		
Inp2: 1 Inp3: 1 Axis: 0 Inp1: 2, 1 Inp2: 2, 1 Inp3: 2, 3 Axis: 1 Inp1: 2, 1, 6 Inp2: 2, 5, 6 Inp3: 2, 6, 6 Axis: 1 Inp1: 6, 2, 3, 4 Inp2: 7, 2, 3, 4 Inp3: 2, 3, 4 Axis: 0 Inp1: 6, 5, 4 Inp2: 6, 5, 4 Inp2: 6, 5, 4 Inp3: 6, 5, 4		
Inp3: 1		
Axis: 0 Inp1: 2, 1 Inp2: 2, 1 Inp3: 2, 3 Axis: 1 Inp1: 2, 1, 6 Inp2: 2, 5, 6 Inp2: 2, 5, 6 Inp3: 2, 6, 6 Axis: 1 Inp1: 6, 2, 3, 4 Inp2: 7, 2, 3, 4 Inp3: 2, 2, 3, 4 Axis: 0 Inp1: 6, 5, 4 Inp2: 6, 5, 4 Inp2: 6, 5, 4		
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Inp3: 2, 3		Inp1: 2, 1
Axis:1 Inp1: 2, 1, 6 Inp2: 2, 5, 6 Inp3: 2, 6, 6 Axis: 1 Inp1: 6, 2, 3, 4 Inp2: 7, 2, 3, 4 Inp3: 2, 2, 3, 4 Axis: 0 Inp1: 6, 5, 4 Inp2: 6, 5, 4 Inp2: 6, 5, 4		IMPZ: Z, I
Inp1: 2, 1, 6 Inp2: 2, 5, 6 Inp3: 2, 6, 6 Axis: 1 Inp1: 6, 2, 3, 4 Inp2: 7, 2, 3, 4 Inp3: 2, 2, 3, 4 Axis: 0 Inp1: 6, 5, 4 Inp2: 6, 5, 4 Inp2: 6, 5, 4		
Inp2: 2, 5, 6 Inp3: 2, 6, 6 Axis: 1 Inp1: 6, 2, 3, 4 Inp2: 7, 2, 3, 4 Inp3: 2, 2, 3, 4 Axis: 0 Inp1: 6, 5, 4 Inp2: 6, 5, 4 Inp2: 6, 5, 4		
Inp3: 2, 6, 6		
Axis: 1 Inp1: 6, 2, 3, 4 Inp2: 7, 2, 3, 4 Inp3: 2, 2, 3, 4 Axis: 0 Inp1: 6, 5, 4 Inp2: 6, 5, 4 Inp2: 6, 5, 4		
Inp1: 6, 2, 3, 4 Inp2: 7, 2, 3, 4 Inp3: 2, 2, 3, 4 Axis: 0 Inp1: 6, 5, 4 Inp2: 6, 5, 4 Inp2: 6, 5, 4		Axis: 1
Inp2: 7, 2, 3, 4 Inp3: 2, 2, 3, 4 Axis: 0 Inp1: 6, 5, 4 Inp2: 6, 5, 4		
Inp3: 2, 2, 3, 4 Axis: 0 Inp1: 6, 5, 4 Inp2: 6, 5, 4 Inp3: 6, 5, 4		·
Axis: 0 Inp1: 6, 5, 4 Inp2: 6, 5, 4 Inp3: 6, 5, 4		
Inp1: 6, 5, 4 Inp2: 6, 5, 4 Inp3: 6, 5, 4		
Inp2: 6, 5, 4 Inp3: 6, 5, 4		
Inp3: 6, 5, 4		
		Inp3: 6, 5, 4
		Inp1: 8, 3, 5, 2, 5



Kernel name	Parameters
	Inp2: 8, 3, 7, 2, 5
	Inp3: 8, 3, 1, 2, 5
	Axis: 2
	Inp1: 4, 1, 2, 7
	Inp2: 4, 3, 2, 7
	Inp3: 4, 2, 2, 7 Axis: 1
 -	Inp1: 10, 2, 7
	Inp2: 3, 2, 7
	Axis: 0
	Inp1: 2, 3, 3, 4
	Inp2: 2, 4, 3, 4
	Inp3: 2, 2, 3, 4
<u></u>	Axis: 1
	Inp1: 5, 9, 2, 2
	Inp2: 8, 9, 2, 2
	Inp3: 1, 9, 2, 2
	Axis: 0
 -	Inp: 11, 4, 5, 11
<u> </u>	Inp: 8, 4, 8, 9
<u> </u>	Inp: 8, 7, 5, 5
	Inp: 11, 5, 9, 7
<u></u>	Inp: 7, 6, 10, 5, 5
	Inp: 7, 9, 11, 11
	Inp: 5, 10, 9, 8
	Inp: 1, 1, 1, 1
	Inp: 3, 3, 1, 1
	Inp: 4, 1, 1, 1
	Inp: 1, 6, 1, 1
xa_nn_elm_quantize_f32_asym4	Inp: 2, 1
	Inp: 4, 1, 2, 1
-	Inp: 4, 1, 1, 2
 	Axis=0
	Inp: 1, 1, 1
-	Axis=1
	Inp: 1, 1, 1
	Axis=2
	Inp: 1, 1, 1, 1
	Axis=3
	Inp: 1, 1, 1, 1
	Axis=3
	Inp: 3, 3, 1, 1



Kernel name	Parameters
	Axis=2
	Inp: 3, 3, 1, 1
	Axis=0
	Inp: 4, 4, 1, 1
	Axis=1
	Inp: 4, 4, 1, 1
	Axis=0
	Inp: 4, 1, 1, 1 Axis=1
	Inp: 4, 1, 1, 1
	Axis=2
	Inp: 4, 1, 1, 1
	Axis=3
	Inp: 4, 1, 1, 1
	Axis=0
	Inp:4, 1, 1
	Axis=1
	Inp: 4, 1, 1
	Axis=2
	Inp: 4, 1, 1 Axis=0
	Inp: 6, 1
	Axis=1
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	Axis=0
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	Inp: 4, 1, 2, 1
	Axis=2 Inp: 4, 1, 2, 1
	Axis=2
	Inp: 9, 5, 9, 10
	Axis=4
	Inp: 4, 10, 6, 10, 6
	Axis=2
	Inp: 8, 5, 10, 8
	Axis=4
	Inp: 7, 11, 11, 6, 5
	Axis=3
	Inp: 8, 5, 4, 7
	Axis=1
	Inp: 4, 8, 5, 9, 11
	Axis=0
	Inp: 4, 9, 4, 8
xa_nn_elm_quantize_f32_asym8	Inp: 6, 11, 11, 10, 5



Kernel name	Parameters
	Inp: 4, 7, 4, 7
	Inp: 9, 8, 6, 7
	Inp: 10, 6, 4, 10, 10
	Inp: 6, 5, 10, 11, 8
	Inp: 4, 5, 6, 4
	Inp: 8, 7, 7, 5
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	Inp: 3, 3, 1, 1
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	Inp: 1, 6, 1, 1
	Inp: 2, 1
	Inp: 4, 1, 2, 1
	Inp: 4, 1, 1, 2
	Axis=0
	Inp: 1, 1, 1, 1
	Axis=1
	Inp: 1, 1, 1, 1
	Axis=2
	Inp: 1, 1, 1, 1
	Axis=3
	Inp: 1, 1, 1, 1
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	Axis=2
	Inp: 3, 3, 1, 1
	Axis=0
	Inp: 4, 4, 1, 1
	Axis=1 Inp: 4, 4, 1, 1
	Axis=0
	Inp: 4, 1, 1, 1
	Axis=1
	Inp: 4, 1, 1, 1
	Axis=2
	Inp: 4, 1, 1, 1 Axis=3
	Axis=3 Inp: 4, 1, 1, 1
	Axis=0
	Inp:4, 1, 1
	Axis=1
	Inp: 4, 1, 1
	Axis=2
	Inp: 4, 1, 1



Kernel name	Parameters
TOTAL NAME	Axis=0
	Inp: 6, 1
	Axis=1
	Inp: 6, 1
	Axis=0
	Inp: 4, 1, 2, 1
	Axis=1
	Inp: 4, 1, 2, 1 Axis=2
	Inp: 4, 1, 2, 1
	Axis=1
	Inp: 11, 10, 5, 10
	Axis=0
	Inp: 5, 10, 8, 10, 8
	Axis=2
	Inp: 11, 10, 8, 4, 9
	Axis=2
	Inp: 5, 8, 4, 8, 10
	Axis=3
	Inp: 11, 4, 5, 6
	Axis=1
	Inp: 8, 10, 11, 4
	Axis=4
	Inp: 6, 7, 6, 10, 7
	Inp: 5, 6, 8, 7, 7
	Inp: 6, 7, 6, 10, 5
	Inp: 5, 10, 9, 11
	Inp: 4, 9, 4, 9, 6
	Inp: 9, 11, 9, 9, 7
	Inp: 7, 9, 7, 10
	Inp: 5, 11, 9, 6
	Inp: 1, 1, 1, 1
xa_nn_elm_quantize_f32_asym16	Inp: 3, 3, 1, 1
	Inp: 4, 1, 1, 1
	Inp: 1, 6, 1, 1
	Inp: 2, 1
	Inp: 4, 1, 2, 1
	Inp: 4, 1, 1, 2
	Axis=0
	Inp: 1, 1, 1, 1
	Axis=1
	Inp: 1, 1, 1, 1



Kernel name	Parameters
	Axis=2
	Inp: 1, 1, 1
	Axis=3
	Inp: 1, 1, 1
	Axis=3
	Inp: 3, 3, 1, 1
	Axis=2
	Inp: 3, 3, 1, 1
	Axis=0
	Inp: 4, 4, 1, 1
	Axis=1
	Inp: 4, 4, 1, 1
	Axis=0
	Inp: 4, 1, 1, 1
	Axis=1
	Inp: 4, 1, 1, 1
	Axis=2 Inp: 4, 1, 1, 1
	Axis=3
	Inp: 4, 1, 1, 1
	Axis=0
	Inp:4, 1, 1
	Axis=1
	Inp: 4, 1, 1
	Axis=2
	Inp: 4, 1, 1
	Axis=0
	Inp: 6, 1
	Axis=1
	Inp: 6, 1
	Axis=0
	Inp: 4, 1, 2, 1
	Axis=1
	Inp: 4, 1, 2, 1 Axis=2
	Inp: 4, 1, 2, 1
	Axis=1
	Inp: 6, 10, 10, 5
	Axis=2
	Inp: 11, 6, 10, 11
	Axis=4
	Inp: 7, 6, 6, 4, 5
	Axis=2
	Inp: 4, 11, 4, 8, 8
	Axis=1
	Inp: 6, 7, 7, 9, 8



Kernel name	Parameters
•	Axis=2
	Inp: 7, 7, 11, 9
	Axis=1
	Inp: 8, 8, 9, 7
	Inp: 7, 4, 6, 6
	Inp: 9, 5, 11, 4, 9
	Inp: 5, 7, 4, 11, 11
	Inp: 11, 4, 7, 10
	Inp: 11, 10, 6, 9, 9
	Inp: 8, 4, 6, 10
	Inp: 8, 8, 5, 4, 10
	Inp: 1, 1, 1, 1
	Inp: 3, 3, 1, 1
	Inp: 4, 1, 1, 1
	Inp: 1, 6, 1, 1
	Inp: 2, 1
	Inp: 4, 1, 2, 1
	Inp: 4, 1, 1, 2
	Axis=0
	Inp: 1, 1, 1, 1
	Axis=1
xa_nn_elm_quantize_f32_asym4u	Inp: 1, 1, 1, 1
744 - 144 - 144 - 144 - 144 - 144 - 144 - 144 - 144 - 144 - 144 - 144 - 144 - 144 - 144 - 144 - 144 - 144 - 144	Axis=2
	Inp: 1, 1, 1, 1 Axis=3
	Inp: 1, 1, 1, 1
	Axis=3
	Inp: 3, 3, 1, 1
	Axis=2
	Inp: 3, 3, 1, 1
	Axis=0 Inp: 4, 4, 1, 1
	Axis=1
	Inp: 4, 4, 1, 1
	Axis=0
	Inp: 4, 1, 1, 1
	Axis=1 Inp: 4, 1, 1, 1
	Axis=2
	Inp: 4, 1, 1
	Axis=3
	Inp: 4, 1, 1, 1
	Axis=0



Kernel name	Parameters
	Inp:4, 1, 1
	Axis=1
	Inp: 4, 1, 1
	Axis=2
	Inp: 4, 1, 1
	Axis=0 Inp: 6, 1
	Axis=1
	Inp: 6, 1
	Axis=0
	Inp: 4, 1, 2, 1
	Axis=1
	Inp: 4, 1, 2, 1
	Axis=2 Inp: 4, 1, 2, 1
	Axis=4
	Inp: 8, 9, 9, 11, 10
	Axis=0
	Inp: 11, 4, 6, 6
	Axis=1
	Inp: 10, 8, 5, 4
	Axis=0
	Inp: 8, 4, 9, 4, 8
	Axis=4
	Inp: 4, 8, 5, 8, 4
	Axis=4
	Inp: 7, 10, 5, 11, 5
	Axis=1
	Inp: 9, 7, 7, 8, 5
	Inp: 7, 5, 6, 11
	Inp: 9, 4, 11, 4
	Inp: 9, 6, 7, 10
	Inp: 5, 4, 5, 6, 4
	Inp: 5, 9, 5, 9, 9
	Inp: 6, 11, 5, 6
xa_nn_elm_quantize_f32_asym8u	Inp: 6, 6, 4, 7, 11
xa_iii_oiii_qaaiiiizo_ioz_asyiiioa	Inp: 1, 1, 1, 1
	Inp. 3, 3, 1, 1
	Inp: 4, 1, 1, 1
	Inp: 1, 6, 1, 1
	Inp: 2, 1
	Inp: 4, 1, 2, 1



Kernel name	Parameters
	Inp: 4, 1, 1, 2
	Axis=0
	Inp: 1, 1, 1, 1
	Axis=1
	Inp: 1, 1, 1, 1
	Axis=2
	Inp: 1, 1, 1, 1
	Axis=3
	Inp: 1, 1, 1, 1
	Axis=3
	Inp: 3, 3, 1, 1
	Axis=2
	Inp: 3, 3, 1, 1
	Axis=0
	Inp: 4, 4, 1, 1
	Axis=1
	Inp: 4, 4, 1, 1
	Axis=0 Inp: 4, 1, 1, 1
	Axis=1
	Inp: 4, 1, 1
	Axis=2
	Inp: 4, 1, 1, 1
	Axis=3
	Inp: 4, 1, 1, 1
	Axis=0
	Inp:4, 1, 1
	Axis=1
	Inp: 4, 1, 1
	Axis=2
	Inp: 4, 1, 1
	Axis=0 Inp: 6, 1
	Axis=1
	Inp: 6, 1
	Axis=0
	Inp: 4, 1, 2, 1
	Axis=1
	Inp: 4, 1, 2, 1
	Axis=2
	Inp: 4, 1, 2, 1
	Axis=1
	Inp: 10, 7, 10, 4
	Axis=0
	Inp: 7, 10, 6, 10, 9
	Axis=2
	/ MIO L



Kernel name	Parameters
	Inp: 7, 10, 11, 4
	Axis=3
	Inp: 4, 6, 5, 6, 11
	Axis=2
	Inp: 10, 8, 7, 11, 9
	Axis=2
	Inp: 8, 5, 5, 5
	Axis=4
	Inp: 4, 11, 6, 10, 9
	Inp: 10, 10, 8, 4, 6
	Inp: 5, 9, 8, 11
	Inp: 4, 5, 11, 10, 9
	Inp: 9, 4, 4, 5
	Inp: 6, 11, 9, 5
	Inp: 6, 8, 4, 5, 8
<u> </u>	Inp: 9, 8, 7, 7, 7
<u> </u>	Inp: 1, 1, 1, 1
	Inp: 3, 3, 1, 1
	Inp: 4, 1, 1, 1
<u> </u>	Inp: 1, 6, 1, 1
	Inp: 2, 1
	Inp: 4, 1, 2, 1
	Inp: 4, 1, 1, 2
	Axis=0
xa_nn_elm_quantize_f32_asym16u	Inp: 1, 1, 1, 1
	Axis=1
	Inp: 1, 1, 1, 1
	Axis=2
	Inp: 1, 1, 1, 1
	Axis=3 Inp: 1, 1, 1, 1
	Axis=3
	Inp: 3, 3, 1, 1
	Axis=2
	Inp: 3, 3, 1, 1
	Axis=0
	Inp: 4, 4, 1, 1
	Axis=1 Inp: 4, 4, 1, 1
 	Axis=0
	Inp: 4, 1, 1, 1
	Axis=1
	Inp: 4, 1, 1, 1



Kernel name	Parameters
	Axis=2
	Inp: 4, 1, 1, 1
	Axis=3
	Inp: 4, 1, 1, 1
	Axis=0
	Inp:4, 1, 1
	Axis=1 Inp: 4, 1, 1
	Axis=2
	Inp: 4, 1, 1
	Axis=0
	Inp: 6, 1
	Axis=1
	Inp: 6, 1
	Axis=0
	Inp: 4, 1, 2, 1 Axis=1
	Inp: 4, 1, 2, 1
	Axis=2
	Inp: 4, 1, 2, 1
	Axis=3
	Inp: 10, 8, 4, 7
	Axis=2
	Inp: 7, 10, 6, 10, 9
	Axis=1
	Inp: 10, 4, 10, 10
	Axis=1
	Inp: 6, 5, 8, 8, 9
	Axis=1
	Inp: 5, 5, 9, 5, 5
	Axis=0
	Inp: 5, 8, 8, 6, 11
	Axis=2
	Inp: 6, 8, 11, 5, 9
	Inp: 6, 6, 4, 10, 5
	Inp: 9, 6, 9, 7
	Inp: 9, 4, 6, 11, 10
	·
	Inp: 11, 8, 4, 7, 4
xa_nn_elm_quantize_f32_sym4	Inp: 8, 5, 5, 5
	Inp: 6, 7, 11, 11, 10
	Inp: 9, 4, 8, 11
	Inp: 1, 1, 1, 1
	Inp: 3, 3, 1, 1



Kernel name	Parameters
	Inp: 4, 1, 1, 1
	Inp: 1, 6, 1, 1
	Inp: 2, 1
	Inp: 4, 1, 2, 1
	Inp: 4, 1, 1, 2
	Axis=0
	Inp: 1, 1, 1, 1
	Axis=1
	Inp: 1, 1, 1, 1
	Axis=2
	Inp: 1, 1, 1, 1
	Axis=3
	Inp: 1, 1, 1, 1
	Axis=3
	Inp: 3, 3, 1, 1
	Axis=2
	Inp: 3, 3, 1, 1 Axis=0
	Inp: 4, 4, 1, 1
	Axis=1
	Inp: 4, 4, 1, 1
	Axis=0
	Inp: 4, 1, 1
	Axis=1
	Inp: 4, 1, 1, 1 Axis=2
	Inp: 4, 1 , 1
	Axis=3
	Inp: 4, 1, 1, 1
	Axis=0
	Inp:4, 1, 1
	Axis=1
	Inp: 4, 1, 1
	Axis=2 Inp: 4, 1, 1
	Axis=0
	Inp: 6, 1
	Axis=1
	Inp: 6, 1
	Axis=0
	Inp: 4, 1, 2, 1
	Axis=1 Inp: 4, 1, 2, 1
	Axis=2
	Inp: 4, 1, 2, 1
	Axis=2



Inp: 6, 8, 5, 4	
Axis=1	
Inp: 4, 7, 10, 10, 4	
Axis=1	
Inp: 5, 7, 10, 4	
Axis=4	
Inp: 4, 6, 9, 6, 7	
Axis=0	
Inp: 11, 7, 9, 7	
Axis=0	
Inp: 7, 8, 8, 10	
Axis=0	
Inp: 10, 11, 10, 7, 9	
 Inp: 7, 9, 10, 5, 7	
 Inp: 4, 10, 11, 11	
Inp: 5, 8, 10, 9, 8	
Inp: 10, 8, 8, 8	
-	
·	
·	
·	
-	xa_nn_elm_quantize_f32_sym8
•	
Inp: 1, 1, 1, 1	
Axis=3	
Inp: 3, 3, 1, 1	
Axis=0 Inp: 11, 7, 9, 7 Axis=0 Inp: 7, 8, 8, 10 Axis=0 Inp: 10, 11, 10, 7, 9 Inp: 7, 9, 10, 5, 7 Inp: 4, 10, 11, 11 Inp: 5, 8, 10, 9, 8 Inp: 10, 8, 8, 8 Inp: 4, 9, 6, 10 Inp: 9, 9, 7, 9 Inp: 6, 6, 5, 11, 4 Inp: 1, 1, 1, 1 Inp: 3, 3, 1, 1 Inp: 4, 1, 1, 1 Inp: 4, 1, 2, 1 Inp: 4, 1, 2, 1 Inp: 4, 1, 1, 1 Axis=1 Inp: 1, 1, 1, 1 Axis=2 Inp: 1, 1, 1, 1 Axis=3 Inp: 1, 1, 1, 1 Axis=3 Inp: 1, 1, 1, 1	xa_nn_elm_quantize_f32_sym8



Kernel name	Parameters
	Axis=1
	Inp: 4, 4, 1, 1
	Axis=0
	Inp: 4, 1, 1, 1
	Axis=1
	Inp: 4, 1, 1, 1
	Axis=2
	Inp: 4, 1, 1, 1 Axis=3
	Inp: 4, 1, 1, 1
	Axis=0
	Inp:4, 1, 1
	Axis=1
	Inp: 4, 1, 1
	Axis=2
	Inp: 4, 1, 1
	Axis=0
	Inp: 6, 1
	Axis=1
	Inp: 6, 1
	Axis=0
	Inp: 4, 1, 2, 1 Axis=1
	Inp: 4, 1, 2, 1
	Axis=2
	Inp: 4, 1, 2, 1
	Axis=4
	Inp: 6, 6, 4, 10, 7
	Axis=2
	Inp: 5, 5, 7, 7
	Axis=2
	Inp: 6, 9, 8, 10
	Axis=3
	Inp: 8, 10, 6, 7, 10
	Axis=0
	Inp: 5, 6, 5, 8, 11
	Axis=3
	Inp: 5, 10, 6, 11, 11
	Axis=4
	Inp: 4, 10, 6, 6, 6
	Inp: 11, 6, 9, 6, 9
va no alm quantiza f20 aum16	Inp: 11, 6, 7, 6, 10
xa_nn_elm_quantize_f32_sym16	Inp: 7, 11, 11, 11
	Inp: 10, 8, 8, 7, 11



Kernel name	Parameters
	Inp: 10, 11, 6, 4
	Inp: 7, 11, 8, 6
	Inp: 8, 7, 9, 10
	Inp: 1, 1, 1, 1
	Inp: 3, 3, 1, 1
	Inp: 4, 1, 1, 1
	Inp: 1, 6, 1, 1
	Inp: 2, 1
	Inp: 4, 1, 2, 1
	Inp: 4, 1, 1, 2
	Axis=0
	Inp: 1, 1, 1, 1
	Axis=1 Inp: 1, 1, 1, 1
	Axis=2
	Inp: 1, 1, 1, 1
	Axis=3
	Inp: 1, 1, 1
	Axis=3
	Inp: 3, 3, 1, 1
	Axis=2
	Inp: 3, 3, 1, 1
	Axis=0 Inp: 4, 4, 1, 1
	Axis=1
	Inp: 4, 4, 1, 1
	Axis=0
	Inp: 4, 1, 1, 1
	Axis=1
	Inp: 4, 1, 1, 1
	Axis=2 Inp: 4, 1, 1, 1
	Axis=3
	Inp: 4, 1, 1, 1
	Axis=0
	Inp:4, 1, 1
	Axis=1
	Inp: 4, 1, 1
	Axis=2
	Inp: 4, 1, 1 Axis=0
	AXIS=0 Inp: 6, 1
	Axis=1
	Inp: 6, 1



Kernel name	Parameters
	Axis=0
	Inp: 4, 1, 2, 1
	Axis=1
	Inp: 4, 1, 2, 1
	Axis=2 Inp: 4, 1, 2, 1
	Axis=1
	Inp: 11, 4, 11, 5, 5
	Axis=0
	Inp: 5, 7, 7, 10
	Axis=3
	Inp: 7, 5, 5, 8, 5
	Axis=3
	Inp: 7, 9, 9, 10
	Axis=1
	Inp: 4, 6, 10, 11
	Axis=0
	Inp: 6, 6, 10, 11, 9
	Axis=1
	Inp: 6, 4, 8, 6
	Inp: 10, 10, 5, 5
	Inp: 10, 10, 7, 6
	Inp: 5, 7, 10, 7
	Inp: 10, 4, 8, 6
	Inp: 10, 10, 9, 10, 7
	Inp: 8, 10, 6, 10
	Inp: 6, 10, 7, 8
	Inp: 1, 1, 1, 1
	Inp: 3, 3, 1, 1
	Inp: 4, 1, 1, 1
xa_nn_elm_quantize_f32_sym4u	Inp: 1, 6, 1, 1
	Inp: 2, 1
	Inp: 4, 1, 2, 1
	Inp: 4, 1, 1, 2
	Axis=0
	Inp: 1, 1, 1, 1
	Axis=1 Inp: 1, 1, 1, 1
	Axis=2
	Inp: 1, 1, 1
	Axis=3
	Inp: 1, 1, 1, 1



Kernel name	Parameters
	Axis=3
	Inp: 3, 3, 1, 1
	Axis=2
	Inp: 3, 3, 1, 1
	Axis=0
	Inp: 4, 4, 1, 1
	Axis=1 Inp: 4, 4, 1, 1
	Axis=0
	Inp: 4, 1, 1, 1
	Axis=1
	Inp: 4, 1, 1, 1
	Axis=2
	Inp: 4, 1, 1, 1
	Axis=3
	Inp: 4, 1, 1, 1
	Axis=0
	Inp:4, 1, 1
	Axis=1
	Inp: 4, 1, 1
	Axis=2
	Inp: 4, 1, 1
	Axis=0 Inp: 6, 1
	Axis=1
	Inp: 6, 1
	Axis=0
	Inp: 4, 1, 2, 1
	Axis=1
	Inp: 4, 1, 2, 1
	Axis=2
	Inp: 4, 1, 2, 1
	Axis=0
	Inp: 11, 8, 10, 6
	Axis=2
	Inp: 9, 10, 8, 8
	Axis=2
	Inp: 7, 11, 4, 5
	Axis=3
	Inp: 7, 5, 9, 10
	Axis=4
	Inp: 10, 5, 7, 8, 10
	Axis=2
	Inp: 8, 6, 5, 7, 8
	Axis=1
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Kernel name	Parameters
	Inp: 8, 10, 5, 8
	Inp: 8, 7, 7, 8, 10
	Inp: 8, 6, 8, 7
	Inp: 6, 11, 4, 11, 10
	Inp: 11, 10, 11, 7
	Inp: 7, 7, 8, 6, 10
	Inp: 8, 5, 4, 7, 11
	Inp: 10, 6, 5, 11, 6
	Inp: 1, 1, 1, 1
	Inp: 3, 3, 1, 1
	Inp: 4, 1, 1, 1
	Inp: 1, 6, 1, 1
	Inp: 2, 1
	Inp: 4, 1, 2, 1
	Inp: 4, 1, 1, 2
	Axis=0
	Inp: 1, 1, 1, 1
	Axis=1
	Inp: 1, 1, 1, 1
	Axis=2
xa_nn_elm_quantize_f32_sym8u	Inp: 1, 1, 1, 1
	Axis=3 Inp: 1, 1, 1, 1
	Axis=3
	Inp: 3, 3, 1, 1
	Axis=2
	Inp: 3, 3, 1, 1
	Axis=0
	Inp: 4, 4, 1, 1
	Axis=1 Inp: 4, 4, 1, 1
	Axis=0
	Inp: 4, 1, 1, 1
	Axis=1
	Inp: 4, 1, 1, 1
	Axis=2 Inp: 4, 1, 1, 1
	Axis=3
	Inp: 4, 1, 1, 1
	Axis=0
	Inp:4, 1, 1
	Axis=1
	Inp: 4, 1, 1



Kernel name	Parameters
	Axis=2
	Inp: 4, 1, 1
	Axis=0
	Inp: 6, 1
	Axis=1 Inp: 6, 1
	Axis=0
	Inp: 4, 1, 2, 1
	Axis=1
	Inp: 4, 1, 2, 1
	Axis=2
	Inp: 4, 1, 2, 1
	Axis=1
	Inp: 10, 7, 10, 4
	Axis=0
	Inp: 7, 10, 6, 10, 9
	Axis=2
	Inp: 7, 10, 11, 4
	Axis=3
	Inp: 4, 6, 5, 6, 11
	Axis=2
	Inp: 10, 8, 7, 11, 9
	Axis=2
	Inp: 8, 5, 5, 5
	Axis=4
	Inp: 4, 11, 6, 10, 9
	Inp: 10, 10, 7, 9
	Inp: 7, 5, 6, 9
	Inp: 11, 6, 11, 11
	Inp: 5, 10, 8, 8, 10
	Inp: 9, 6, 11, 4
	Inp: 10, 4, 6, 7
	Inp: 11, 10, 7, 11, 8
xa_nn_elm_quantize_f32_sym16u	Inp: 1, 1, 1, 1
	Inp: 3, 3, 1, 1
	Inp: 4, 1, 1, 1
	Inp: 1, 6, 1, 1
	Inp: 2, 1
	Inp: 4, 1, 2, 1
	Inp: 4, 1, 1, 2
	Axis=0
	Inp: 1, 1, 1, 1



Kernel name	Parameters
	Axis=1
	Inp: 1, 1, 1, 1
	Axis=2
	Inp: 1, 1, 1, 1
	Axis=3
	Inp: 1, 1, 1, 1
	Axis=3
	Inp: 3, 3, 1, 1
	Axis=2
	Inp: 3, 3, 1, 1
	Axis=0
	Inp: 4, 4, 1, 1
	Axis=1 Inp: 4, 4, 1, 1
	Axis=0
	Inp: 4, 1, 1
	Axis=1
	Inp: 4, 1, 1
	Axis=2
	Inp: 4, 1, 1, 1
	Axis=3
	Inp: 4, 1, 1, 1
	Axis=0
	Inp:4, 1, 1
	Axis=1
	Inp: 4, 1, 1
	Axis=2 Inp: 4, 1, 1
	Axis=0
	Inp: 6, 1
	Axis=1
	Inp: 6, 1
	Axis=0
	Inp: 4, 1, 2, 1
	Axis=1
	Inp: 4, 1, 2, 1
	Axis=2
	Inp: 4, 1, 2, 1
	Axis=2
	Inp: 8, 9, 5, 5
	Axis=0
	Inp: 7, 7, 8, 11, 11
	Axis=0
	Inp: 8, 6, 10, 11
	Axis=4
	Inp: 9, 6, 10, 5, 10



Kernel name	Parameters
	Axis=1
	Inp: 8, 5, 10, 4, 5
	Axis=1
	Inp: 7, 5, 4, 11
	Axis=2
	Inp: 7, 11, 10, 11, 7
	Inp: 11, 4, 5, 11
	Inp: 8, 4, 8, 9
	Inp: 8, 7, 5, 5
	Inp: 11, 5, 9, 7
	Inp: 7, 6, 10, 5, 5
	Inp: 7, 9, 11, 11
	Inp: 5, 10, 9, 8
	Inp: 1, 1, 1, 1
	·
	Inp: 3, 3, 1, 1
	Inp: 4, 1, 1, 1
	Inp: 1, 6, 1, 1
	Inp: 2, 1
	Inp: 4, 1, 2, 1
	Inp: 4, 1, 1, 2
	Axis=0
	Inp: 1, 1, 1, 1
xa_nn_elm_dequantize_f32_asym4	Axis=1
	Inp: 1, 1, 1, 1 Axis=2
	Inp: 1, 1, 1, 1
	Axis=3
	Inp: 1, 1, 1, 1
	Axis=3
	Inp: 3, 3, 1, 1
	Axis=2
	Inp: 3, 3, 1, 1
	Axis=0
	Inp: 4, 4, 1, 1 Axis=1
	Inp: 4, 4, 1, 1
	Axis=0
	Inp: 4, 1, 1, 1
	Axis=1
	Inp: 4, 1, 1, 1
	Axis=2
	Inp: 4, 1, 1, 1



Kernel name	Parameters
	Axis=3
	Inp: 4, 1, 1, 1
	Axis=0
	Inp:4, 1, 1
	Axis=1
	Inp: 4, 1, 1
	Axis=2 Inp: 4, 1, 1
	Axis=0
	Inp: 6, 1
	Axis=1
	Inp: 6, 1
	Axis=0
	Inp: 4, 1, 2, 1
	Axis=1
	Inp: 4, 1, 2, 1
	Axis=2 Inp: 4, 1, 2, 1
	Axis=2
	Inp: 9, 5, 9, 10
	Axis=4
	Inp: 4, 10, 6, 10, 6
	Axis=2
	Inp: 8, 5, 10, 8
	Axis=4
	Inp: 7, 11, 11, 6, 5
	Axis=3
	Inp: 8, 5, 4, 7
	Axis=1
	Inp: 4, 8, 5, 9, 11
	Axis=0
	Inp: 4, 9, 4, 8
	Inp: 6, 11, 11, 10, 5
	Inp: 4, 7, 4, 7
	Inp: 9, 8, 6, 7
	Inp: 10, 6, 4, 10, 10
	Inp: 6, 5, 10, 11, 8
xa_nn_elm_dequantize_f32_asym8	Inp: 4, 5, 6, 4
	Inp: 8, 7, 7, 5
	Inp: 1, 1, 1, 1
	Inp: 3, 3, 1, 1
	Inp: 4, 1, 1, 1
	Inp: 1, 6, 1, 1



Kernel name	Parameters
	Inp: 2, 1
	Inp: 4, 1, 2, 1
	Inp: 4, 1, 1, 2
	Axis=0
	Inp: 1, 1, 1, 1
	Axis=1
	Inp: 1, 1, 1, 1
	Axis=2
	Inp: 1, 1, 1, 1
	Axis=3
	Inp: 1, 1, 1, 1
	Axis=3
	Inp: 3, 3, 1, 1
	Axis=2
	Inp: 3, 3, 1, 1
	Axis=0 Inp: 4, 4, 1, 1
	Axis=1
	Inp: 4, 4, 1, 1
	Axis=0
	Inp: 4, 1, 1, 1
	Axis=1
	Inp: 4, 1, 1, 1
	Axis=2
	Inp: 4, 1, 1, 1 Axis=3
	Inp: 4, 1, 1
	Axis=0
	Inp:4, 1, 1
	Axis=1
	Inp: 4, 1, 1
	Axis=2
	Inp: 4, 1, 1
	Axis=0
	Inp: 6, 1
	Axis=1 Inp: 6, 1
	Axis=0
	Inp: 4, 1, 2, 1
	Axis=1
	Inp: 4, 1, 2, 1
	Axis=2
	Inp: 4, 1, 2, 1
	Axis=1
	Inp: 1, 10, 5, 10
	Axis=0



Kernel name	Parameters
	Inp: 5, 10, 8, 10, 8
	Axis=2
	Inp: 11, 10, 8, 4, 9
	Axis=2
	Inp: 5, 8, 4, 8, 10
	Axis=3
	Inp: 11, 4, 5, 6
	Axis=1
	Inp: 8, 10, 11, 4
	Axis=4
	Inp: 6, 7, 6, 10, 7
	Inp: 5, 6, 8, 7, 7
	Inp: 6, 7, 6, 10, 5
	Inp: 5, 10, 9, 11
	Inp: 4, 9, 4, 9, 6
	Inp: 9, 11, 9, 9, 7
	Inp: 7, 9, 7, 10
	Inp: 5, 11, 9, 6
	Inp: 1, 1, 1, 1
	Inp: 3, 3, 1, 1
	Inp: 4, 1, 1, 1
	Inp: 1, 6, 1, 1
	Inp: 2, 1
	Inp: 4, 1, 2, 1
va no also degreentine (20 accom16	Inp: 4, 1, 1, 2
xa_nn_elm_dequantize_f32_asym16	Axis=0
	Inp: 1, 1, 1, 1
	Axis=1
	Inp: 1, 1, 1, 1
	Axis=2
	Inp: 1, 1, 1, 1
	Axis=3
	Inp: 1, 1, 1, 1
	Axis=3 Inp: 3, 3, 1, 1
	Axis=2
	Inp: 3, 3, 1, 1
	Axis=0
	Inp: 4, 4, 1, 1
	Axis=1
	Inp: 4, 4, 1, 1



Kernel name	Parameters
	Axis=0
	Inp: 4, 1, 1, 1
	Axis=1
	Inp: 4, 1, 1
	Axis=2
	Inp: 4, 1, 1, 1
	Axis=3 Inp: 4, 1, 1, 1
	Axis=0
	Inp:4, 1, 1
	Axis=1
	Inp: 4, 1, 1
	Axis=2
	Inp: 4, 1, 1
	Axis=0
	Inp: 6, 1
	Axis=1
	Inp: 6, 1
	Axis=0
	Inp: 4, 1, 2, 1 Axis=1
	Inp: 4, 1, 2, 1
	Axis=2
	Inp: 4, 1, 2, 1
	Axis=1
	Inp: 6, 10, 10, 5
	Axis=2
	Inp: 11, 6, 10, 11
	Axis=4
	Inp: 7, 6, 6, 4, 5
	Axis=2
	Inp: 4, 11, 4, 8, 8
	Axis=1
	Inp: 6, 7, 7, 9, 8
	Axis=2
	Inp: 7, 7, 11, 9
	Axis=1
	Inp: 8, 8, 9, 7
	Inp: 7, 4, 6, 6
	Inp: 9, 5, 11, 4, 9
xa_nn_elm_dequantize_f32_asym4u	Inp: 5, 7, 4, 11, 11
7.62_111_0111_d0qdd11820_102_d0y1117d	Inp: 11, 4, 7, 10
	Inp: 11, 10, 6, 9, 9
	Inp: 8, 4, 6, 10



Kernel name	Parameters
	Inp: 8, 8, 5, 4, 10
	Inp: 1, 1, 1, 1
	Inp: 3, 3, 1, 1
	Inp: 4, 1, 1, 1
	Inp: 1, 6, 1, 1
	Inp: 2, 1
	Inp: 4, 1, 2, 1
	Inp: 4, 1, 1, 2
	Axis=0
	Inp: 1, 1, 1, 1
	Axis=1
	Inp: 1, 1, 1, 1 Axis=2
	Inp: 1, 1, 1, 1
	Axis=3
	Inp: 1, 1, 1, 1
	Axis=3
	Inp: 3, 3, 1, 1
	Axis=2
	Inp: 3, 3, 1, 1
	Axis=0
	Inp: 4, 4, 1, 1
	Axis=1
	Inp: 4, 4, 1, 1 Axis=0
	Inp: 4, 1, 1, 1
	Axis=1
	Inp: 4, 1, 1, 1
	Axis=2
	Inp: 4, 1, 1, 1
	Axis=3
	Inp: 4, 1, 1, 1
	Axis=0
	Inp:4, 1, 1
	Axis=1 Inp: 4, 1, 1
	Axis=2
	Inp: 4, 1, 1
	Axis=0
	Inp: 6, 1
	Axis=1
	Inp: 6, 1
	Axis=0
	Inp: 4, 1, 2, 1



Kernel name	Parameters
	Axis=1
	Inp: 4, 1, 2, 1
	Axis=2
	Inp: 4, 1, 2, 1
	Axis=4
	Inp: 8, 9, 9, 11, 10
	Axis=0
	Inp: 11, 4, 6, 6
	Axis=1
	Inp: 10, 8, 5, 4
	Axis=0
	Inp: 8, 4, 9, 4, 8
	Axis=4
	Inp: 4, 8, 5, 8, 4
	Axis=4
	Inp: 7, 10, 5, 11, 5
	Axis=1
	Inp: 9, 7, 7, 8, 5
	Inp: 7, 5, 6, 11
	Inp: 9, 4, 11, 4
	Inp: 9, 6, 7, 10
	Inp: 5, 4, 5, 6, 4
	Inp: 5, 9, 5, 9, 9
	Inp: 6, 11, 5, 6
	Inp: 6, 6, 4, 7, 11
	Inp: 1, 1, 1, 1
	Inp: 3, 3, 1, 1
	Inp: 4, 1, 1, 1
	Inp: 1, 6, 1, 1
xa_nn_elm_dequantize_f32_asym8u	Inp: 2, 1
, ,	Inp: 4, 1, 2, 1
	Inp: 4, 1, 1, 2
	Axis=0 Inp: 1, 1, 1, 1
	Axis=1
	Inp: 1, 1, 1
	Axis=2
	Inp: 1, 1, 1, 1
	Axis=3
	Inp: 1, 1, 1, 1
	Axis=3
	Inp: 3, 3, 1, 1



Kernel name	Parameters
	Axis=2
	Inp: 3, 3, 1, 1
	Axis=0
	Inp: 4, 4, 1, 1
	Axis=1
	Inp: 4, 4, 1, 1
	Axis=0
	Inp: 4, 1, 1, 1
	Axis=1 Inp: 4, 1, 1, 1
	Axis=2
	Inp: 4, 1, 1, 1
	Axis=3
	Inp: 4, 1, 1, 1
	Axis=0
	Inp:4, 1, 1
	Axis=1
	Inp: 4, 1, 1
	Axis=2
	Inp: 4, 1, 1
	Axis=0
	Inp: 6, 1
	Axis=1 Inp: 6, 1
	Axis=0
	Inp: 4, 1, 2, 1
	Axis=1
	Inp: 4, 1, 2, 1
	Axis=2
	Inp: 4, 1, 2, 1
	Axis=1
	Inp: 10, 7, 10, 4
	Axis=0
	Inp: 7, 10, 6, 10, 9
	Axis=2
	Inp: 7, 10, 11, 4
	Axis=3
	Inp: 4, 6, 5, 6, 11
	Axis=2
	Inp: 10, 8, 7, 11, 9
	Axis=2
	Inp: 8, 5, 5, 5
	Axis=4
	Inp: 4, 11, 6, 10, 9
xa_nn_elm_dequantize_f32_asym16u	Inp: 10, 10, 8, 4, 6



Kernel name	Parameters
	Inp: 5, 9, 8, 11
	Inp: 4, 5, 11, 10, 9
	Inp: 9, 4, 4, 5
	Inp: 6, 11, 9, 5
	Inp: 6, 8, 4, 5, 8
	Inp: 9, 8, 7, 7, 7
	Inp: 1, 1, 1, 1
	Inp: 3, 3, 1, 1
	Inp: 4, 1, 1, 1
	Inp: 1, 6, 1, 1
	Inp: 2, 1
	Inp: 4, 1, 2, 1
	Inp: 4, 1, 1, 2 Axis=0
	Inp: 1, 1, 1, 1
	Axis=1
	Inp: 1, 1, 1
	Axis=2
	Inp: 1, 1, 1, 1
	Axis=3
	Inp: 1, 1, 1, 1
	Axis=3 Inp: 3, 3, 1, 1
	Axis=2
	Inp: 3, 3, 1, 1
	Axis=0
	Inp: 4, 4, 1, 1
	Axis=1 Inp: 4, 4, 1, 1
	Axis=0
	Inp: 4, 1, 1, 1
	Axis=1
	Inp: 4, 1, 1, 1
	Axis=2
	Inp: 4, 1, 1, 1 Axis=3
	Inp: 4, 1, 1, 1
	Axis=0
	Inp:4, 1, 1
	Axis=1
	Inp: 4, 1, 1
	Axis=2 Inp: 4, 1, 1
	пр. ч , т, т



Kernel name	Parameters
Nomer name	Axis=0
	Inp: 6, 1
	Axis=1
	Inp: 6, 1
	Axis=0
	Inp: 4, 1, 2, 1
	Axis=1
	Inp: 4, 1, 2, 1 Axis=2
	Inp: 4, 1, 2, 1
	Axis=3
	Inp: 10, 8, 4, 7
	Axis=2
	Inp: 7, 10, 6, 10, 9
	Axis=1
	Inp: 10, 4, 10, 10
	Axis=1
	Inp: 6, 5, 8, 8, 9
	Axis=1
	Inp: 5, 5, 9, 5, 5
	Axis=0
	Inp: 5, 8, 8, 6, 11
	Axis=2
	Inp: 6, 8, 11, 5, 9
	Inp: 6, 6, 4, 10, 5
	Inp: 9, 6, 9, 7
	Inp: 9, 4, 6, 11, 10
	Inp: 11, 8, 4, 7, 4
	Inp: 8, 5, 5, 5
	Inp: 6, 7, 11, 11, 10
	·
	Inp: 9, 4, 8, 11
	Inp: 1, 1, 1, 1
xa_nn_elm_dequantize_f32_sym4	Inp: 3, 3, 1, 1
	Inp: 4, 1, 1, 1
	Inp: 1, 6, 1, 1
	Inp: 2, 1
	Inp: 4, 1, 2, 1
	Inp: 4, 1, 1, 2
	Axis=0
	Inp: 1, 1, 1, 1
	Axis=1
	Inp: 1, 1, 1, 1



Kernel name	Parameters
-	Axis=2
	Inp: 1, 1, 1
	Axis=3
	Inp: 1, 1, 1, 1
	Axis=3
	Inp: 3, 3, 1, 1
	Axis=2
	Inp: 3, 3, 1, 1
	Axis=0
	Inp: 4, 4, 1, 1
	Axis=1
	Inp: 4, 4, 1, 1
	Axis=0
	Inp: 4, 1, 1, 1
	Axis=1
	Inp: 4, 1, 1, 1
	Axis=2 Inp: 4, 1, 1, 1
	Axis=3
	Inp: 4, 1, 1, 1
	Axis=0
	Inp:4, 1, 1
	Axis=1
	Inp: 4, 1, 1
	Axis=2
	Inp: 4, 1, 1
	Axis=0
	Inp: 6, 1
	Axis=1
	Inp: 6, 1
	Axis=0
	Inp: 4, 1, 2, 1
	Axis=1
	Inp: 4, 1, 2, 1
	Axis=2 Inp: 4, 1, 2, 1
	Axis=2
	Inp: 6, 8, 5, 4
	Axis=1
	Inp: 4, 7, 10, 10, 4
	Axis=1
	Inp: 5, 7, 10, 4
	Axis=4
	Inp: 4, 6, 9, 6, 7
	Axis=0
	Inp: 11, 7, 9, 7



Kernel name	Parameters
	Axis=0
	Inp: 7, 8, 8, 10
	Axis=0
	Inp: 10, 11, 10, 7, 9
	Inp: 7, 9, 10, 5, 7
	Inp: 4, 10, 11, 11
	Inp: 5, 8, 10, 9, 8
	Inp: 10, 8, 8, 8
	Inp: 4, 9, 6, 10
	Inp: 9, 9, 7, 9
	Inp: 6, 6, 5, 11, 4
	Inp: 1, 1, 1, 1
	Inp: 3, 3, 1, 1
	Inp: 4, 1, 1, 1
	Inp: 1, 6, 1, 1
	Inp: 2, 1
	Inp: 4, 1, 2, 1
	Inp: 4, 1, 1, 2
	Axis=0
	Inp: 1, 1, 1, 1
	Axis=1
xa_nn_elm_dequantize_f32_sym8	Inp: 1, 1, 1, 1
	Axis=2 Inp: 1, 1, 1, 1
	Axis=3
	Inp: 1, 1, 1, 1
	Axis=3
	Inp: 3, 3, 1, 1
	Axis=2
	Inp: 3, 3, 1, 1 Axis=0
	Inp: 4, 4, 1, 1
	Axis=1
	Inp: 4, 4, 1, 1
	Axis=0
	Inp: 4, 1, 1, 1
	Axis=1 Inp: 4, 1, 1, 1
	Axis=2
	Inp: 4, 1, 1
	Axis=3
	Inp: 4, 1, 1, 1
	Axis=0



Kernel name	Parameters
	Inp:4, 1, 1
	Axis=1
	Inp: 4, 1, 1
	Axis=3
	Inp: 4, 1, 1
	Axis=0 Inp: 6, 1
	Axis=1
	Inp: 6, 1
	Axis=0
	Inp: 4, 1, 2, 1
	Axis=1
	Inp: 4, 1, 2, 1 Axis=2
	Inp: 4, 1, 2, 1
	Axis=4
	Inp: 6, 6, 4, 10, 7
	Axis=2
	Inp: 5, 5, 7, 7
	Axis=2
	Inp: 6, 9, 8, 10
	Axis=3
	Inp: 8, 10, 6, 7, 10
	Axis=0
	Inp: 5, 6, 5, 8, 11
	Axis=3
	Inp: 5, 10, 6, 11, 11
	Axis=4
	Inp: 4, 10, 6, 6, 6
	Inp: 11, 6, 9, 6, 9
	Inp: 11, 6, 7, 6, 10
	Inp: 7, 11, 11, 11
	Inp: 10, 8, 8, 7, 11
	Inp: 10, 11, 6, 4
	Inp: 7, 11, 8, 6
xa_nn_elm_dequantize_f32_sym16	Inp: 8, 7, 9, 10
	Inp: 1, 1, 1, 1
	Inp: 3, 3, 1, 1
	Inp: 4, 1, 1, 1
	Inp: 1, 6, 1, 1
	Inp: 2, 1
	Inp: 4, 1, 2, 1
	πρ. τ, 1, Δ, 1



Kernel name	Parameters
	Inp: 4, 1, 1, 2
	Axis=0
	Inp: 1, 1, 1, 1
	Axis=1
	Inp: 1, 1, 1, 1
	Axis=2
	Inp: 1, 1, 1, 1
	Axis=3
	Inp: 1, 1, 1, 1
	Axis=3
	Inp: 3, 3, 1, 1
	Axis=2
	Inp: 3, 3, 1, 1
	Axis=0
	Inp: 4, 4, 1, 1
	Axis=1 Inp: 4, 4, 1, 1
	Axis=0
	Inp: 4, 1, 1
	Axis=1
	Inp: 4, 1, 1, 1
	Axis=2
	Inp: 4, 1, 1, 1
	Axis=3
	Inp: 4, 1, 1, 1
	Axis=0
	Inp:4, 1, 1
	Axis=1 Inp: 4, 1, 1
	Axis=2
	Inp: 4, 1, 1
	Axis=0
	Inp: 6, 1
	Axis=1
	Inp: 6, 1
	Axis=0
	Inp: 4, 1, 2, 1
	Axis=1
	Inp: 4, 1, 2, 1 Axis=2
	Axis=2 Inp: 4, 1, 2, 1
	Axis=1
	Inp: 11, 4, 11, 5, 5
	Axis=0
	Inp: 5, 7, 7, 10
	Axis=3



Kernel name	Parameters
	Inp: 7, 5, 5, 8, 5
	Axis=3
	Inp: 7, 9, 9, 10
	Axis=1
	Inp: 4, 6, 10, 11
	Axis=0
	Inp: 6, 6, 10, 11, 9
	Axis=1
	Inp: 6, 4, 8, 6
	Inp: 10, 10, 5, 5
	Inp: 10, 10, 7, 6
	Inp: 5, 7, 10, 7
	Inp: 10, 4, 8, 6
	Inp: 10, 10, 9, 10, 7
	Inp: 8, 10, 6, 10
	Inp: 6, 10, 7, 8
	Inp: 1, 1, 1, 1
	Inp: 3, 3, 1, 1
	Inp: 4, 1, 1, 1
	Inp: 1, 6, 1, 1
	Inp: 2, 1
	Inp: 4, 1, 2, 1
	Inp: 4, 1, 1, 2
	Axis=0
xa_nn_elm_dequantize_f32_sym4u	Inp: 1, 1, 1, 1
	Axis=1 Inp: 1, 1, 1, 1
	Axis=2
	Inp: 1, 1, 1, 1
	Axis=3
	Inp: 1, 1, 1, 1
	Axis=3
	Inp: 3, 3, 1, 1
	Axis=2
	Inp: 3, 3, 1, 1
	Axis=0 Inp: 4, 4, 1, 1
	Axis=1
	Inp: 4, 4, 1, 1
	Axis=0
	Inp: 4, 1, 1, 1
	Axis=1
	Inp: 4, 1, 1, 1



Kernel name	Parameters
	Axis=2
	Inp: 4, 1, 1, 1
	Axis=3
	Inp: 4, 1, 1, 1
	Axis=0
	Inp:4, 1, 1
	Axis=1 Inp: 4, 1, 1
	Axis=2
	Inp: 4, 1, 1
	Axis=0
	Inp: 6, 1
	Axis=1
	Inp: 6, 1
	Axis=0
	Inp: 4, 1, 2, 1
	Axis=1 Inp: 4, 1, 2, 1
	Axis=2
	Inp: 4, 1, 2, 1
	Axis=0
	Inp: 11, 8, 10, 6
	Axis=2
	Inp: 9, 10, 8, 8
	Axis=2
	Inp: 7, 11, 4, 5
	Axis=3
	Inp: 7, 5, 9, 10
	Axis=4
	Inp: 10, 5, 7, 8, 10
	Axis=2
	Inp: 8, 6, 5, 7, 8
	Axis=1
	Inp: 8, 10, 5, 8
	Inp: 8, 7, 7, 8, 10
	Inp: 8, 6, 8, 7
	Inp: 6, 11, 4, 11, 10
	·
	Inp: 11, 10, 11, 7
xa_nn_elm_dequantize_f32_sym8u	Inp: 7, 7, 8, 6, 10
	Inp: 8, 5, 4, 7, 11
	Inp: 10, 6, 5, 11, 6
	Inp: 1, 1, 1, 1
	Inp: 3, 3, 1, 1



Kernel name	Parameters
	Inp: 4, 1, 1, 1
	Inp: 1, 6, 1, 1
	Inp: 2, 1
	Inp: 4, 1, 2, 1
	Inp: 4, 1, 1, 2
	Axis=0
	Inp: 1, 1, 1
	Axis=1
	Inp: 1, 1, 1, 1
	Axis=2
	Inp: 1, 1, 1, 1
	Axis=3
	Inp: 1, 1, 1, 1
	Axis=3
	Inp: 3, 3, 1, 1
	Axis=2 Inp: 3, 3, 1, 1
	Axis=0
	Inp: 4, 4, 1, 1
	Axis=1
	Inp: 4, 4, 1, 1
	Axis=0
	Inp: 4, 1, 1, 1
	Axis=1 Inp: 4, 1, 1, 1
	Axis=2
	Inp: 4, 1, 1
	Axis=3
	Inp: 4, 1, 1, 1
	Axis=0
	Inp:4, 1, 1
	Axis=1
	Inp: 4, 1, 1 Axis=2
	Inp: 4, 1, 1
	Axis=0
	Inp: 6, 1
	Axis=1
	Inp: 6, 1
	Axis=0
	Inp: 4, 1, 2, 1 Axis=1
	Axis=1 Inp: 4, 1, 2, 1
	Axis=2
	Inp: 4, 1, 2, 1
	Axis=1



Kernel name	Parameters
	Inp: 10, 7, 10, 4
	Axis=0
	Inp: 7, 10, 6, 10, 9
	Axis=2
	Inp: 7, 10, 11, 4
	Axis=3
	Inp: 4, 6, 5, 6, 11
	Axis=2
	Inp: 10, 8, 7, 11, 9
	Axis=2
	Inp: 8, 5, 5, 5
	Axis=4
	Inp: 4, 11, 6, 10, 9
	Inp: 10, 10, 7, 9
	Inp: 7, 5, 6, 9
	Inp: 11, 6, 11, 11
	Inp: 5, 10, 8, 8, 10
	Inp: 9, 6, 11, 4
	Inp: 10, 4, 6, 7
	Inp: 11, 10, 7, 11, 8
	Inp: 1, 1, 1, 1
	Inp: 3, 3, 1, 1
	Inp: 4, 1, 1, 1
	Inp: 1, 6, 1, 1
	Inp: 2, 1
	Inp: 4, 1, 2, 1
xa_nn_elm_dequantize_f32_sym16u	Inp: 4, 1, 1, 2
	Axis=0
	Inp: 1, 1, 1
	Axis=1
	Inp: 1, 1, 1, 1
	Axis=2
	Inp: 1, 1, 1, 1
	Axis=3
	Inp: 1, 1, 1, 1
	Axis=3
	Inp: 3, 3, 1, 1 Axis=2
	Inp: 3, 3, 1, 1
	Axis=0
	Inp: 4, 4, 1, 1



Kernel name	Parameters
	Axis=1
	Inp: 4, 4, 1, 1
	Axis=0
	Inp: 4, 1, 1, 1
	Axis=1
	Inp: 4, 1, 1, 1
	Axis=2 Inp: 4, 1, 1, 1
	Axis=3
	Inp: 4, 1, 1, 1
	Axis=0
	Inp:4, 1, 1
	Axis=1
	Inp: 4, 1, 1
	Axis=2
	Inp: 4, 1, 1
	Axis=0
	Inp: 6, 1
	Axis=1 Inp: 6, 1
	Axis=0
	Inp: 4, 1, 2, 1
	Axis=1
	Inp: 4, 1, 2, 1
	Axis=2
	Inp: 4, 1, 2, 1 Axis=2
	Inp: 8, 9, 5, 5
	Axis=0
	Inp: 7, 7, 8, 11, 11
	Axis=0
	Inp: 8, 6, 10, 11
	Axis=4
	Inp: 9, 6, 10, 5, 10
	Axis=1
	Inp: 8, 5, 10, 4, 5
	Axis=1
	Inp: 7, 5, 4, 11
	Axis=2
	Inp: 7, 11, 10, 11, 7
	Inp1: 4, 7, 8, 10
	Inp2: 4, 7, 8, 10
xa_nn_elm_sub_f32xf32_f32	Inp1: 4, 6, 7, 4, 9
	Inp2: 4, 6, 7, 4, 9
	Inp1: 10, 6, 4, 7



Kernel name	Parameters
	Inp2: 10, 6, 4, 7
	Inp1: 5, 8, 5, 4
	Inp2: 5, 8, 5, 4
	Inp1: 4, 4, 9, 6
	Inp2: 4, 4, 9, 6
	Inp1: 6, 7, 7, 6
	Inp2: 6, 7, 7, 6
	Inp1: 8, 8, 6, 10
	Inp2: 8, 8, 6, 10
	Inp1: 4, 8, 2, 1
	Inp2: 4, 8, 2, 1
	Inp1: 3, 2
	Inp2: 3, 2
	Inp1: 3, 3, 1, 1
	Inp2: 3, 3, 1, 1
	Inp1: 3, 2, 1, 2
	Inp2: 3, 2, 1, 2
	Inp1: 8, 1, 1, 1
 -	Inp2: 8, 1, 1, 1 Inp1: 1, 1, 1
	Inp2: 1, 1, 1
	Inp1: 8, 9
	Inp2: 8, 9
	Inp1: 1, 3, 1, 2
_	Inp2: 1, 3, 1, 2 Inp1: 2, 3, 1, 2, 4
	Inp2: 2, 3, 1, 2, 4
	Inp1: 1, 3, 2, 4
	Inp2: 1, 3, 2, 4
	Inp1: 4, 1, 2, 1
	Inp2: 4, 1, 2, 1 Inp1: 4, 7, 8, 10
	Inp1: 4, 7, 8, 10
 -	Inp1: 4, 6, 7, 4, 9
	Inp2: 4, 6, 7, 4, 9
-	Inp1: 10, 6, 4, 7
	Inp2: 10, 6, 4, 7
	Inp1: 5, 8, 5, 4
xa_nn_elm_sub_f32x32xf32_f32	Inp2: 5, 8, 5, 4
Ad_1111_01111_0db_102A02A102_102	Inp1: 4, 4, 9, 6
	Inp2: 4, 4, 9, 6
	Inp1: 6, 7, 7, 6
	Inp2: 6, 7, 7, 6
	Inp1: 8, 8, 6, 10
	Inp2: 8, 8, 6, 10
	Inp1: 4, 8, 2, 1
	p 1. 1, 0, 4, 1



Kernel name	Parameters
	Inp2: 4, 8, 2, 1
	Inp1: 3, 2
	Inp2: 3, 2
	Inp1: 3, 3, 1, 1
	Inp2: 3, 3, 1, 1
	Inp1: 3, 2, 1, 2
	Inp2: 3, 2, 1, 2
	Inp1: 8, 1, 1, 1
	Inp2: 8, 1, 1, 1
	Inp1: 1, 1, 1
	Inp2: 1, 1, 1
	Inp1: 8, 9
	Inp2: 8, 9
	Inp1: 1, 3, 1, 2
	Inp2: 1, 3, 1, 2
	Inp1: 2, 3, 1, 2, 4
	Inp2: 2, 3, 1, 2, 4
	Inp1: 1, 3, 2, 4
	Inp2: 1, 3, 2, 4
	Inp1: 4, 1, 2, 1
	Inp2: 4, 1, 2, 1
	Inp1: 4, 7, 8, 10
	Inp2: 4, 7, 8, 10
	Inp1: 4, 6, 7, 4, 9
	Inp2: 4, 6, 7, 4, 9
	Inp1: 10, 6, 4, 7
	Inp2: 10, 6, 4, 7
	Inp1: 5, 8, 5, 4
	Inp2: 5, 8, 5, 4
	Inp1: 4, 4, 9, 6
	Inp2: 4, 4, 9, 6
	Inp1: 6, 7, 7, 6
xa_nn_elm_sub_f32x32x32_f32	Inp2: 6, 7, 7, 6
	Inp1: 8, 8, 6, 10
	Inp2: 8, 8, 6, 10
	Inp1: 4, 8, 2, 1
	Inp2: 4, 8, 2, 1
	Inp1: 3, 2
	Inp2: 3, 2
	Inp1: 3, 3, 1, 1
	Inp2: 3, 3, 1, 1
	Inp1: 3, 2, 1, 2
	Inp2: 3, 2, 1, 2
	Inp1: 8, 1, 1, 1



Kernel name	Parameters
	Inp2: 8, 1, 1, 1
	Inp1: 1, 1, 1
	Inp2: 1, 1, 1
	Inp1: 8, 9
	Inp2: 8, 9
	Inp1: 1, 3, 1, 2
	Inp2: 1, 3, 1, 2
	Inp1: 2, 3, 1, 2, 4
	Inp2: 2, 3, 1, 2, 4
	Inp1: 1, 3, 2, 4
	Inp2: 1, 3, 2, 4
	Inp1: 4, 1, 2, 1
	Inp2: 4, 1, 2, 1
	Inp1: 4, 7, 8, 10
	Inp2: 4, 7, 8, 10
	Inp1: 4, 6, 7, 4, 9
	Inp2: 4, 6, 7, 4, 9
	Inp1: 10, 6, 4, 7
	Inp2: 10, 6, 4, 7
	Inp1: 5, 8, 5, 4
	Inp2: 5, 8, 5, 4
	Inp1: 4, 4, 9, 6
	Inp2: 4, 4, 9, 6
	Inp1: 6, 7, 7, 6
	Inp2: 6, 7, 7, 6
	Inp1: 8, 8, 6, 10
	Inp2: 8, 8, 6, 10
1 20 700 700 700	Inp1: 4, 8, 2, 1
xa_nn_elm_sub_32xf32xf32_f32	Inp2: 4, 8, 2, 1
	Inp1: 3, 2 Inp2: 3, 2
	Inp1: 3, 3, 1, 1
	Inp1: 3, 3, 1, 1 Inp2: 3, 3, 1, 1
	Inp1: 3, 2, 1, 1
	Inp2: 3, 2, 1, 2
	Inp1: 8, 1, 1, 1
	Inp2: 8, 1, 1, 1
	Inp1: 1, 1, 1
	Inp2: 1, 1, 1
	Inp1: 8, 9
	Inp2: 8, 9
	Inp1: 1, 3, 1, 2
	Inp2: 1, 3, 1, 2
	Inp1: 2, 3, 1, 2, 4
	πρι. Δ, υ, ι, Δ, τ



Kernel name	Parameters
	Inp2: 2, 3, 1, 2, 4
	Inp1: 1, 3, 2, 4
	Inp2: 1, 3, 2, 4
	Inp1: 4, 1, 2, 1
	Inp2: 4, 1, 2, 1
	Inp1: 4, 7, 8, 10
	Inp2: 4, 7, 8, 10
	Inp1: 4, 6, 7, 4, 9
	Inp2: 4, 6, 7, 4, 9
	Inp1: 10, 6, 4, 7
	Inp2: 10, 6, 4, 7
	Inp1: 5, 8, 5, 4
	Inp2: 5, 8, 5, 4
	Inp1: 4, 4, 9, 6
	Inp2: 4, 4, 9, 6
	Inp1: 6, 7, 7, 6
	Inp2: 6, 7, 7, 6
	Inp1: 8, 8, 6, 10
	Inp2: 8, 8, 6, 10
	Inp1: 4, 8, 2, 1
	Inp2: 4, 8, 2, 1
	Inp1: 3, 2
xa_nn_elm_sub_32xf32x32_f32	Inp2: 3, 2
	Inp1: 3, 3, 1, 1
	Inp2: 3, 3, 1, 1 Inp1: 3, 2, 1, 2
	Inp1: 3, 2, 1, 2 Inp2: 3, 2, 1, 2
	Inp1: 8, 1, 1, 1
	Inp2: 8, 1, 1, 1
	Inp1: 1, 1, 1
	Inp2: 1, 1, 1
	Inp1: 8, 9
	Inp2: 8, 9
	Inp1: 1, 3, 1, 2
	Inp2: 1, 3, 1, 2
	Inp1: 2, 3, 1, 2, 4
	Inp2: 2, 3, 1, 2, 4
	Inp1: 1, 3, 2, 4
	Inp2: 1, 3, 2, 4
	Inp1: 4, 1, 2, 1
	Inp2: 4, 1, 2, 1
	Inp1: 7, 6, 3, 9
xa_nn_elm_sub_scalar_f32xf32_f32	Inp2: 1
	Inp1: 4, 1, 4, 9



Kernel name	Parameters
	Inp2: 1
	Inp1: 6, 5, 10, 6
	Inp2: 1
	Inp1: 10, 1, 6, 3, 9
	Inp2: 1
	Inp1: 10, 10, 6, 2
	Inp2: 1
	Inp1: 10, 6, 1, 9
	Inp2: 1
	Inp1: 1, 4, 1, 10
	Inp2: 1
	Inp1: 8, 6, 7, 2, 9
	Inp2: 1
	Inp1: 1, 6, 6, 6
	Inp2: 1
	Inp1: 4, 8, 2, 1
	Inp2: 1
	Inp1: 3, 2
	Inp2: 1
	Inp1: 3, 3, 1, 1
	Inp2: 1
	Inp1: 3, 2, 1, 2 Inp2: 1
	Inp1: 8, 1, 1, 1
	Inp2: 1
	Inp1: 1, 1, 1
	Inp2: 1 Inp1: 8, 9
	Inp1: 0, 9 Inp2: 1
	Inp1: 1, 3, 1, 2
	Inp2: 1
	Inp1: 2, 3, 1, 2, 4
	Inp2: 1 Inp1: 1, 3, 2, 4
	Inp2: 1
	Inp1: 4, 1, 2, 1
	Inp2: 1 Inp1: 1, 3, 2, 1
	Inp1: 1, 3, 2, 1
	Inp2: 1 Inp1: 4, 1, 1, 2
	Inp1: 4, 1, 1, 2 Inp2: 1
	Inp1: 7, 6, 3, 9
	Inp2: 1
	Inp1: 4, 1, 4, 9
xa_nn_elm_sub_scalar_f32x32xf32_f32	Inp2: 1
	Inp1: 6, 5, 10, 6
	Inp2: 1



Kernel name	Parameters
	Inp1: 10, 1, 6, 3, 9
	Inp2: 1
	Inp1: 10, 10, 6, 2
	Inp2: 1
	Inp1: 10, 6, 1, 9
	Inp2: 1
	Inp1: 1, 4, 1, 10
	Inp2: 1
	Inp1: 8, 6, 7, 2, 9
	Inp2: 1
	Inp1: 1, 6, 6, 6
	Inp2: 1
	Inp1: 4, 8, 2, 1
	Inp2: 1
	Inp1: 3, 2
	Inp2: 1
	Inp1: 3, 3, 1, 1
	Inp2: 1
	Inp1: 3, 2, 1, 2
	Inp2: 1
	Inp1: 8, 1, 1, 1
	Inp2: 1
	Inp1: 1, 1, 1
	Inp2: 1
	Inp1: 8, 9
	Inp2: 1
	Inp1: 1, 3, 1, 2
	Inp2: 1
	Inp1: 2, 3, 1, 2, 4
	Inp2: 1
	Inp1: 1, 3, 2, 4
	Inp2: 1
	Inp1: 4, 1, 2, 1
	Inp2: 1
	Inp1: 1, 3, 2, 1
	Inp2: 1
	Inp1: 4, 1, 1, 2
	Inp2: 1
	Inp1: 7, 6, 3, 9
	Inp2: 1
xa_nn_elm_sub_scalar_f32x32x32_f32	Inp1: 4, 1, 4, 9
74_111_0111_040_004141_102X02X02_102	Inp2: 1
	Inp1: 6, 5, 10, 6
	Inp2: 1



Kernel name	Parameters
	Inp1: 10, 1, 6, 3, 9
	Inp2: 1
	Inp1: 10, 10, 6, 2
	Inp2: 1
	Inp1: 10, 6, 1, 9
	Inp2: 1
	Inp1: 1, 4, 1, 10
	Inp2: 1
	Inp1: 8, 6, 7, 2, 9
	Inp2: 1
	Inp1: 1, 6, 6, 6
	Inp2: 1
	Inp1: 4, 8, 2, 1
	Inp2: 1
	Inp1: 3, 2
	Inp2: 1
	Inp1: 3, 3, 1, 1
	Inp2: 1
	Inp1: 3, 2, 1, 2
	Inp2: 1
	Inp1: 8, 1, 1, 1
	Inp2: 1
	Inp1: 1, 1, 1
	Inp2: 1
	Inp1: 8, 9
	Inp2: 1
	Inp1: 1, 3, 1, 2
	Inp2: 1
	Inp1: 2, 3, 1, 2, 4
	Inp2: 1
	Inp1: 1, 3, 2, 4
	Inp2: 1
	Inp1: 4, 1, 2, 1
	Inp2: 1
	Inp1: 1, 3, 2, 1
	Inp2: 1
	Inp1: 4, 1, 1, 2
	Inp2: 1
	Inp1: 7, 6, 3, 9
	Inp2: 1
xa_nn_elm_sub_scalar_32xf32xf32_f32	Inp1: 4, 1, 4, 9
// // // // // // // // // // // // //	Inp2: 1
	Inp1: 6, 5, 10, 6
	Inp2: 1



Kernel name	Parameters
	Inp1: 10, 1, 6, 3, 9
	Inp2: 1
	Inp1: 10, 10, 6, 2
	Inp2: 1
	Inp1: 10, 6, 1, 9
	Inp2: 1
	Inp1: 1, 4, 1, 10
	Inp2: 1
	Inp1: 8, 6, 7, 2, 9
	Inp2: 1
	Inp1: 1, 6, 6, 6
	Inp2: 1
	Inp1: 4, 8, 2, 1
	Inp2: 1
	Inp1: 3, 2
	Inp2: 1
	Inp1: 3, 3, 1, 1
	Inp2: 1
	Inp1: 3, 2, 1, 2
	Inp2: 1
	Inp1: 8, 1, 1, 1
	Inp2: 1
	Inp1: 1, 1, 1
	Inp2: 1
	Inp1: 8, 9
	Inp2: 1
	Inp1: 1, 3, 1, 2
	Inp2: 1
	Inp1: 2, 3, 1, 2, 4
	Inp2: 1
	Inp1: 1, 3, 2, 4
	Inp2: 1
	Inp1: 4, 1, 2, 1
	Inp2: 1
	Inp1: 1, 3, 2, 1
	Inp2: 1
	Inp1: 4, 1, 1, 2
	Inp2: 1
	Inp1: 7, 6, 3, 9
	Inp2: 1
xa_nn_elm_sub_scalar_32xf32x32_f32	Inp1: 4, 1, 4, 9
	Inp2: 1
	Inp1: 6, 5, 10, 6
	Inp2: 1



Kernel name	Parameters
	Inp1: 10, 1, 6, 3, 9
	Inp2: 1
	Inp1: 10, 10, 6, 2
	Inp2: 1
	Inp1: 10, 6, 1, 9
	Inp2: 1
	Inp1: 1, 4, 1, 10
	Inp2: 1
	Inp1: 8, 6, 7, 2, 9
	Inp2: 1
	Inp1: 1, 6, 6, 6
	Inp2: 1
	Inp1: 4, 8, 2, 1
	Inp2: 1
	Inp1: 3, 2
	Inp2: 1
	Inp1: 3, 3, 1, 1
	Inp2: 1
	Inp1: 3, 2, 1, 2
	Inp2: 1
	Inp1: 8, 1, 1, 1
	Inp2: 1
	Inp1: 1, 1, 1
	Inp2: 1
	Inp1: 8, 9
	Inp2: 1
	Inp1: 1, 3, 1, 2
	Inp2: 1
	Inp1: 2, 3, 1, 2, 4
	Inp2: 1
	Inp1: 1, 3, 2, 4
	Inp2: 1
	Inp1: 4, 1, 2, 1
	Inp2: 1
	Inp1: 1, 3, 2, 1
	Inp2: 1
	Inp1: 4, 1, 1, 2
	Inp2: 1
	Inp1: 32, 45
	Inp2: 32, 1
xa_nn_elm_sub_broadcast_5D_f32xf32_f32	Inp1: 87, 9, 15, 1
λα_!!!!_0!!!!_3ub_b!0uu0d3t_0b_!02λi02_!02	Inp2: 87, 9, 15, 5
	Inp1: 92, 13, 3, 19, 28
	Inp2: 92, 13, 3, 19, 28



Kernel name	Parameters
	Inp1: 18, 8, 14
	Inp2: 18, 8, 1
	Inp1: 15, 10, 5, 30, 18
	Inp2: 15, 1, 5, 30, 18
	Inp1: 13, 15, 1, 19
	Inp2: 13, 15, 65, 19
	Inp1: 4, 8, 2, 1
	Inp2: 4, 8, 1, 2
	Inp1: 1, 1, 1, 1
	Inp2: 1, 1, 1
	Inp1: 1, 2
	Inp2: 2, 1
	Inp1: 2, 1, 1
	Inp2: 1, 2, 2
	Inp1: 6, 1, 1
	Inp2: 1, 1, 1
	Inp1: 2, 2, 3, 2 Inp2: 2, 2, 1, 1
	Inp1: 2, 2, 3, 2
	Inp2: 2, 2, 3, 1
	Inp1: 2, 2, 3, 2
	Inp2: 2, 1, 3, 2
	Inp1: 2, 2, 3, 2
	Inp2: 2, 2, 3, 2
	Inp1: 2, 2, 3, 1
	Inp2: 2, 2, 3, 1
	Inp1: 2, 2, 1, 1
	Inp2: 2, 2, 1, 1
	Inp1: 2, 1, 1, 1 Inp2: 2, 1, 1, 1
	Inp1: 2, 2, 3, 2
	Inp2: 2, 2, 1, 2
	Inp1: 2, 2, 3, 2
	Inp2: 1, 2, 3, 2
	Inp1: 2, 2, 1, 2
	Inp2: 2, 2, 3, 1
	Inp1: 2, 3, 3, 1
	Inp2: 2, 3, 1, 2
	Inp1: 2, 1, 3, 2
	Inp2: 2, 3, 3, 1
	Inp1: 2, 3, 3, 1
	Inp2: 2, 1, 3, 2 Inp1: 2, 1, 3, 2
	Inp2: 2, 3, 1, 2
	Inp1: 5, 1
	Inp2: 1, 6
	Inp1: 2, 3, 1, 2
	Inp2: 2, 1, 3, 2
	Inp1: 1, 3, 1, 2
	Inp2: 2, 1, 3, 1



Kernel name	Parameters
Tromor name	Inp1: 4, 6, 1, 2, 1
	Inp2: 1, 6, 1, 1, 2
	Inp1: 2, 1, 5, 3, 1
	Inp2: 1, 1, 1, 1, 2
	Inp1: 1, 1, 1, 1, 1
	Inp2: 2, 3, 4, 5, 1
	Inp1: 6, 7, 8, 2, 2
	Inp2: 1, 1, 1, 1, 1 Inp1: 2, 2, 3, 1
	Inp1. 2, 2, 3, 1 Inp2: 2, 2, 3, 2
	Inp1: 2, 2, 1, 1
	Inp2: 2, 2, 3, 2
	Inp1: 2, 2, 1, 2
	Inp2: 2, 2, 3, 2
	Inp1: 1, 2, 3, 2
	Inp2: 2, 2, 3, 2
	Inp1: 2, 2, 2, 1
	Inp2: 1, 1, 1, 1 Inp1: 2, 2, 1, 1
	Inp1. 2, 2, 1, 1 Inp2: 1, 1, 1, 1
	Inp1: 2, 1, 1, 1
	Inp2: 1, 1, 1, 1
	Inp1: 32, 45
	Inp2: 32, 1
	Inp1: 87, 9, 15, 1
	Inp2: 87, 9, 15, 5
	Inp1: 92, 13, 3, 19, 28
	Inp2: 92, 13, 3, 19, 28
	Inp1: 18, 8, 14
	Inp2: 18, 8, 1
	Inp1: 15, 10, 5, 30, 18
	· ·
	Inp2: 15, 1, 5, 30, 18
	Inp1: 13, 15, 1, 19 Inp2: 13, 15, 65, 19
	Inp1: 4, 8, 2, 1
xa_nn_elm_sub_broadcast_5D_f32x32xf32_f32	
	Inp2: 4, 8, 1, 2 Inp1: 1, 1, 1, 1
	Inp2: 1, 1, 1
	Inp1: 1, 2
	Inp2: 2, 1
	Inp1: 2, 1, 1
	Inp2: 1, 2, 2
	Inp1: 6, 1, 1
	Inp2: 1, 1, 1
	Inp1: 2, 2, 3, 2
	Inp2: 2, 2, 1, 1
	Inp1: 2, 2, 3, 2
	Inp2: 2, 2, 3, 1
	Inp1: 2, 2, 3, 2



Kernel name	Parameters
	Inp2: 2, 1, 3, 2
	Inp1: 2, 2, 3, 2
	Inp2: 2, 2, 3, 2
	Inp1: 2, 2, 3, 1
	Inp2: 2, 2, 3, 1
	Inp1: 2, 2, 1, 1
	Inp2: 2, 2, 1, 1
	Inp1: 2, 1, 1, 1
	Inp2: 2, 1, 1, 1
	Inp1: 2, 2, 3, 2
	Inp2: 2, 2, 1, 2
	Inp1: 2, 2, 3, 2
	Inp2: 1, 2, 3, 2
	Inp1: 2, 2, 1, 2
	Inp2: 2, 2, 3, 1
	Inp1: 2, 3, 3, 1
	Inp2: 2, 3, 1, 2 Inp1: 2, 1, 3, 2
	Inp2: 2, 3, 3, 1
	Inp1: 2, 3, 3, 1
	Inp2: 2, 1, 3, 2
	Inp1: 2, 1, 3, 2
	Inp2: 2, 3, 1, 2
	Inp1: 5, 1
	Inp2: 1, 6 Inp1: 2, 3, 1, 2
	Inp2: 2, 1, 3, 2 Inp1: 1, 3, 1, 2
	Inp2: 2, 1, 3, 1 Inp1: 4, 6, 1, 2, 1
	Inp2: 1, 6, 1, 1, 2
	Inp1: 2, 1, 5, 3, 1
	Inp2: 1, 1, 1, 1, 2
	Inp1: 1, 1, 1, 1, 1
	Inp2: 2, 3, 4, 5, 1
	Inp1: 6, 7, 8, 2, 2
	Inp2: 1, 1, 1, 1
	Inp1: 2, 2, 3, 1
	Inp2: 2, 2, 3, 2
	Inp1: 2, 2, 1, 1
	Inp2: 2, 2, 3, 2
	Inp1: 2, 2, 1, 2
	Inp2: 2, 2, 3, 2
	Inp1: 1, 2, 3, 2
	Inp2: 2, 2, 3, 2
	Inp1: 2, 2, 2, 1
	Inp2: 1, 1, 1, 1
	Inp1: 2, 2, 1, 1



Kernel name	Parameters
	Inp2: 1, 1, 1, 1
	Inp1: 32, 45
	Inp2: 32, 1
	Inp1: 87, 9, 15, 1
	Inp2: 87, 9, 15, 5
	Inp1: 92, 13, 3, 19, 28
	Inp2: 92, 13, 3, 19, 28
	Inp1: 18, 8, 14
	Inp2: 18, 8, 1
	Inp1: 15, 10, 5, 30, 18
	Inp2: 15, 1, 5, 30, 18
	Inp1: 13, 15, 1, 19
	Inp2: 13, 15, 65, 19
	Inp1: 4, 8, 2, 1
	Inp2: 4, 8, 1, 2
	Inp1: 1, 1, 1, 1
	Inp2: 1, 1, 1
	Inp1: 1, 2
	Inp2: 2, 1
	Inp1: 2, 1, 1
	Inp2: 1, 2, 2
	Inp1: 6, 1, 1
xa_nn_elm_sub_broadcast_5D_f32x32x32_f32	Inp2: 1, 1, 1
	Inp1: 2, 2, 3, 2
	Inp2: 2, 2, 1, 1
	Inp1: 2, 2, 3, 2
	Inp2: 2, 2, 3, 1
	Inp1: 2, 2, 3, 2
	Inp2: 2, 1, 3, 2
	Inp1: 2, 2, 3, 2
	Inp2: 2, 2, 3, 2
	Inp1: 2, 2, 3, 1
	Inp2: 2, 2, 3, 1
	Inp1: 2, 2, 1, 1
	Inp2: 2, 2, 1, 1
	Inp1: 2, 1, 1, 1
	Inp2: 2, 1, 1, 1
	Inp1: 2, 2, 3, 2
	Inp2: 2, 2, 1, 2
	Inp1: 2, 2, 3, 2
	Inp2: 1, 2, 3, 2
	Inp1: 2, 2, 1, 2
	Inp2: 2, 2, 3, 1
	Inp1: 2, 3, 3, 1



Kernel name	Parameters
	Inp2: 2, 3, 1, 2
	Inp1: 2, 1, 3, 2
	Inp2: 2, 3, 3, 1
	Inp1: 2, 3, 3, 1
	Inp2: 2, 1, 3, 2
	Inp1: 2, 1, 3, 2
	Inp2: 2, 3, 1, 2
	Inp1: 5, 1
	Inp2: 1, 6
	Inp1: 2, 3, 1, 2
	Inp2: 2, 1, 3, 2
	Inp1: 1, 3, 1, 2
	Inp2: 2, 1, 3, 1
	Inp1: 4, 6, 1, 2, 1
	Inp2: 1, 6, 1, 1, 2
	Inp1: 2, 1, 5, 3, 1
	Inp2: 1, 1, 1, 1, 2
	Inp1: 1, 1, 1, 1, 1
	Inp2: 2, 3, 4, 5, 1
	Inp1: 6, 7, 8, 2, 2
	Inp2: 1, 1, 1, 1, 1
	Inp1: 2, 2, 3, 1
	Inp2: 2, 2, 3, 2
	Inp1: 2, 2, 1, 1
	Inp2: 2, 2, 3, 2
	Inp1: 2, 2, 1, 2
	Inp2: 2, 2, 3, 2
	Inp1: 1, 2, 3, 2
	Inp2: 2, 2, 3, 2
	Inp1: 2, 2, 2, 1
	Inp2: 1, 1, 1, 1
	Inp1: 2, 2, 1, 1
	Inp2: 1, 1, 1, 1
	Inp1: 32, 45
	Inp2: 32, 1
	Inp1: 87, 9, 15, 1
	Inp2: 87, 9, 15, 5
xa_nn_elm_sub_broadcast_5D_32xf32xf32_f32	Inp1: 92, 13, 3, 19, 28
	Inp2: 92, 13, 3, 19, 28
	Inp1: 18, 8, 14
	Inp2: 18, 8, 1
	Inp1: 15, 10, 5, 30, 18
	Inp2: 15, 1, 5, 30, 18



Kernel name	Parameters
	Inp1: 13, 15, 1, 19
	Inp2: 13, 15, 65, 19
	Inp1: 4, 8, 2, 1
	Inp2: 4, 8, 1, 2
	Inp1: 1, 1, 1, 1
	Inp2: 1, 1, 1
	Inp1: 1, 2
	Inp2: 2, 1
	Inp1: 2, 1, 1
	Inp2: 1, 2, 2
	Inp1: 6, 1, 1
	Inp2: 1, 1, 1
	Inp1: 2, 2, 3, 2
	Inp2: 2, 2, 1, 1
	Inp1: 2, 2, 3, 2
	Inp2: 2, 2, 3, 1
	Inp1: 2, 2, 3, 2
	Inp2: 2, 1, 3, 2
	Inp1: 2, 2, 3, 2
	Inp2: 2, 2, 3, 2
	Inp1: 2, 2, 3, 1
	Inp2: 2, 2, 3, 1
	Inp1: 2, 2, 1, 1
	Inp2: 2, 2, 1, 1
	Inp1: 2, 1, 1, 1
	Inp2: 2, 1, 1, 1
	Inp1: 2, 2, 3, 2
	Inp2: 2, 2, 1, 2
	Inp1: 2, 2, 3, 2
	Inp2: 1, 2, 3, 2
	Inp1: 2, 2, 1, 2
	Inp2: 2, 2, 3, 1
	Inp1: 2, 3, 3, 1
	Inp2: 2, 3, 1, 2
	Inp1: 2, 1, 3, 2
	Inp2: 2, 3, 3, 1
	Inp1: 2, 3, 3, 1
	Inp2: 2, 1, 3, 2
	Inp1: 2, 1, 3, 2
	Inp2: 2, 3, 1, 2
	Inp1: 5, 1
	Inp2: 1, 6
	Inp1: 2, 3, 1, 2
	Inp2: 2, 1, 3, 2



Kernel name	Parameters
	Inp1: 1, 3, 1, 2
	Inp2: 2, 1, 3, 1
	Inp1: 4, 6, 1, 2, 1
	Inp2: 1, 6, 1, 1, 2
	Inp1: 2, 1, 5, 3, 1
	Inp2: 1, 1, 1, 1, 2
	Inp1: 1, 1, 1, 1, 1
	Inp2: 2, 3, 4, 5, 1
	Inp1: 6, 7, 8, 2, 2
	Inp2: 1, 1, 1, 1, 1
	Inp1: 2, 2, 3, 1
	Inp2: 2, 2, 3, 2
	Inp1: 2, 2, 1, 1
	Inp2: 2, 2, 3, 2
	Inp1: 2, 2, 1, 2
	Inp2: 2, 2, 3, 2
	Inp1: 1, 2, 3, 2
	Inp2: 2, 2, 3, 2
	Inp1: 2, 2, 2, 1
	Inp2: 1, 1, 1, 1
	Inp1: 2, 2, 1, 1
	Inp2: 1, 1, 1, 1
	Inp1: 32, 45
	Inp2: 32, 1
	Inp1: 87, 9, 15, 1
	Inp2: 87, 9, 15, 5
	Inp1: 92, 13, 3, 19, 28
	Inp2: 92, 13, 3, 19, 28
	Inp1: 18, 8, 14
_	Inp2: 18, 8, 1
	Inp1: 15, 10, 5, 30, 18
_	Inp2: 15, 1, 5, 30, 18
xa_nn_elm_sub_broadcast_5D_32xf32x32_f32	Inp1: 13, 15, 1, 19
	Inp2: 13, 15, 65, 19
	Inp1: 4, 8, 2, 1
	Inp2: 4, 8, 1, 2
	Inp1: 1, 1, 1, 1
 	Inp2: 1, 1, 1
	Inp1: 1, 2
 	Inp2: 2, 1
	Inp1: 2, 1, 1
	Inp2: 1, 2, 2 Inp1: 6, 1, 1
	•
	Inp2: 1, 1, 1



Kernel name	Parameters
	Inp1: 2, 2, 3, 2
	Inp2: 2, 2, 1, 1
	Inp1: 2, 2, 3, 2
	Inp2: 2, 2, 3, 1
	Inp1: 2, 2, 3, 2
	Inp2: 2, 1, 3, 2
	Inp1: 2, 2, 3, 2
	Inp2: 2, 2, 3, 2
	Inp1: 2, 2, 3, 1
	Inp2: 2, 2, 3, 1
	Inp1: 2, 2, 1, 1
	Inp2: 2, 2, 1, 1
	Inp1: 2, 1, 1, 1
	Inp2: 2, 1, 1, 1
	Inp1: 2, 2, 3, 2
	Inp2: 2, 2, 1, 2
	Inp1: 2, 2, 3, 2
	Inp2: 1, 2, 3, 2
	Inp1: 2, 2, 1, 2
	Inp2: 2, 2, 3, 1
	Inp1: 2, 3, 3, 1
	Inp2: 2, 3, 1, 2
	Inp1: 2, 1, 3, 2
	Inp2: 2, 3, 3, 1
	Inp1: 2, 3, 3, 1
	Inp2: 2, 1, 3, 2
	Inp1: 2, 1, 3, 2
	Inp2: 2, 3, 1, 2
	Inp1: 5, 1
	Inp2: 1, 6
	Inp1: 2, 3, 1, 2
	Inp2: 2, 1, 3, 2
	Inp1: 1, 3, 1, 2
	Inp2: 2, 1, 3, 1
	Inp1: 4, 6, 1, 2, 1
	Inp2: 1, 6, 1, 1, 2
	Inp1: 2, 1, 5, 3, 1
	Inp2: 1, 1, 1, 1, 2
	Inp1: 1, 1, 1, 1, 1
	Inp2: 2, 3, 4, 5, 1
	Inp1: 6, 7, 8, 2, 2
	Inp2: 1, 1, 1, 1, 1
	Inp1: 2, 2, 3, 1
	Inp2: 2, 2, 3, 2



Kernel name	Parameters
	Inp1: 2, 2, 1, 1
	Inp2: 2, 2, 3, 2
	Inp1: 2, 2, 1, 2
	Inp2: 2, 2, 3, 2
	Inp1: 1, 2, 3, 2
	Inp2: 2, 2, 3, 2
	Inp1: 2, 2, 2, 1
	Inp2: 1, 1, 1, 1
	Inp1: 2, 2, 1, 1
	· ·
	Inp2: 1, 1, 1, 1 Inp1: 2, 1, 1, 1
	Inp2: 1, 1, 1, 1
	Inp1: 9, 8, 9, 9
	Inp2: 9, 8, 9, 9
	Inp1: 4, 4, 10, 4, 10
	Inp2: 4, 4, 10, 4, 10
	Inp1: 8, 9, 6, 4
	Inp2: 8, 9, 6, 4
	Inp1: 1, 4, 5, 6
	Inp2: 1, 4, 5, 6
	Inp1: 7, 6, 8, 7, 9
	Inp2: 7, 6, 8, 7, 9
	Inp1: 4, 8, 2, 1
	Inp2: 4, 8, 2, 1
	Inp1: 3, 2
	Inp2: 3, 2
xa_nn_elm_sub_32x32_32	Inp1: 3, 3, 1, 1
X4_1111_01111_0400_02X02_02	Inp2: 3, 3, 1, 1
	Inp1: 3, 2, 1, 2
	Inp2: 3, 2, 1, 2
	Inp1: 8, 1, 1, 1 Inp2: 8, 1, 1, 1
	Inp1: 1, 1, 1
	Inp2: 1, 1, 1
	Inp1: 8, 9
	Inp2: 8, 9
	Inp1: 1, 3, 1, 2
	Inp2: 1, 3, 1, 2
	Inp1: 2, 3, 1, 2, 4 Inp2: 2, 3, 1, 2, 4
	Inp1: 1, 3, 2, 4
	Inp2: 1, 3, 2, 4 Inp2: 1, 3, 2, 4
	Inp1: 4, 1, 2, 1
	Inp2: 4, 1, 2, 1
	Inp1: 6, 4, 6, 8
	Inp2: 6, 4, 6, 8



Kernel name	Parameters
- Control Humo	Inp1: 4, 4, 1
	Inp2: 1
	Inp1: 3, 10, 7
	Inp2: 1
	Inp1: 2, 6, 6, 7
	Inp2: 1
	Inp1: 8, 8, 7, 9
	Inp2: 1
	Inp1: 10, 7, 5, 10, 2
	Inp2: 1
	Inp1: 4, 4, 10
	Inp2: 1
	Inp1: 1, 2, 8, 9
	Inp2: 1
	Inp1: 7, 7, 7, 7
	Inp2: 1
	Inp1: 3, 2, 8, 5
	Inp2: 1
	Inp1: 3, 2
ve an alm sub seeler 20v20 20	Inp2: 1
xa_nn_elm_sub_scalar_32x32_32 —	Inp1: 3, 3, 1, 1
	Inp2: 1
	Inp1: 3, 2, 1, 2
	Inp2: 1
	Inp1: 8, 1, 1, 1
_	Inp2: 1
	Inp1: 1, 1, 1
	Inp2: 1 Inp1: 8, 9
	Inp2: 1
	Inp1: 1, 3, 1, 2
	Inp2: 1
	Inp1: 2, 3, 1, 2, 4
_	Inp2: 1
	Inp1: 1, 3, 2, 4
	Inp2: 1 Inp1: 4, 1, 2, 1
	Inp2: 1
	Inp1: 1, 3, 2, 1
	Inp2: 1 Inp1: 4, 1, 1, 2
	Inp1: 4, 1, 1, 2
	Inp2: 1 Inp1: 3, 1, 3, 5
	Inp1: 3, 1, 3, 5
-	Inp2: 3, 5, 3, 5
xa_nn_elm_sub_broadcast_5D_32x32_32	Inp1: 15, 15, 1, 10, 13
7.G_1111_01111_0400_010440431_0D_02702_02	Inp2: 15, 1, 16, 10, 13
	Inp1: 1, 1, 11
	Inp2: 8, 8, 11



Kernel name	Parameters
	Inp1: 10, 48, 12, 54, 17
	Inp2: 10, 1, 12, 54, 17
	Inp1: 65, 1
	inp2: 65, 43
	Inp1: 5, 14, 71, 11, 1
	Inp2: 5, 14, 71, 1, 23
	Inp1: 4, 8, 2, 1
	Inp2: 4, 8, 1, 2
	Inp1: 1, 1, 1, 1
	Inp2: 1, 1, 1
	Inp1: 1, 2
	Inp2: 2, 1
	Inp1: 2, 1, 1
	Inp2: 1, 2, 2
	Inp1: 6, 1, 1
	Inp2: 1, 1, 1
	Inp1: 2, 2, 3, 2
	Inp2: 2, 2, 1, 1
	Inp1: 2, 2, 3, 2 Inp2: 2, 2, 3, 1
	Inp1: 2, 2, 3, 1
	Inp1. 2, 2, 3, 2 Inp2: 2, 1, 3, 2
	Inp1: 2, 2, 3, 2
	Inp2: 2, 2, 3, 2
	Inp1: 2, 2, 3, 1
	Inp2: 2, 2, 3, 1
	Inp1: 2, 2, 1, 1
	Inp2: 2, 2, 1, 1
	Inp1: 2, 1, 1, 1
	Inp2: 2, 1, 1, 1
	Inp1: 2, 2, 3, 2
	Inp2: 2, 2, 1, 2
	Inp1: 2, 2, 3, 2 Inp2: 1, 2, 3, 2
	Inp1: 2, 2, 1, 2
	Inp2: 2, 2, 3, 1
	Inp1: 2, 3, 3, 1
	Inp2: 2, 3, 1, 2
	Inp1: 2, 1, 3, 2
	Inp2: 2, 3, 3, 1
	Inp2: 2, 3, 3, 1 Inp1: 2, 3, 3, 1
	Inp2: 2, 1, 3, 2
	Inp1: 2, 1, 3, 2
	Inp2: 2, 3, 1, 2
	Inp1: 5, 1
	Inp2: 1, 6 Inp1: 2, 3, 1, 2
	Inp1: 2, 3, 1, 2 Inp2: 2, 1, 3, 2
	Inp2. 2, 1, 3, 2 Inp1: 1, 3, 1, 2
	Inp1. 1, 3, 1, 2 Inp2: 2, 1, 3, 1
	Inp1: 4, 6, 1, 2, 1



Kernel name	Parameters
	Inp2: 1, 6, 1, 1, 2
	Inp1: 2, 1, 5, 3, 1
	Inp2: 1, 1, 1, 1, 2
	Inp2: 1, 1, 1, 1, 2 Inp1: 1, 1, 1, 1, 1
	Inp2: 2, 3, 4, 5, 1
	Inp1: 6, 7, 8, 2, 2
	Inp2: 1, 1, 1, 1, 1
	Inp2: 1, 1, 1, 1, 1 Inp1: 2, 2, 3, 1
	Inp2: 2, 2, 3, 2
	Inp1: 2, 2, 1, 1
	Inp2: 2, 2, 3, 2
	Inp1: 2, 2, 1, 2
	Inp2: 2, 2, 3, 2 Inp1: 1, 2, 3, 2
	Inp1: 1, 2, 3, 2
	Inp2: 2, 2, 3, 2 Inp1: 2, 2, 2, 1
	Inp1: 2, 2, 2, 1
	Inp2: 1, 1, 1, 1 Inp1: 2, 2, 1, 1
	Inp1: 2, 2, 1, 1
	Inp2: 1, 1, 1, 1
	Inp1: 2, 1, 1, 1 Inp2: 1, 1, 1, 1
	Inp1: 1, 160, 7, 7
	Inp2: 34, 160, 7, 7
	Inp1: 10, 4, 7, 9
	axis: 0 start: 5
	end: 5
	step: 95
	Inp1: 7, 8, 7, 9
	axis: 1
	start: 4
	end: 7
	step: 31
	Inp1: 10, 9, 10, 5, 10
	axis: 1
	start: 8
xa_nn_slice - Signed 8-bit	end: 8
7.62_1111_01100	step: 53
	Inp1: 4, 5, 4, 6, 9
	axis: 1 start: 4
	end: 4
	step: 65
	Inp1: 8, 6, 5, 8
	axis: 0
	start: 7
	end: 7
	step: 74
	Inp1: 7, 9, 8, 7
	axis: 3
	start: 1



Kernel name	Parameters
	end: 3
	step: 80
	Inp1: 5, 5, 7, 4
	axis: 2
	start: 3
	end: 3
	step: 26
	Inp1: 2, 3, 1, 2, 4
	axis: 0
	start: 0
	end: 1
	step: 3
	Inp1: 2, 3, 1, 2, 4
	axis: 0
	start: 0
	end: 0
	step: 1
	Inp1: 2, 3, 1, 2, 4
	axis: 0
	start: 1
	end: 1
	step: 1
	Inp1: 2, 3, 1, 2, 4
	axis: 0
	start: 1
	end: 1
	step: 17
	Inp1: 2, 3, 1, 2, 4
	axis: 1
	start: 0
	end: 2
	step: 3
	Inp1: 2, 3, 1, 2, 4
	axis: 1
	start: 0
	end: 2
	step: 1
	Inp1: 2, 3, 1, 2, 4
	axis: 1
	start: 2
	end: 2
	step: 1
	Inp1: 2, 3, 1, 2, 4
	axis: 1
	start: 1
	end: 2
	step: 64
	Inp1: 2, 3, 1, 2, 4
	axis: 2
	start: 0
	end: 0
_	step: 9



Kernel name	Parameters
	Inp1: 2, 3, 1, 2, 4
	axis: 2
	start: 0
	end: 0
	step: 1
	Inp1: 2, 3, 1, 2, 4
	axis: 3
	start: 0
	end: 1
	step: 9
	Inp1: 2, 3, 1, 2, 4
	axis: 3
	start: 0
	end: 1
	step: 1
	Inp1: 2, 3, 1, 2, 4
	axis: 3
	start: 1
	end: 1
	step: 1
	Inp1: 2, 3, 1, 2, 4
	axis: 3
	start: 0
	end: 1
	step: 5
	Inp1: 2, 3, 1, 2, 4
	axis: 3
	start: 0
	end: 1
	step: 5
	Inp1: 2, 3, 1, 2, 4
	axis: 4
	start: 0
	end: 3
	step: 9
	Inp1: 2, 3, 1, 2, 4
	axis: 4
	start: 0
	end: 0
	step: 1
	Inp1: 2, 3, 1, 2, 4
	axis: 4
	start: 3
	end: 3
	step: 1
	Inp1: 2, 3, 1, 2, 4
	axis: 4
	start: 2
	end: 3
	step: 5
	Inp1: 4, 8, 2, 1
	axis: 0



Kernel name	Parameters
	start: 0
	end: 3
	step: 3
	Inp1: 4, 8, 2, 1
	axis: 0
	start: 0
	end: 1
	step: 1
	Inp1: 4, 8, 2, 1
	axis: 0
	start: 3
	end: 3
	step: 1
	Inp1: 4, 8, 2, 1
	axis: 0
	start: 1
	end: 2
	step: 17
	Inp1: 4, 8, 2, 1
	axis: 1
	start: 0
	end: 7
	step: 3
	Inp1: 4, 8, 2, 1
	axis: 1
	start: 0
	end: 3
	step: 1
	Inp1: 4, 8, 2, 1
	axis: 1
	start: 7
	end: 7
	step: 1
	Inp1: 4, 8, 2, 1
	axis: 1
	start: 4
	end: 6
	step: 64
	Inp1: 4, 8, 2, 1
	111p1: 4, 0, 2, 1
	axis: 2 start: 0
	end: 1
	step: 9
	Inp1: 4, 8, 2, 1
	axis: 2
	start: 0
	end: 0
	step: 1
	Inp1: 4, 8, 2, 1
	axis: 2
	start: 1
	end: 1



Kernel name	Parameters
	step: 1
	Inp1: 4, 8, 2, 1
	axis: 2
	start: 1
	end: 1
	step: 5
	Inp1: 4, 8, 2, 1
	axis: 3
	start: 0
	end: 0
	step: 9
	Inp1: 4, 8, 2, 1
	axis: 3
	start: 0
	end: 0
	step: 1
	Inp1: 3, 2, 1, 2
	axis: 0
	start: 0
	end: 2
	step: 3
	Inp1: 3, 2, 1, 2
	axis: 0
	start: 0
	end: 1
	step: 1
	Inp1: 3, 2, 1, 2
	axis: 0
	start: 2
	end: 2
	step: 1
	Inp1: 3, 2, 1, 2
	axis: 0
	start: 2
	end: 2
	step: 17
	Inp1: 3, 2, 1, 2
	axis: 1
	start: 0
	end: 1
	step: 3
	Inp1: 3, 2, 1, 2
	axis: 1
	start: 0
	end: 1
	step: 1
	Inp1: 3, 2, 1, 2
	axis: 1
	start: 1
	end: 1
	step: 1
	Inp1: 3, 2, 1, 2



Kernel name	Parameters
	axis: 1
	start: 1
	end: 1
	step: 64
	Inp1: 3, 2, 1, 2
	axis: 2
	start: 0
	end: 0
	step: 9
	Inp1: 3, 2, 1, 2
	axis: 2
	start: 0
	end: 0
	step: 1
	Inp1: 3, 2, 1, 2
	axis: 2
	start: 0
	end: 0
	step: 5
	Inp1: 3, 2, 1, 2
	axis: 3
	start: 0
	end: 1
	step: 9
	Inp1: 3, 2, 1, 2
	axis: 3
	start: 0
	end: 1
	step: 1
	Inp1: 3, 2, 1, 2
	axis: 3
	start: 1
	end: 1
	step: 5
	Inp1: 3, 3, 1, 1
	axis: 0
	start: 0
	end: 2
	step: 3
	Inp1: 3, 3, 1, 1
	axis: 0
	start: 0
	end: 2
	step: 1
	Step. 1
	Inp1: 3, 3, 1, 1
	axis: 0
	start: 2
	end: 2
	step: 1
	Inp1: 3, 3, 1, 1
	axis: 0
	start: 2



Kernel name	Parameters
	end: 2
	step: 17
	Inp1: 3, 3, 1, 1
	axis: 1
	start: 0
	end: 2
	step: 3
	Inp1: 3, 3, 1, 1
	axis: 1
	start: 0
	end: 1
	step: 1
	Inp1: 3, 3, 1, 1
	axis: 1
	start: 2
	end: 2
	step: 1
	Inp1: 3, 3, 1, 1
	axis: 1
	start: 2
	end: 2
	step: 64
	Inp1: 3, 3, 1, 1
	axis: 2
	start: 0
	end: 0
	step: 9
	Inp1: 3, 3, 1, 1
	axis: 2
	start: 0
	end: 0
	step: 1
	Inp1: 3, 3, 1, 1
	axis: 2
	start: 0
	end: 0
	step: 5
	Inp1: 3, 3, 1, 1
	axis: 3
	start: 0
	end: 0
	step: 9
	Inp1: 3, 3, 1, 1
	axis: 3
	start: 0
	end: 0
	step: 1
	Inp1: 3, 3, 1, 1
	axis: 3
	start: 0
	end: 0
	step: 5



Kernel name	Parameters
	Inp1: 1, 1, 1, 1
	axis: 0
	start: 0
	end: 0
	step: 1
	Inp1: 1, 1, 1
	axis: 1
	start: 0
	end: 0
	step: 3
	Inp1: 1, 1, 1, 1
	axis: 2
	start: 0
	end: 0
	step: 9
	Inp1: 1, 1, 1, 1
	axis: 3
	start: 0
	end: 0
	step: 1
	Inp1: 4, 1, 2, 1
	axis: 3
	start: 0
	end: 0
	step: 1
	Inp1: 5, 5, 7, 4, 4
	axis: 3
	start: 0
	end: 2
	step: 8
	Inp1: 4, 9, 8, 10
	axis: 0
	start: 2
	end: 3
	step: 64
	Inp1: 5, 4, 6, 10
	axis: 0
	start: 3
xa_nn_slice - Signed 16-bit	end: 3
Ad_IIII_DIIDO DIGITO DIE	step: 42
	Inp1: 4, 7, 10, 4, 4
	axis: 2
	start: 9
	end: 9
	step: 79
	Inp1: 8, 8, 10, 5, 9
	axis: 3
	start: 1
	end: 2
	step: 86
	Inp1: 6, 7, 7, 8
	axis: 1
	1



Kernel name	Parameters
	start: 5
	end: 6
	step: 7
	Inp1: 8, 9, 4, 7
	axis: 3
	start: 1
	end: 1
	step: 17
	Inp1: 2, 3, 1, 2, 4
	axis: 0
	start: 0
	end: 1
	step: 3
	Inp1: 2, 3, 1, 2, 4
	axis: 0
	start: 0
	end: 0
	step: 1
	Inp1: 2, 3, 1, 2, 4
	axis: 0
	start: 1
	end: 1
	step: 1
	Inp1: 2, 3, 1, 2, 4
	axis: 0
	start: 1
	end: 1
	step: 17
	Inp1: 2, 3, 1, 2, 4
	axis: 1
	start: 0
	end: 2
	step: 3
	Inp1: 2, 3, 1, 2, 4
	axis: 1
	start: 0
	end: 2
	step: 1
	Inp1: 2, 3, 1, 2, 4
	axis: 1
	start: 2
	end: 2
	step: 1
	Inp1: 2, 3, 1, 2, 4
	axis: 1
	start: 1
	end: 2
	step: 64
	Inp1: 2, 3, 1, 2, 4
	axis: 2
	start: 0
	end: 0



Kernel name	Parameters
	step: 9
	Inp1: 2, 3, 1, 2, 4
	axis: 2
	start: 0
	end: 0
	step: 1
	Inp1: 2, 3, 1, 2, 4
	axis: 3
	start: 0
	end: 1
	step: 9
	Inp1: 2, 3, 1, 2, 4
	axis: 3
	start: 0
	end: 1
	step: 1
	Inp1: 2, 3, 1, 2, 4
	axis: 3
	start: 1
	end: 1
	step: 1
	Inp1: 2, 3, 1, 2, 4
	axis: 3
	start: 0
	end: 1
	step: 5
	Inp1: 2, 3, 1, 2, 4
	axis: 3 start: 0
	end: 1
	step: 5
	Inp1: 2, 3, 1, 2, 4
	axis: 4
	start: 0
	end: 3
	step: 9
	Inp1: 2, 3, 1, 2, 4
	axis: 4
	start: 0
	end: 0
	step: 1
	Inp1: 2, 3, 1, 2, 4
	axis: 4
	start: 3
	end: 3
	step: 1
	Inp1: 2, 3, 1, 2, 4
	axis: 4
	start: 2
	end: 3
	step: 5
	Inp1: 4, 8, 2, 1



Kernel name	Parameters
	axis: 0
	start: 0
	end: 3
	step: 3
	Inp1: 4, 8, 2, 1
	axis: 0
	start: 0
	end: 1
	step: 1
	Inp1: 4, 8, 2, 1
	axis: 0
	start: 3
	end: 3
	step: 1
	Inp1: 4, 8, 2, 1
	axis: 0
	start: 1
	end: 2
	step: 17
	Inp1: 4, 8, 2, 1
	axis: 1
	start: 0
	end: 7
	step: 3
	Inp1: 4, 8, 2, 1
	axis: 1
	start: 0
	end: 3
	step: 1
	Inp1: 4, 8, 2, 1
	axis: 1
	start: 7
	end: 7
	step: 1
	Inp1: 4, 8, 2, 1
	axis: 1
	start: 4
	end: 6
	step: 64
	Inp1: 4, 8, 2, 1
	axis: 2
	start: 0
	end: 1
	step: 9
	Inp1: 4, 8, 2, 1
	axis: 2
	start: 0
	end: 0
	step: 1
	Inp1: 4, 8, 2, 1
	axis: 2
	start: 1
	July 1



Kernel name	Parameters
	end: 1
	step: 1
	Inp1: 4, 8, 2, 1
	axis: 2
	start: 1
	end: 1
	step: 5
	Inp1: 4, 8, 2, 1
	axis: 3
	start: 0
	end: 0
	step: 9
	Inp1: 4, 8, 2, 1
	axis: 3
	start: 0
	end: 0
	step: 1
	Inp1: 3, 2, 1, 2
	axis: 0
	start: 0
	end: 2
	step: 3
	Inp1: 3, 2, 1, 2
	axis: 0
	start: 0
	end: 1
	step: 1
	Inp1: 3, 2, 1, 2
	axis: 0
	start: 2
	end: 2
	step: 1
	Inp1: 3, 2, 1, 2
	axis: 0
	start: 2
	end: 2
	step: 17
	Inp1: 3, 2, 1, 2
	axis: 1
	start: 0 end: 1
	step: 3
	Inp1: 3, 2, 1, 2 axis: 1
	start: 0
	end: 1
	step: 1
	Inp1: 3, 2, 1, 2
	axis: 1
	start: 1
	end: 1
	step: 1
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Kernel name	Parameters
	Inp1: 3, 2, 1, 2
	axis: 1
	start: 1
	end: 1
	step: 64
	Inp1: 3, 2, 1, 2
	axis: 2
	start: 0
	end: 0
	step: 9
	Inp1: 3, 2, 1, 2
	axis: 2
	start: 0
	end: 0
	step: 1
	Inp1: 3, 2, 1, 2
	axis: 2
	start: 0
	end: 0
	step: 5
	Inp1: 2 0 1 0
	Inp1: 3, 2, 1, 2
	axis: 3
	start: 0
	end: 1
	step: 9
	Inp1: 3, 2, 1, 2
	axis: 3
	start: 0
	end: 1
	step: 1
	Inp1: 3, 2, 1, 2
	axis: 3
	start: 1
	end: 1
	step: 5
	Inp1: 3, 3, 1, 1
	axis: 0
	start: 0
	end: 2
	step: 3
	Inp1: 3, 3, 1, 1
	axis: 0
	start: 0
	end: 2
	step: 1
	Inp1: 3, 3, 1, 1
	axis: 0
	start: 2
	end: 2
	step: 1
	Inp1: 3, 3, 1, 1
	axis: 0



Kernel name	Parameters
	start: 2
	end: 2
	step: 17
	Inp1: 3, 3, 1, 1
	axis: 1
	start: 0
	end: 2
	step: 3
	Inp1: 3, 3, 1, 1
	axis: 1
	start: 0
	end: 1
	step: 1
	Inp1: 3, 3, 1, 1
	axis: 1
	start: 2
	end: 2
	step: 1
	Inp1: 3, 3, 1, 1
	axis: 1
	start: 2
	end: 2
	step: 64
	Inp1: 3, 3, 1, 1
	axis: 2
	start: 0
	end: 0
	step: 9
	Inp1: 3, 3, 1, 1
	axis: 2
	start: 0
	end: 0
	step: 1
	Inp1: 3, 3, 1, 1
	axis: 2
	start: 0
	end: 0
	step: 5
	Inp1: 3, 3, 1, 1
	axis: 3
	start: 0
	end: 0
	step: 9
	Inp1: 3, 3, 1, 1
	axis: 3
	start: 0
	end: 0
	step: 1
	Inp1: 3, 3, 1, 1
	axis: 3
	start: 0
	end: 0



Kernel name	Parameters
	step: 5
	Inp1: 1, 1, 1, 1
	axis: 0
	start: 0
	end: 0
	step: 1
	Inp1: 1, 1, 1, 1
	axis: 1
	start: 0
	end: 0
	step: 3
	Inp1: 1, 1, 1, 1
	axis: 2
	start: 0
	end: 0
	step: 9
	Inp1: 1, 1, 1, 1
	axis: 3
	start: 0
	end: 0
	step: 1
	Inp1: 4, 1, 2, 1 axis: 3
	start: 0
	end: 0
	step: 1
	Inp1: 6, 9, 9, 4, 6
	axis: 3
	start: 2
	end: 3
	step: 73
	Inp1: 7, 10, 6, 6
	axis: 0
	start: 4
	end: 6
	step: 46
	Inp1: 9, 8, 10, 4, 7
	axis: 0
vo an alice Cianad 20 hit	start: 3
xa_nn_slice – Signed 32-bit	end: 3
	step: 47
	Inp1: 4, 7, 5, 9
	axis: 1
	start: 2
	end: 5
	step: 67
	Inp1: 10, 6, 5, 8
	axis: 2 start: 2
	end: 3
	step: 35
	Inp1: 9, 10, 8, 10



Kernel name	Parameters
	axis: 3
	start: 1
	end: 4
	step: 68
	Inp1: 5, 4, 7, 7, 6
	axis: 1
	start: 3
	end: 3
	step: 79
	Inp1: 2, 3, 1, 2, 4
	axis: 0
	start: 0
	end: 1
	step: 3
	Inp1: 2, 3, 1, 2, 4
	axis: 0
	start: 0
	end: 0
	step: 1
	Inp1: 2, 3, 1, 2, 4
	axis: 0
	start: 1
	end: 1
	step: 1
	Inp1: 2, 3, 1, 2, 4
	axis: 0
	start: 1
	end: 1
	step: 17
	Inp1: 2, 3, 1, 2, 4
	axis: 1
	start: 0
	end: 2
	step: 3
	Inp1: 2, 3, 1, 2, 4
	axis: 1
	start: 0
	end: 2
	step: 1
	Inp1: 2, 3, 1, 2, 4
	axis: 1
	start: 2
	end: 2
	step: 1
	Inp1: 2, 3, 1, 2, 4
	axis: 1
	start: 1
	end: 2
	step: 64
	Inp1: 2, 3, 1, 2, 4
	axis: 2
	start: 0
	Start. 0



Kernel name	Parameters
	end: 0
	step: 9
	Inp1: 2, 3, 1, 2, 4
	axis: 2
	start: 0
	end: 0
	step: 1
	Inp1: 2, 3, 1, 2, 4
	axis: 3
	start: 0
	end: 1
	step: 9
	Inp1: 2, 3, 1, 2, 4
	axis: 3
	start: 0
	end: 1
	step: 1
	Inp1: 2, 3, 1, 2, 4
	axis: 3
	start: 1
	end: 1
	step: 1
	Inp1: 2, 3, 1, 2, 4
	axis: 3
	start: 0
	end: 1
	step: 5
	Inp1: 2, 3, 1, 2, 4
	axis: 3
	start: 0
	end: 1
	step: 5
	Inp1: 2, 3, 1, 2, 4
	axis: 4
	start: 0
	end: 3 step: 9
	Inp1: 2, 3, 1, 2, 4 axis: 4
	start: 0
	end: 0
	step: 1
	Inp1: 2, 3, 1, 2, 4
	axis: 4
	start: 3
	end: 3
	step: 1
	Inp1: 2, 3, 1, 2, 4
	axis: 4
	start: 2
	end: 3
	step: 5



Kernel name	Parameters
	Inp1: 4, 8, 2, 1
	axis: 0
	start: 0
	end: 3
	step: 3
	Inp1: 4, 8, 2, 1
	axis: 0
	start: 0
	end: 1
	step: 1
	Inp1: 4, 8, 2, 1
	axis: 0
	start: 3
	end: 3
	step: 1
	Inp1: 4, 8, 2, 1
	axis: 0
	start: 1
	end: 2
	step: 17
	Inp1: 4, 8, 2, 1
	axis: 1
	start: 0
	end: 7
	step: 3
	Inp1: 4, 8, 2, 1
	axis: 1
	start: 0
	end: 3
	step: 1
	Inp1: 4, 8, 2, 1
	axis: 1
	start: 7
	end: 7
	step: 1
	Inp1: 4, 8, 2, 1
	axis: 1
	start: 4
	end: 6
	step: 64
	Inp1: 4, 8, 2, 1
	axis: 2
	start: 0
	end: 1
	step: 9
	Inp1: 4, 8, 2, 1
	axis: 2
	start: 0
	end: 0
	step: 1
	Inp1: 4, 8, 2, 1
	axis: 2



Kernel name	Parameters
	start: 1
	end: 1
	step: 1
	Inp1: 4, 8, 2, 1
	axis: 2
	start: 1
	end: 1
	step: 5
	Inp1: 4, 8, 2, 1
	axis: 3
	start: 0
	end: 0
	step: 9
	Inp1: 4, 8, 2, 1
	axis: 3
	start: 0
	end: 0
	step: 1
	Inp1: 3, 2, 1, 2
	axis: 0
	start: 0
	end: 2
	step: 3
	Inp1: 3, 2, 1, 2
	axis: 0
	start: 0
	end: 1
	step: 1
	Inp1: 3, 2, 1, 2
	axis: 0
	start: 2
	end: 2
	step: 1
	Inp1: 3, 2, 1, 2
	axis: 0
	start: 2
	end: 2
	step: 17
	Inp1: 3, 2, 1, 2
	axis: 1
	start: 0
	end: 1
	step: 3
	Inp1: 3, 2, 1, 2
	axis: 1
	start: 0
	end: 1
	step: 1
	Inp1: 3, 2, 1, 2
	axis: 1
	start: 1
	end: 1
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Kernel name	Parameters
	step: 1
	Inp1: 3, 2, 1, 2
	axis: 1
	start: 1
	end: 1
	step: 64
	Inp1: 3, 2, 1, 2
	axis: 2
	start: 0
	end: 0
	step: 9
	Inp1: 3, 2, 1, 2
	axis: 2
	start: 0
	end: 0
	step: 1
	Inp1: 3, 2, 1, 2
	axis: 2
	start: 0
	end: 0
	step: 5
	Inp1: 3, 2, 1, 2
	axis: 3
	start: 0
	end: 1
	step: 9
	Inp1: 3, 2, 1, 2
	axis: 3
	start: 0
	end: 1
	step: 1
	Inp1: 3, 2, 1, 2
	axis: 3
	start: 1
	end: 1
	step: 5
	Inp1: 3, 3, 1, 1
	axis: 0
	start: 0
	end: 2
	step: 3
	Inp1: 3, 3, 1, 1
	axis: 0
	start: 0
	end: 2
	step: 1
	Inp1: 3, 3, 1, 1
	axis: 0
	start: 2
	end: 2
	step: 1
	Inp1: 3, 3, 1, 1



Kernel name	Parameters
	axis: 0
	start: 2
	end: 2
	step: 17
	Inp1: 3, 3, 1, 1
	axis: 1
	start: 0
	end: 2
	step: 3
	Inp1: 3, 3, 1, 1
	axis: 1
	start: 0
	end: 1
	step: 1
	Inp1: 3, 3, 1, 1
	axis: 1
	start: 2
	end: 2
	step: 1
	Inp1: 3, 3, 1, 1
	axis: 1
	start: 2
	end: 2
	step: 64
	Inp1: 3, 3, 1, 1
	axis: 2
	start: 0
	end: 0
	step: 9
	Inp1: 3, 3, 1, 1
	axis: 2
	start: 0
	end: 0
	step: 1
	Inp1: 3, 3, 1, 1
	axis: 2
	start: 0
	end: 0
	step: 5
	Inp1: 3, 3, 1, 1
	axis: 3
	start: 0
	end: 0
	step: 9
	Inp1: 3, 3, 1, 1
	axis: 3
	start: 0
	end: 0
	step: 1
	Inp1: 3, 3, 1, 1
	axis: 3
	start: 0
	Start. 0



Kernel name	Parameters
	end: 0
	step: 5
	Inp1: 1, 1, 1, 1
	axis: 0
	start: 0
	end: 0
	step: 1
	Inp1: 1, 1, 1, 1
	axis: 1
	start: 0
	end: 0
	step: 3
	Inp1: 1, 1, 1, 1
	axis: 2
	start: 0
	end: 0
	step: 9
	Inp1: 1, 1, 1, 1
	axis: 3
	start: 0
	end: 0
	step: 1
	Inp1: 4, 1, 2, 1
	axis: 3
	start: 0
	end: 0
	step: 1
	Inp1: 8, 9, 7, 9, 7
	axis: 4
	start: 0
	end: 4
	step: 36
	Inp1: 8, 8, 6, 7
	axis: 3
	start: 5
	end: 6
	step: 33
	Inp1: 4, 8, 6, 6, 7
	axis: 3
va na alica Unaignad 9 hit	start: 2
xa_nn_slice – Unsigned 8-bit	end: 5
	step: 77
	Inp1: 4, 9, 6, 7, 4
	axis: 3
	start: 5
	end: 6
	step: 39
	Inp1: 9, 9, 9, 8, 7
	axis: 3
	start: 2
	end: 2
	step: 89



Kernel name Parar	neters
Inp1: 4	, 7, 8, 4
	s: 3
	t: 0
	d: 0
	o: 5
	9, , 7, 5
axi	
	t: 5
	d: 6
	p: 9
	9, 7, 9, 7
	s: 4
	t: 0
	I: 6
	p: 1
Inp1: 2,	3, 1, 2, 4
axi	s: 0
sta	t: 0
en	d: 1
ste	o: 3
	3, 1, 2, 4
	s: 0
	t: 0
	d: 0
ste	
	3, 1, 2, 4
	s: 0
sta	t: 1
en	
	o: 1
	3, 1, 2, 4
	s: 0
sta	
en	
	2.4.0.4
	3, 1, 2, 4
axi	
	t: 0
	d: 2
Ste	p: 3
	3, 1, 2, 4
axi	s: 1
	t: 0
	d: 2
ste	
Inp1: 2,	3, 1, 2, 4
axi	s: 1
sta	t: 2
en	d: 2
ste	
	3, 1, 2, 4
	s: 1



Kernel name	Parameters
	start: 1
	end: 2
	step: 64
	Inp1: 2, 3, 1, 2, 4
	axis: 2
	start: 0
	end: 0
	step: 9
	Inp1: 2, 3, 1, 2, 4
	axis: 2
	start: 0
	end: 0
	step: 1
	Inp1: 2, 3, 1, 2, 4
	axis: 2
	start: 0
	end: 0
	step: 1
	Inp1: 2, 3, 1, 2, 4
	axis: 2
	start: 0
	end: 0
	step: 5
	Inp1: 2, 3, 1, 2, 4
	axis: 3
	start: 0
	end: 1
	step: 9
	Inp1: 2, 3, 1, 2, 4
	axis: 3
	start: 0
	end: 1
	step: 1
	Inp1: 2, 3, 1, 2, 4
	111p1. 2, 0, 1, 2, 4
	axis: 3
	start: 1
	end: 1
	step: 1
	Inp1: 2, 3, 1, 2, 4
	axis: 3
	start: 0
	end: 1
	step: 5
	Inp1: 2, 3, 1, 2, 4
	axis: 3
	start: 0
	end: 1
	step: 5
	Inp1: 2, 3, 1, 2, 4
	axis: 4
	start: 0
	end: 3



Kernel name	Parameters
	step: 9
	Inp1: 2, 3, 1, 2, 4
	axis: 4
	start: 0
	end: 0
	step: 1
	Inp1: 2, 3, 1, 2, 4
	axis: 4
	start: 3
	end: 3
	step: 1
	Inp1: 2, 3, 1, 2, 4
	axis: 4
	start: 2
	end: 3
	step: 5
	Inp1: 4, 8, 2, 1
	axis: 0
	start: 0
	end: 3
	step: 3
	Inp1: 4, 8, 2, 1
	axis: 0
	start: 0
	end: 1
	step: 1
	Inp1: 4, 8, 2, 1
	axis: 0
	start: 3
	end: 3
	step: 1
	Inp1: 4, 8, 2, 1
	axis: 0
	start: 1
	end: 2
	step: 17
	Inp1: 4, 8, 2, 1
	axis: 1
	start: 0
	end: 7
	step: 3
	Inp1: 4, 8, 2, 1
	axis: 1
	start: 0
	end: 3
	step: 1
	Inp1: 4, 8, 2, 1
	axis: 1
	start: 7
	end: 7
	step: 1
	Inp1: 4, 8, 2, 1



Kernel name	Parameters
	axis: 1
	start: 4
	end: 6
	step: 64
	Inp1: 4, 8, 2, 1
	axis: 2
	start: 0
	end: 1
	step: 9
	Inp1: 4, 8, 2, 1
	axis: 2
	start: 0
	end: 0
	step: 1
	Inn1: 4 0 0 1
	Inp1: 4, 8, 2, 1
	axis: 2
	start: 1
	end: 1
	step: 1
	Inp1: 4, 8, 2, 1
	axis: 2
	start: 1
	end: 1
	step: 5
	Inp1: 4, 8, 2, 1
	axis: 3
	start: 0
	end: 0
	step: 9
	Inp1: 4, 8, 2, 1
	axis: 3
	start: 0
	end: 0
	step: 1
	Inp1: 4, 8, 2, 1
	axis: 3
	start: 0
	end: 0
	step: 1
	Inp1: 4, 8, 2, 1
	axis: 3
	start: 0
	end: 0
	step: 5
	Inp1: 3, 2, 1, 2
	axis: 0
	start: 0
	end: 2
	step: 3
	Inp1: 3, 2, 1, 2
	axis: 0
	start: 0



Kernel name	Parameters
	end: 1
	step: 1
	Inp1: 3, 2, 1, 2
	axis: 0
	start: 0
	end: 1
	step: 1
	Inp1: 3, 2, 1, 2
	axis: 0
	start: 2
	end: 2
	step: 1
	Inpl: 2 2 1 2
	Inp1: 3, 2, 1, 2
	axis: 0
	start: 2
	end: 2
	step: 17
	Inp1: 3, 2, 1, 2
	axis: 1
	start: 0
	end: 1
	step: 3
	Inp1: 3, 2, 1, 2
	axis: 1
	start: 0
	end: 1
	step: 1
	Inp1: 3, 2, 1, 2
	axis: 1
	start: 0
	end: 1
	step: 1
	Inp1: 3, 2, 1, 2
	axis: 1
	start: 1
	end: 1
	step: 1
	Inp1: 3, 2, 1, 2
	axis: 1
	start: 1
	end: 1
	step: 64
	Inpl: 2 2 1 2
	Inp1: 3, 2, 1, 2
	axis: 2 start: 0
	end: 0
	step: 9
	Inp1: 3, 2, 1, 2
	axis: 2
	start: 0
	end: 0
	step: 1



Kernel name	Parameters
	Inp1: 3, 2, 1, 2
	axis: 2
	start: 0
	end: 0
	step: 5
	Inp1: 3, 2, 1, 2
	axis: 3
	start: 0
	end: 1
	step: 9
	Inp1: 3, 2, 1, 2
	axis: 3
	start: 0
	end: 1
	step: 1
	Inp1: 3, 2, 1, 2
	axis: 3
	start: 1
	end: 1
	step: 5
	Inp1: 3, 3, 1, 1
	axis: 0
	start: 0
	end: 2
	step: 3
	Inp1: 3, 3, 1, 1
	axis: 0
	start: 0
	end: 2
	step: 1
	Inp1: 3, 3, 1, 1
	axis: 0
	start: 2
	end: 2
	step: 1
	Inp1: 3, 3, 1, 1
	axis: 0
	start: 2
	end: 2
	step: 17
	Inp1: 3, 3, 1, 1
	axis: 1
	start: 0
	end: 2
	step: 3
	Inp1: 3, 3, 1, 1
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	axis: 1
	start: 0
	end: 1
	step: 1
	Inp1: 3, 3, 1, 1
	axis: 1



Kernel name	Parameters
	start: 2
	end: 2
	step: 1
	Inp1: 3, 3, 1, 1
	axis: 1
	start: 2
	end: 2
	step: 64
	Inp1: 3, 3, 1, 1
	axis: 2
	start: 0
	end: 0
	step: 9
	Inp1: 3, 3, 1, 1
	axis: 2
	start: 0
	end: 0
	step: 1
	Inp1: 3, 3, 1, 1
	axis: 2
	start: 0
	end: 0
	step: 1
	Inp1: 3, 3, 1, 1
	axis: 2
	start: 0
	end: 0
	step: 5
	Inp1: 3, 3, 1, 1
	axis: 3
	start: 0
	end: 0
	step: 9
	Inp1: 3, 3, 1, 1
	ovic: 3
	axis: 3
	start: 0
	end: 0
	step: 1
	Inp1: 3, 3, 1, 1
	axis: 3
	start: 0
	end: 0
	step: 1
	Inp1: 3, 3, 1, 1
	axis: 3
	start: 0
	end: 0
	step: 5
	Inp1: 1, 1, 1, 1
	axis: 0
	start: 0
	end: 0



Kernel name	Parameters
	step: 1
	Inp1: 1, 1, 1, 1
	axis: 1
	start: 0
	end: 0
	step: 3
	Inp1: 1, 1, 1, 1
	axis: 2
	start: 0
	end: 0
	step: 9
	Inp1: 1, 1, 1, 1
	axis: 3
	start: 0
	end: 0
	step: 1
	Inp1: 4, 1, 2, 1
	axis: 3
	start: 0
	end: 0
	step: 1
	Inp1: 5, 5, 10, 7
	axis: 0
	start: 1
	end: 2
	step: 42
	Inp1: 9, 4, 4, 8, 7
	axis: 0
	start: 5
	end: 8
	step: 66
	Inp1: 7, 10, 6, 7, 5
	axis: 0
	start: 2
	end: 6
	step: 49
xa_nn_slice – Unsigned 16-bit	Inp1: 9, 8, 6, 8
	axis: 3
	start: 5
	end: 5
	step: 23
	Inp1: 4, 7, 10, 5
	axis: 2 start: 7
	end: 7 step: 11
	Inp1: 9, 10, 5, 5, 4
	axis: 1
	start: 3
	end: 8
	step: 89
	Inp1: 7, 8, 5, 10



Kernel name	Parameters
	axis: 3
	start: 1
	end: 3
	step: 36
	Inp1: 9, 10, 5, 5, 4
	axis: 4
	start: 0
	end: 3
	step: 1
	Inp1: 2, 3, 1, 2, 4
	axis: 0
	start: 0
	end: 1
	step: 3
	Inp1: 2, 3, 1, 2, 4
	axis: 0
	start: 0
	end: 0
	step: 1
	Inp1: 2, 3, 1, 2, 4
	axis: 0
	start: 1
	end: 1
	step: 1
	Inp1: 2, 3, 1, 2, 4
	axis: 0
	start: 1
	end: 1
	step: 17
	Inp1: 2, 3, 1, 2, 4
	axis: 1
	start: 0
	end: 2
	step: 3
	Inp1: 2, 3, 1, 2, 4
	axis: 1
	start: 0
	end: 2
	step: 1
	Inp1: 2, 3, 1, 2, 4
	axis: 1
	start: 2
	end: 2
	step: 1
	Inp1: 2, 3, 1, 2, 4
	axis: 1
	start: 1
	end: 2
	step: 64
	Inp1: 2, 3, 1, 2, 4
	axis: 2
	start: 0



Kernel name	Parameters
	end: 0
	step: 9
	Inp1: 2, 3, 1, 2, 4
	axis: 2
	start: 0
	end: 0
	step: 1
	Inp1: 2, 3, 1, 2, 4
	axis: 2
	start: 0
	end: 0
	step: 1
	Inp1: 2, 3, 1, 2, 4
	axis: 2
	start: 0
	end: 0
	step: 5
	Inp1: 2, 3, 1, 2, 4
	axis: 3
	start: 0
	end: 1
	step: 9
	Inp1: 2, 3, 1, 2, 4
	axis: 3
	start: 0
	end: 1
	step: 1
	Inp1: 2, 3, 1, 2, 4
	axis: 3
	start: 1 end: 1
	step: 1
	Inp1: 2, 3, 1, 2, 4
	axis: 3
	start: 0
	end: 1
	step: 5
	Inp1: 2, 3, 1, 2, 4
	axis: 3
	start: 0
	end: 1
	step: 5
	Inp1: 2, 3, 1, 2, 4
	axis: 4
	start: 0
	end: 3
	step: 9
	Inp1: 2, 3, 1, 2, 4
	axis: 4
	start: 0
	end: 0
	step: 1



Kernel name	Parameters
	Inp1: 2, 3, 1, 2, 4
	axis: 4
	start: 3
	end: 3
	step: 1
	Inp1: 2, 3, 1, 2, 4
	axis: 4
	start: 2
	end: 3
	step: 5
	Inp1: 4, 8, 2, 1
	axis: 0
	start: 0
	end: 3
	step: 3
	Inp1: 4, 8, 2, 1
	axis: 0
	start: 0
	end: 1
	step: 1
	Inp1: 4, 8, 2, 1
	axis: 0
	start: 3
	end: 3
	step: 1
	Inp1: 4, 8, 2, 1
	axis: 0
	start: 1
	end: 2
	step: 17
	Inp1: 4, 8, 2, 1
	axis: 1
	start: 0
	end: 7
	step: 3
	Inp1: 4, 8, 2, 1
	axis: 1
	start: 0
	end: 3
	step: 1
	Inp1: 4, 8, 2, 1
	axis: 1
	start: 7
	end: 7
	step: 1
	Inpl: 4 0 0 4
	Inp1: 4, 8, 2, 1
	axis: 1
	start: 4
	end: 6
	step: 64
	Inp1: 4, 8, 2, 1
	axis: 2



Kernel name	Parameters
	start: 0
	end: 1
	step: 9
	Inp1: 4, 8, 2, 1
	axis: 2
	start: 0
	end: 0
	step: 1
	Inp1: 4, 8, 2, 1
	axis: 2
	start: 1
	end: 1
	step: 1
	Inp1: 4, 8, 2, 1
	axis: 2
	start: 1
	end: 1
	step: 5
	Inp1: 4, 8, 2, 1
	axis: 3
	start: 0
	end: 0
	step: 9
	Inp1: 4, 8, 2, 1
	axis: 3
	start: 0
	end: 0
	step: 1
	Inp1: 4, 8, 2, 1
	axis: 3
	start: 0
	end: 0
	step: 1
	Inp1: 4, 8, 2, 1
	axis: 3
	start: 0
	end: 0
	step: 5
	Inp1: 3, 2, 1, 2
	axis: 0
	start: 0
	end: 2
	step: 3
	Inn1: 2 2 1 2
	Inp1: 3, 2, 1, 2
	axis: 0
	start: 0
	end: 1
	step: 1
	Inp1: 3, 2, 1, 2
	axis: 0
	start: 0
	end: 1



Kernel name	Parameters
	step: 1
	Inp1: 3, 2, 1, 2
	axis: 0
	start: 2
	end: 2
	step: 1
	Inp1: 3, 2, 1, 2
	axis: 0
	start: 2
	end: 2
	step: 17
	Inp1: 3, 2, 1, 2
	axis: 1
	start: 0
	end: 1
	step: 3
	Inp1: 3, 2, 1, 2
	axis: 1
	start: 0
	end: 1
	step: 1
	Inp1: 3, 2, 1, 2
	axis: 1
	start: 0
	end: 1
	step: 1
	Inp1: 3, 2, 1, 2
	axis: 1
	start: 1
	end: 1
	step: 1
	Inp1: 3, 2, 1, 2
	axis: 1
	start: 1
	end: 1
	step: 64
	Inp1: 3, 2, 1, 2
	axis: 2 start: 0
	end: 0
	step: 9
	Inp1: 3, 2, 1, 2
	axis: 2
	start: 0
	end: 0
	step: 1
	Inp1: 3, 2, 1, 2
	axis: 2
	start: 0
	end: 0
	step: 5
	Inp1: 3, 2, 1, 2
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Kernel name	Parameters
	axis: 3
	start: 0
	end: 1
	step: 9
	Inp1: 3, 2, 1, 2
	axis: 3
	start: 0
	end: 1
	step: 1
	Inp1: 3, 2, 1, 2
	axis: 3
	start: 1
	end: 1
	step: 5
	Inp1: 3, 3, 1, 1
	axis: 0
	start: 0
	end: 2
	step: 3
	Inp1: 3, 3, 1, 1
	axis: 0
	start: 0
	end: 2
	step: 1
	Inp1: 3, 3, 1, 1
	axis: 0
	start: 2
	end: 2
	step: 1
	Inp1: 3, 3, 1, 1
	axis: 0
	start: 2
	end: 2
	step: 17
	Inp1: 3, 3, 1, 1
	axis: 1
	start: 0
	end: 2
	step: 3
	Inp1: 3, 3, 1, 1
	axis: 1
	start: 0
	end: 1
	step: 1
	Inp1: 3, 3, 1, 1
	axis: 1
	start: 2
	end: 2
	step: 1
	Inp1: 3, 3, 1, 1
	axis: 1
	start: 2
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Kernel name	Parameters
	end: 2
	step: 64
	Inp1: 3, 3, 1, 1
	axis: 2
	start: 0
	end: 0
	step: 9
	Inp1: 3, 3, 1, 1
	axis: 2
	start: 0
	end: 0
	step: 1
	Inp1: 3, 3, 1, 1
	axis: 2
	start: 0
	end: 0
	step: 1
	Inp1: 3, 3, 1, 1
	axis: 2
	start: 0
	end: 0
	step: 5
	Inp1: 3, 3, 1, 1
	axis: 3
	start: 0
	end: 0
	step: 9
	Inp1: 3, 3, 1, 1
	axis: 3
	start: 0
	end: 0
	step: 1
	Inp1: 3, 3, 1, 1
	axis: 3
	start: 0
	end: 0
	step: 1
	Inp1: 3, 3, 1, 1
	axis: 3
	start: 0
	end: 0
	step: 5
	Inp1: 1, 1, 1
	axis: 0
	start: 0
	end: 0
	step: 1
	Inp1: 1, 1, 1, 1 axis: 1
	start: 0
	end: 0
1	step: 3



Kernel name	Parameters
	Inp1: 1, 1, 1, 1
	axis: 2
	start: 0
	end: 0
	step: 9
	Inp1: 1, 1, 1, 1
	axis: 3
	start: 0
	end: 0
	step: 1
	Inp1: 4, 1, 2, 1
	axis: 3
	start: 0
	end: 0
	step: 1
	Inp1: 9, 7, 6, 5, 8
	axis: 0
	start: 5
	end: 8
	step: 86
	Inp1: 10, 9, 8, 4
	axis: 0
	start: 8
	end: 9
	step: 15
	Inp1: 5, 10, 9, 7, 4
	axis: 3
	start: 4
	end: 5
	step: 43
	Inp1: 7, 5, 7, 5
	axis: 3
	start: 1
xa_nn_slice - Unsigned 32-bit	end: 2
xa_fiil_slice = Offsigned 32-bit	step: 66
	Inp1: 10, 5, 7, 8, 8
	axis: 2
	start: 4
	end: 4
	step: 78
	Inp1: 7, 8, 10, 6, 5
	axis: 0
	start: 1
	end: 5
	step: 44
	Inp1: 5, 7, 5, 7, 8
	axis: 1
	start: 1
	end: 5
	step: 17
	Inp1: 9, 7, 6, 5, 8
	axis: 4



Kernel name	Parameters
	start: 0
	end: 7
	step: 1
	Inp1: 2, 3, 1, 2, 4
	axis: 0
	start: 0
	end: 0
	step: 1
	Inp1: 2, 3, 1, 2, 4
	axis: 0
	start: 1
	end: 1
	step: 1
	Inp1: 2, 3, 1, 2, 4
	axis: 0
	start: 1
	end: 1
	step: 17
	Inp1: 2, 3, 1, 2, 4
	axis: 1
	start: 0
	end: 2
	step: 3
	Inp1: 2, 3, 1, 2, 4
	axis: 1
	start: 0
	end: 2
	step: 1
	Inp1: 2, 3, 1, 2, 4
	axis: 1
	start: 2
	end: 2
	step: 1
	Inp1: 2, 3, 1, 2, 4
	axis: 1
	start: 1
	end: 2
	step: 64
	Inp1: 2, 3, 1, 2, 4
	axis: 2
	start: 0
	end: 0
	step: 9
	Inp1: 2, 3, 1, 2, 4
	axis: 2
	start: 0
	end: 0
	step: 1
	Inp1: 2, 3, 1, 2, 4
	axis: 2
	start: 0
	end: 0



Kernel name	Parameters
	step: 1
	Inp1: 2, 3, 1, 2, 4
	axis: 2
	start: 0
	end: 0
	step: 5
	Inp1: 2, 3, 1, 2, 4
	axis: 3
	start: 0
	end: 1
	step: 9
	Inp1: 2, 3, 1, 2, 4
	axis: 3
	start: 0
	end: 1
	step: 1
	Inp1: 2, 3, 1, 2, 4
	axis: 3
	start: 1
	end: 1
	step: 1
	Inp1: 2, 3, 1, 2, 4
	axis: 3
	start: 0
	end: 1
	step: 5
	Inp1: 2, 3, 1, 2, 4
	axis: 3
	start: 0
	end: 1
	step: 5
	Inp1: 2, 3, 1, 2, 4
	axis: 4
	start: 0 end: 3
	step: 9
	Inp1: 2, 3, 1, 2, 4
	axis: 4
	start: 0
	end: 0
	step: 1
	Inp1: 2, 3, 1, 2, 4
	axis: 4
	start: 3
	end: 3
	step: 1
	Inp1: 2, 3, 1, 2, 4
	axis: 4
	start: 2
	end: 3
	step: 5
	Inp1: 4, 8, 2, 1
	p, 0, -, .



Kernel name	Parameters
	axis: 0
	start: 0
	end: 3
	step: 3
	Inp1: 4, 8, 2, 1
	axis: 0
	start: 0
	end: 1
	step: 1
	Inp1: 4, 8, 2, 1
	axis: 0
	start: 3
	end: 3
	step: 1
	Inp1: 4, 8, 2, 1
	axis: 0
	start: 1
	end: 2
	step: 17
	Inp1: 4, 8, 2, 1
	axis: 1
	start: 0
	end: 7
	step: 3
	Inp1: 4, 8, 2, 1
	axis: 1
	start: 0
	end: 3
	step: 1
	Inp1: 4, 8, 2, 1
	axis: 1
	start: 7
	end: 7
	step: 1
	Inp1: 4, 8, 2, 1
	axis: 1
	start: 4
	end: 6
	step: 64
	Inp1: 4, 8, 2, 1
	axis: 2
	start: 0
	end: 1
	step: 9
	Inp1: 4, 8, 2, 1
	axis: 2
	start: 0
	end: 0
	step: 1
	Inp1: 4, 8, 2, 1
	axis: 2
	start: 1
	July 1



Kernel name	Parameters
	end: 1
	step: 1
	Inp1: 4, 8, 2, 1
	axis: 2
	start: 1
	end: 1
	step: 5
	Inp1: 4, 8, 2, 1
	axis: 3
	start: 0
	end: 0
	step: 9
	Inp1: 4, 8, 2, 1
	axis: 3
	start: 0
	end: 0
	step: 1
	Inp1: 4, 8, 2, 1
	axis: 3
	start: 0
	end: 0
	step: 1
	Inp1: 4, 8, 2, 1
	axis: 3
	start: 0
	end: 0
	step: 5
	Inp1: 3, 2, 1, 2
	axis: 0
	start: 0
	end: 2
	step: 3
	Inp1: 3, 2, 1, 2
	axis: 0
	start: 0
	end: 1
	step: 1
	Inp1: 3, 2, 1, 2
	axis: 0
	start: 0
	end: 1
	step: 1
	Inp1: 3, 2, 1, 2
	axis: 0
	start: 2
	end: 2
	step: 1
	Inp1: 3, 2, 1, 2
	axis: 0
	start: 2
	end: 2
	step: 17



Kernel name	Parameters
	Inp1: 3, 2, 1, 2
	axis: 1
	start: 0
	end: 1
	step: 3
	Inp1: 3, 2, 1, 2
	ovie: 1
	axis: 1 start: 0
	end: 1
	step: 1
	Inp1: 3, 2, 1, 2
	axis: 1
	start: 0
	end: 1
	step: 1
	Inp1: 3, 2, 1, 2
	axis: 1
	start: 1
	end: 1
	step: 1
	Inp1: 3, 2, 1, 2
	axis: 1
	start: 1
	end: 1
	step: 64
	Inp1: 3, 2, 1, 2
	axis: 2
	start: 0
	end: 0
	step: 9
	Inp1: 3, 2, 1, 2
	axis: 2
	start: 0
	end: 0
	step: 1
	Inp1: 3, 2, 1, 2
	axis: 2
	start: 0
	end: 0
	step: 5
	Inp1: 3, 2, 1, 2
	axis: 3
	start: 0
	end: 1
	step: 9
	Inp1: 3, 2, 1, 2
	axis: 3
	start: 0
	end: 1
	step: 1
	Inp1: 3, 2, 1, 2
	axis: 3



Kernel name	Parameters
	start: 1
	end: 1
	step: 5
	Inp1: 3, 3, 1, 1
	axis: 0
	start: 0
	end: 2
	step: 3
	Inp1: 3, 3, 1, 1
	axis: 0
	start: 0
	end: 2
	step: 1
	Inp1: 3, 3, 1, 1
	axis: 0
	start: 2
	end: 2
	step: 1
	Inp1: 3, 3, 1, 1
	axis: 0
	start: 2
	end: 2
	step: 17
	Inp1: 3, 3, 1, 1
	axis: 1
	start: 0
	end: 2
	eton: 2
	step: 3
	Inp1: 3, 3, 1, 1
	axis: 1
	start: 0
	end: 1
	step: 1
	Inp1: 3, 3, 1, 1
	axis: 1
	start: 2
	end: 2
	step: 1
	Inp1: 3, 3, 1, 1
	axis: 1
	start: 2
	end: 2
	step: 64
	Inp1: 3, 3, 1, 1
	axis: 2
	start: 0
	end: 0
	step: 9
	Inp1: 3, 3, 1, 1
	axis: 2
	start: 0
	end: 0



Kernel name	Parameters
	step: 1
	Inp1: 3, 3, 1, 1
	axis: 2
	start: 0
	end: 0
	step: 1
	Inp1: 3, 3, 1, 1
	axis: 2
	start: 0
	end: 0
	step: 5
	Inp1: 3, 3, 1, 1
	axis: 3
	start: 0
	end: 0
	step: 9
	Inp1: 3, 3, 1, 1
	axis: 3
	start: 0
	end: 0
	step: 1
	Inp1: 3, 3, 1, 1
	axis: 3
	start: 0
	end: 0
	step: 1
	Inp1: 3, 3, 1, 1
	axis: 3
	start: 0
	end: 0
	step: 5
	Inp1: 1, 1, 1, 1
	axis: 0
	start: 0 end: 0
	step: 1
	Inp1: 1, 1, 1, 1
	axis: 1
	start: 0
	end: 0
	step: 3
	Inp1: 1, 1, 1, 1
	axis: 2
	start: 0
	end: 0
	step: 9
	Inp1: 1, 1, 1, 1
	axis: 3
	start: 0
	end: 0
	step: 1
	Inp1: 4, 1, 2, 1
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Kernel name	Parameters
	axis: 3
	start: 0
	end: 0
	step: 1
	Inp1: 9, 8, 9, 9
	Mode: 1
	Inp1: 10, 10, 7, 6
	Mode: 2
	Inp1: 4, 4, 10, 4, 10
	Mode: 1
	Mode: 1 Inp1: 8, 9, 6, 4
	Mode: 2
	Inp1: 4, 5, 6
	Mode: 1
	Inp1: 7, 6, 8, 7, 9
	Mode: 2
	Inp1: 6, 4, 6, 8
	Mode: 1
	Inp1: 3, 2
	Mode: 2
	Inp1: 3, 3, 1, 1
	Mode: 2
	Inp1: 3, 2, 1, 2
	Mode: 2
	Inp1: 8, 1, 1, 1
	Mode: 2
	Inp1: 1, 1, 1
xa_nn_elm_div_32x32_32	Mode: 2
X4_1111_C1111_C1V_52X52_52	Inp1: 8, 9
	Mode: 2
	Inp1: 1, 3, 1, 2
	Mode: 2
	Inp1: 2, 3, 1, 2, 4
	Mode: 2
	Inp1: 1, 3, 2, 4
	Mode: 2
	Inp1: 4, 1, 2, 1
	Mode: 2
	Inp1: 3, 2
	Mode: 1
	Inp1: 3, 3, 1, 1
	Mode: 1
	Inp1: 3, 2, 1, 2
	Mode: 1
	Inp1: 8, 1, 1, 1
	Mode: 1
	Inp1: 1, 1, 1
	Mode: 1
	Inp1: 8, 9
	Mode: 1 Inp1: 1, 3, 1, 2
	IIIμ1. 1, 3, 1, Δ
	Mode: 1



Kernel name	Parameters
	Inp1: 2, 3, 1, 2, 4
	Mode: 1
	Inp1: 1, 3, 2, 4
	Mode: 1
	Inp1: 4, 1, 2, 1
	Mode: 1
	Inp1: 9, 9, 9, 4, 5
	Mode: 1
	Inp1: 6, 5, 9, 5
	Mode: 2
	Inp1: 7, 10, 7, 6, 4
	Mode: 1
	Inp1: 8, 5, 6, 6
	Mode: 2
	Inp1: 9, 11, 4, 11, 6
	Mode: 1
	Inp1: 7, 10, 11, 8
	Mode: 2
	Inp1: 11, 6, 4, 5, 7
	Mode: 1
	Inp1: 3, 2
	Mode: 2
	Inp1: 3, 3, 1, 1
	Mode: 2
	Inp1: 3, 2, 1, 2
	Mode: 2
	Inp1: 8, 1, 1, 1
	Mode: 2
xa_nn_elm_div_scalar_32x32_32	Inp1: 1, 1, 1
	Mode: 2 Inp1: 8, 9
	Mode: 2
	Inp1: 1, 3, 1, 2
	Mode: 2
	Inp1: 2, 3, 1, 2, 4
	Mode: 2
	Inp1: 1, 3, 2, 4
	Mode: 2
	Inp1: 4, 1, 2, 1
	Mode: 2
	Inp1: 3, 2
	Mode: 1
	Inp1: 3, 3, 1, 1
	Mode: 1
	Inp1: 3, 2, 1, 2
	Mode: 1
	Inp1: 8, 1, 1, 1
	Mode: 1
	Inp1: 1, 1, 1
	Mode: 1
	Inp1: 8, 9



Kernel name	Parameters
	Mode: 1
	Inp1: 1, 3, 1, 2
	Mode: 1
	Inp1: 2, 3, 1, 2, 4
	Mode: 1
	Inp1: 1, 3, 2, 4
	Mode: 1
	Inp1: 4, 1, 2, 1
	Mode: 1
	Inp1: 15, 10, 5, 30, 18
	Inp2: 15, 1, 5, 30, 18 Mode: 1
	Inp1: 87, 9, 15, 5
	·
	Inp2: 87, 9, 1, 1 Mode: 1
	Inp1: 1, 1, 1, 1
	Inp2: 3, 12, 34, 8
	Mode: 1
	Inp1: 92, 13, 1, 4, 2
	Inp2: 92, 13, 4, 1, 2
	Mode: 1
	Inp1: 1, 1, 38, 45
	Inp2: 1, 1, 38, 1
	Mode: 1
	Inp1: 1, 98, 1, 5, 48
	Inp2: 1, 1, 2, 1, 1
	Mode: 1
	Inp1: 66, 1, 6, 3
	Inp2: 1, 55, 6, 3
xa_nn_elm_div_broadcast_5D_32x32_32	Mode: 1 Inp1: 87, 9, 1, 1
	Inp1: 87, 9, 1, 1
	Mode: 1
	Inp1: 3, 12, 34, 8
	Inp2: 1, 1, 1, 1
	Mode:1
	Inp1: 92, 13, 4, 1, 2
	Inp2: 92, 13, 1, 4, 2
	Mode: 1
	Inp1: 1, 1, 38, 1
	Inp2: 1, 1, 38, 45
	Mode: 1
	Inp1: 4, 8, 2, 1
	Inp2: 4, 8, 1, 2
	Mode: 1
	Inp1: 1, 1, 1, 1
	Inp2: 1, 1, 1 Mode: 1
	Inp1: 1, 2
	Inp1: 1, 2 Inp2: 2, 1
	Mode: 1



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Mode: 1		
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Inp1: 2, 2, 3, 2 Inp2: 2, 2, 1, 2 Mode: 1 Inp1: 2, 2, 3, 2 Inp2: 1, 2, 3, 2 Inp2: 1, 2, 3, 2 Mode: 1 Inp1: 2, 2, 1, 2 Inp2: 2, 3, 1 Mode: 1 Inp1: 2, 3, 3, 1 Inp2: 2, 3, 1, 2 Mode: 1 Inp1: 2, 1, 3, 2 Inp2: 2, 3, 3, 1 Inp2: 2, 3, 3, 1 Inp2: 2, 3, 3, 1 Inp1: 2, 3, 3, 1 Inp2: 2, 1, 3, 2 Inp2: 2, 1, 3, 2 Inp2: 2, 1, 3, 2 Mode: 1 Inp1: 2, 1, 3, 2 Inp2: 2, 3, 1, 2 Mode: 1 Inp1: 5, 1 Inp2: 1, 6 Mode: 1		
Inp2: 2, 2, 1, 2		
Mode: 1 Inp1: 2, 2, 3, 2 Inp2: 1, 2, 3, 2 Mode: 1 Inp1: 2, 2, 1, 2 Inp2: 2, 2, 3, 1 Mode: 1 Inp1: 2, 3, 3, 1 Inp2: 2, 3, 1, 2 Mode: 1 Inp1: 2, 1, 3, 2 Inp2: 2, 3, 3, 1 Inp2: 2, 1, 3, 2 Mode: 1 Inp1: 2, 1, 3, 2 Inp1: 2, 1, 3, 2 Inp2: 2, 3, 1, 2 Mode: 1 Inp1: 5, 1 Inp1: 5, 1 Inp2: 1, 6 Mode: 1		
Inp1: 2, 2, 3, 2 Inp2: 1, 2, 3, 2 Mode: 1 Inp1: 2, 2, 1, 2 Inp2: 2, 2, 3, 1 Mode: 1 Inp1: 2, 3, 3, 1 Inp2: 2, 3, 1, 2 Mode: 1 Inp1: 2, 1, 3, 2 Inp2: 2, 3, 3, 1 Inp2: 2, 1, 3, 2 Inp2: 2, 1, 3, 2 Inp2: 2, 3, 3, 1 Inp2: 2, 1, 3, 2 Inp2: 2, 3, 3, 1 Inp1: 2, 1, 3, 2 Inp1: 2, 1, 3, 2 Inp2: 1, 3, 2 Inp2: 2, 3, 1, 2 Mode: 1 Inp1: 5, 1 Inp1: 5, 1 Inp2: 1, 6 Mode: 1		
Inp2: 1, 2, 3, 2 Mode: 1 Inp1: 2, 2, 1, 2 Inp2: 2, 2, 3, 1 Mode: 1 Inp1: 2, 3, 3, 1 Inp2: 2, 3, 1, 2 Mode: 1 Inp1: 2, 1, 3, 2 Inp2: 2, 3, 3, 1 Mode: 1 Inp1: 2, 3, 3, 1 Inp2: 2, 3, 3, 1 Inp2: 2, 1, 3, 2 Inp2: 2, 1, 3, 2 Mode: 1 Inp1: 2, 1, 3, 2 Mode: 1 Inp1: 2, 1, 3, 2 Inp2: 2, 3, 1, 2 Mode: 1 Inp1: 5, 1 Inp2: 1, 6 Mode: 1		
Mode: 1 Inp1: 2, 2, 1, 2 Inp2: 2, 2, 3, 1 Mode: 1 Inp1: 2, 3, 3, 1 Inp2: 2, 3, 1, 2 Mode: 1 Inp1: 2, 1, 3, 2 Inp2: 2, 3, 3, 1 Mode: 1 Inp1: 2, 3, 3, 1 Inp2: 2, 1, 3, 2 Inp2: 2, 1, 3, 2 Mode: 1 Inp1: 2, 1, 3, 2 Inp2: 2, 3, 1, 2 Mode: 1 Inp1: 5, 1 Inp2: 1, 6 Mode: 1		
Inp1: 2, 2, 1, 2 Inp2: 2, 2, 3, 1 Mode: 1 Inp1: 2, 3, 3, 1 Inp2: 2, 3, 1, 2 Mode: 1 Inp1: 2, 1, 3, 2 Inp2: 2, 3, 3, 1 Mode: 1 Inp1: 2, 3, 3, 1 Inp2: 2, 1, 3, 2 Mode: 1 Inp1: 2, 1, 3, 2 Inp2: 2, 1, 3, 2 Mode: 1 Inp1: 2, 1, 3, 2 Inp2: 2, 3, 1, 2 Mode: 1 Inp1: 5, 1 Inp1: 5, 1 Inp2: 1, 6 Mode: 1		
Inp2: 2, 2, 3, 1 Mode: 1 Inp1: 2, 3, 3, 1 Inp2: 2, 3, 1, 2 Mode: 1 Inp1: 2, 1, 3, 2 Inp2: 2, 3, 3, 1 Mode: 1 Inp1: 2, 3, 3, 1 Inp2: 2, 1, 3, 2 Mode: 1 Inp1: 2, 1, 3, 2 Inp2: 2, 3, 1, 2 Mode: 1 Inp1: 5, 1 Inp2: 1, 6 Mode: 1		
Mode: 1 Inp1: 2, 3, 3, 1 Inp2: 2, 3, 1, 2 Mode: 1 Inp1: 2, 1, 3, 2 Inp2: 2, 3, 3, 1 Mode: 1 Inp1: 2, 3, 3, 1 Inp2: 2, 1, 3, 2 Mode: 1 Inp1: 2, 1, 3, 2 Inp2: 2, 3, 1, 2 Mode: 1 Inp1: 5, 1 Inp2: 1, 6 Mode: 1		
Inp1: 2, 3, 3, 1 Inp2: 2, 3, 1, 2 Mode: 1 Inp1: 2, 1, 3, 2 Inp2: 2, 3, 3, 1 Mode: 1 Inp1: 2, 1, 3, 2 Inp2: 2, 1, 3, 2 Mode: 1 Inp1: 2, 1, 3, 2 Inp2: 2, 3, 1, 2 Mode: 1 Inp1: 5, 1 Inp2: 1, 6 Mode: 1		
Inp2: 2, 3, 1, 2		
Mode: 1 Inp1: 2, 1, 3, 2 Inp2: 2, 3, 3, 1 Mode: 1 Inp1: 2, 3, 3, 1 Inp2: 2, 1, 3, 2 Mode: 1 Inp1: 2, 1, 3, 2 Inp2: 2, 3, 1, 2 Mode: 1 Inp1: 5, 1 Inp2: 1, 6 Mode: 1		Inp1: 2, 3, 3, 1
Inp1: 2, 1, 3, 2 Inp2: 2, 3, 3, 1 Mode: 1 Inp1: 2, 3, 3, 1 Inp2: 2, 1, 3, 2 Mode: 1 Inp1: 2, 1, 3, 2 Inp2: 2, 3, 1, 2 Mode: 1 Inp1: 5, 1 Inp1: 5, 1 Inp2: 1, 6 Mode: 1		
Inp2: 2, 3, 3, 1		
Mode: 1 Inp1: 2, 3, 3, 1 Inp2: 2, 1, 3, 2 Mode: 1 Inp1: 2, 1, 3, 2 Inp2: 2, 3, 1, 2 Mode: 1 Inp1: 5, 1 Inp2: 1, 6 Mode: 1		
Inp1: 2, 3, 3, 1 Inp2: 2, 1, 3, 2 Mode: 1 Inp1: 2, 1, 3, 2 Inp2: 2, 3, 1, 2 Mode: 1 Inp1: 5, 1 Inp2: 1, 6 Mode: 1		
Inp2: 2, 1, 3, 2 Mode: 1 Inp1: 2, 1, 3, 2 Inp2: 2, 3, 1, 2 Mode: 1 Inp1: 5, 1 Inp2: 1, 6 Mode: 1		
Mode: 1 Inp1: 2, 1, 3, 2 Inp2: 2, 3, 1, 2 Mode: 1 Inp1: 5, 1 Inp2: 1, 6 Mode: 1		
Inp1: 2, 1, 3, 2 Inp2: 2, 3, 1, 2 Mode: 1 Inp1: 5, 1 Inp2: 1, 6 Mode: 1		
Inp2: 2, 3, 1, 2		Mode: 1
Mode: 1 Inp1: 5, 1 Inp2: 1, 6 Mode: 1		
Inp1: 5, 1 Inp2: 1, 6 Mode: 1		
Inp2: 1, 6 Mode: 1		
Mode: 1		
Inp1: 2, 3, 1, 2		Mode: 1
		Inp1: 2, 3, 1, 2



Kernel name	Parameters
	Inp2: 2, 1, 3, 2
	Mode: 1
	Inp1: 1, 3, 1, 2
	Inp2: 2, 1, 3, 1
	Mode: 1
	Inp1: 4, 6, 1, 2, 1
	Inp2: 1, 6, 1, 1, 2
	Mode: 1
	Inp1: 2, 1, 5, 3, 1
	Inp2: 1, 1, 1, 1, 2
	Mode: 1
	Inp1: 1, 1, 1, 1, 1
	Inp2: 2, 3, 4, 5, 1
	Mode: 1
	Inp1: 6, 7, 8, 2, 2
	Inp2: 1, 1, 1, 1
	Mode: 1
	Inp1: 2, 2, 3, 1
	Inp2: 2, 2, 3, 2
	Mode: 1
	Inp1: 2, 2, 1, 1
	Inp2: 2, 2, 3, 2
	Mode: 1
	Inp1: 2, 2, 1, 2
	Inp2: 2, 2, 3, 2
	Mode: 1
	Inp1: 1, 2, 3, 2
	Inp2: 2, 2, 3, 2
	Mode: 1
	Inp1: 2, 2, 2, 1
	Inp2: 1, 1, 1, 1
	Mode: 1
	Inp1: 2, 2, 1, 1
	Inp2: 1, 1, 1, 1
	Mode: 1
	Inp1: 2, 1, 1, 1
	Inp2: 1, 1, 1, 1
	Mode: 1
	Inp1: 15, 10, 5, 30, 18
	Inp2: 15, 1, 5, 30, 18
	Mode: 2
	Inp1: 87, 9, 15, 5
	Inp2: 87, 9, 1, 1
	Mode: 2
	Inp1: 1, 1, 1, 1
	Inp2: 3, 12, 34, 8
	Mode: 2
	Inp1: 92, 13, 1, 4, 2
	Inpl: 92, 13, 1, 4, 2 Inp2: 92, 13, 4, 1, 2
	Mode: 2
	Inp1: 1, 1, 38, 45



Kernel name	Parameters
	Inp2: 1, 1, 38, 1
	Mode: 2
	Inp1: 1, 98, 1, 5, 48
	inp2: 1, 1, 2, 1, 1
	Mode: 2
	Inp1: 66, 1, 6, 3
	Inp2: 1, 55, 6, 3
	Mode: 2
	Inp1: 87, 9, 1, 1
	Inp2: 87, 9, 15, 5
	Mode: 2
	Inp1: 3, 12, 34, 8
	Inp2: 1, 1, 1, 1
	Mode:1
	Inp1: 92, 13, 4, 1, 2
	Inp2: 92, 13, 1, 4, 2
	Mode: 2
	Inp1: 1, 1, 38, 1
	Inp2: 1, 1, 38, 45
	Mode: 2
	Inp1: 4, 8, 2, 1
	Inp2: 4, 8, 1, 2
	Mode: 2
	Inp1: 1, 1, 1, 1
	Inp2: 1, 1, 1
	Mode: 2
	Inp1: 1, 2
	Inp2: 2, 1
	Mode: 2
	Inp1: 2, 1, 1
	Inp2: 1, 2, 2
	Mode: 2
	Inp1: 6, 1, 1
	Inp2: 1, 1, 1
	Mode: 2
	Inp1: 2, 2, 3, 2
	Inp2: 2, 2, 1, 1
	Mode: 2
	Inp1: 2, 2, 3, 2
	Inp2: 2, 2, 3, 1
	Mode: 2
	Inp1: 2, 2, 3, 2
	Inp2: 2, 1, 3, 2
	Mode: 2
	Inp1: 2, 2, 3, 2
	Inp2: 2, 2, 3, 2
	Mode: 2
	Inp1: 2, 2, 3, 1
	Inp2: 2, 2, 3, 1
	Mode: 2
	Inp1: 2, 2, 1, 1



Kernel name	Parameters
	Inp2: 2, 2, 1, 1
	Mode: 2
	Inp1: 2, 1, 1, 1
	Inp2: 2, 1, 1, 1
	Mode: 2
	Inp1: 2, 2, 3, 2
	Inp2: 2, 2, 1, 2
	Mode: 2
	Inp1: 2, 2, 3, 2
	Inp2: 1, 2, 3, 2
	Mode: 2
	Inp1: 2, 2, 1, 2
	Inp2: 2, 2, 3, 1
	Mode: 2
	Inp1: 2, 3, 3, 1
	Inp2: 2, 3, 4, 1
	Mode: 2
	Inp1: 2, 1, 3, 2
	Inp1. 2, 1, 3, 2 Inp2: 2, 3, 3, 1
	Mode: 2
	Inp1: 2, 3, 3, 1
	Inp2: 2, 1, 3, 2 Mode: 2
	Inp1: 2, 1, 3, 2
	Inp2: 2, 3, 1, 2
	Mode: 2
	Inp1: 5, 1
	Inp2: 1, 6
	Mode: 2
	Inp1: 2, 3, 1, 2
	Inp2: 2, 1, 3, 2
	Mode: 2
	Inp1: 1, 3, 1, 2
	Inp2: 2, 1, 3, 1
	Mode: 2
	Inp1: 4, 6, 1, 2, 1
	Inp2: 1, 6, 1, 1, 2
	Mode: 2
	Inp1: 2, 1, 5, 3, 1
	Inp2: 1, 1, 1, 1, 2
	Mode: 2
	Inp1: 1, 1, 1, 1, 1
	Inp2: 2, 3, 4, 5, 1
	Mode: 2
	Inp1: 6, 7, 8, 2, 2
	Inp2: 1, 1, 1, 1, 1
	Mode: 2
	Inp1: 2, 2, 3, 1
	Inp2: 2, 2, 3, 2
	Mode: 2
	Inp1: 2, 2, 1, 1



Kernel name	Parameters
	Inp2: 2, 2, 3, 2
	Mode: 2
	Inp1: 2, 2, 1, 2
	Inp2: 2, 2, 3, 2 Mode: 2
	Inp1: 1, 2, 3, 2
	Inp2: 2, 2, 3, 2
	Mode: 2
	Inp1: 2, 2, 2, 1
	Inp2: 1, 1, 1, 1
	Mode: 2 Inp1: 2, 2, 1, 1
	Inp2: 1, 1, 1, 1
	Mode: 2
	Inp1: 2, 1, 1, 1
	Inp2: 1, 1, 1, 1
	Mode: 2 Inp1: 9, 8, 9, 9
	-
	Inp1: 10, 10, 7, 6
	Inp1: 4, 4, 10, 4, 10
	Inp1: 8, 9, 6, 4
	Inp1: 4, 5, 6
	Inp1: 7, 6, 8, 7, 9
	Inp1: 6, 4, 6, 8
	Inp1: 3, 2
xa_nn_elm_div_32x32_f32	Inp1: 3, 3, 1, 1
	Inp1: 3, 2, 1, 2
	Inp1: 8, 1, 1, 1
	Inp1: 1, 1, 1
	Inp1: 8, 9
	Inp1: 1, 3, 1, 2
	Inp1: 2, 3, 1, 2, 4
	Inp1: 1, 3, 2, 4
	Inp1: 4, 1, 2, 1
	Inp1: 4, 1, 2, 1
	Inp1: 4, 1, 2, 1
	Inp1: 8, 11, 8, 11
	Inp1: 11, 11, 9, 4
xa_nn_elm_div_scalar_32x32_f32	Inp1: 4, 6, 7, 11
	Inp1: 6, 7, 5, 6
	Inp1: 3, 2
	Inp1: 3, 3, 1, 1
	Inp1: 3, 2, 1, 2



Kernel name	Parameters
	Inp1: 8, 1, 1, 1
	Inp1: 1, 1, 1
	Inp1: 8, 9
	Inp1: 1, 3, 1, 2
	Inp1: 2, 3, 1, 2, 4
_	Inp1: 1, 3, 2, 4
	Inp1: 8, 7, 9, 6, 5 Inp1: 15, 10, 5, 30, 18
	Inp2: 15, 10, 5, 30, 16 Inp2: 15, 1, 5, 30, 18
	Inp1: 87, 9, 15, 5
	Inp2: 87, 9, 1, 1
	Inp1: 1, 1, 1, 1
	Inp2: 3, 12, 34, 8
	Inp1: 92, 13, 1, 4, 2
-	Inp2: 92, 13, 4, 1, 2
	Inp1: 1, 1, 38, 45 Inp2: 1, 1, 38, 1
	Inp1: 1, 98, 1, 5, 48
	Inp2: 1, 1, 2, 1, 1
	Inp1: 66, 1, 6, 3
	Inp2: 1, 55, 6, 3
	Inp1: 87, 9, 1, 1
	Inp2: 87, 9, 15, 5 Inp1: 3, 12, 34, 8
	Inp2: 1, 1, 1, 1
	Inp1: 92, 13, 4, 1, 2
	Inp2: 92, 13, 1, 4, 2
xa_nn_elm_div_broadcast_5D_32x32_f32	Inp1: 1, 1, 38, 1
	Inp2: 1, 1, 38, 45 Inp1: 4, 8, 2, 1
	Inp1: 4, 0, 2, 1 Inp2: 4, 8, 1, 2
	Inp1: 1, 1, 1, 1
	Inp2: 1, 1, 1
	Inp1: 1, 2
	Inp2: 2, 1 Inp1: 2, 1, 1
	Inpl. 2, 1, 1 Inp2: 1, 2, 2
	Inp1: 6, 1, 1
	Inp2: 1, 1, 1
	Inp2: 1, 1, 1 Inp1: 2, 2, 3, 2
	Inp2: 2, 2, 1, 1
	Inp1: 2, 2, 3, 2 Inp2: 2, 2, 3, 1
	Inp1: 2, 2, 3, 1
	Inp2: 2, 1, 3, 2
	Inp1: 2, 2, 3, 2
	Inp2: 2, 2, 3, 2
	Inp1: 2, 2, 3, 1
	Inp2: 2, 2, 3, 1



Kernel name	Parameters
	Inp1: 2, 2, 1, 1
	Inp2: 2, 2, 1, 1
	Inp1: 2, 1, 1, 1
	Inp2: 2, 1, 1, 1 Inp1: 2, 2, 3, 2
	Inp1: 2, 2, 3, 2
	Inp2: 2, 2, 1, 2
	Inp1: 2, 2, 3, 2
	Inp2: 1, 2, 3, 2
	Inp1: 2, 2, 1, 2
	Inp2: 2, 2, 3, 1
	Inp1: 2, 3, 3, 1
	Inp2: 2, 3, 1, 2
	Inp1: 2, 1, 3, 2
	Inp2: 2, 3, 3, 1
	Inp1: 2, 3, 3, 1
	Inp2: 2, 1, 3, 2
	Inp1: 2, 1, 3, 2
	Inp2: 2, 3, 1, 2 Inp1: 5, 1
	Inp1: 5, 1
	Inp2: 1, 6
	Inp2: 1, 6 Inp1: 2, 3, 1, 2
	Inp2: 2, 1, 3, 2 Inp1: 1, 3, 1, 2
	Inp1: 1, 3, 1, 2
	Inp2: 2, 1, 3, 1
	Inp1: 4, 6, 1, 2, 1
	Inp2: 1, 6, 1, 1, 2 Inp1: 2, 1, 5, 3, 1
	Inp1: 2, 1, 5, 3, 1
	Inp2: 1, 1, 1, 1, 2
	Inp1: 1, 1, 1, 1, 1
	Inp2: 2, 3, 4, 5, 1
	Inp1: 6, 7, 8, 2, 2
	Inp2: 1, 1, 1, 1, 1
	Inp1: 2, 2, 3, 1
	Inp2: 2, 2, 3, 2
	Inp1: 2, 2, 1, 1
	Inp2: 2, 2, 3, 2
	Inp1: 2, 2, 1, 2
	Inp2: 2, 2, 3, 2
	Inp1: 1, 2, 3, 2
	Inp2: 2, 2, 3, 2 Inp1: 2, 2, 2, 1
	IND 1. Z, Z, Z, T
	Inp2: 1, 1, 1, 1 Inp1: 2, 2, 1, 1
	IND1: Z, Z, T, T
	Inp2: 1, 1, 1, 1
	Inp1: 2, 1, 1, 1
	Inp2: 1, 1, 1, 1 Inp1: 7, 10, 11, 4, 9
	Mode: 1
xa_nn_elm_div_f32xf32_f32	Inp1: 7, 5, 4, 4
	Mode: 1
	Inp1: 7, 9, 6, 10



Kernel name	Parameters
	Mode: 1
	Inp1: 10, 11, 11, 11
	Mode: 2
	Inp1: 4, 6, 8, 6, 9
	Mode: 0
	Inp1: 9, 8, 11, 9
	Mode: 0
	Inp1: 4, 9, 11, 6, 11
	Mode: 0
	Inp1: 3, 2
	Mode: 2
	Inp1: 3, 3, 1, 1
	Mode: 2
	Inp1: 3, 2, 1, 2
	Mode: 2
	Inp1: 8, 1, 1, 1
	Mode: 2
	Inp1: 1, 1, 1
	Mode: 2
	Inp1: 8, 9
	Mode: 2
	Inp1: 1, 3, 1, 2
	Mode: 2 Inp1: 2, 3, 1, 2, 4
	Mode: 2
	Inp1: 1, 3, 2, 4
	Mode: 2
	Inp1: 4, 1, 2, 1
	Mode: 2
	Inp1: 3, 2
	Mode: 1
	Inp1: 3, 3, 1, 1
	Mode: 1
	Inp1: 3, 2, 1, 2
	Mode: 1
	Inp1: 8, 1, 1, 1
	Mode: 1
	Inp1: 1, 1, 1
	Mode: 1
	Inp1: 8, 9
	Mode: 1
	Inp1: 1, 3, 1, 2
	Mode: 1
	Inp1: 2, 3, 1, 2, 4
	Mode: 1
	Inp1: 1, 3, 2, 4
	Mode: 1
	Inp1: 4, 1, 2, 1 Mode: 1
	Inp1: 3, 2
	Mode: 0
	I Mode. 0



Kernel name	Parameters
	Inp1: 3, 3, 1, 1
	Mode: 0
	Inp1: 3, 2, 1, 2
	Mode: 0
	Inp1: 8, 1, 1, 1
	Mode: 0
	Inp1: 1, 1, 1
	Mode: 0
	Inp1: 8, 9
	Mode: 0
	Inp1: 1, 3, 1, 2
	Mode: 0
	Inp1: 2, 3, 1, 2, 4
	Mode: 0
	Inp1: 1, 3, 2, 4
	Mode: 0
	Inp1: 4, 1, 2, 1
	Mode: 0
	Inp1: 5, 11, 4, 7, 4
	Mode: 1
	Inp1: 5, 10, 11, 10, 11
	Mode: 2
	Inp1: 7, 5, 5, 10, 10
	Mode: 1
	Inp1: 11, 11, 9, 4
	Mode: 2
	Inp1: 11, 6, 10, 11
	Mode: 1
	Inp1: 8, 4, 7, 6
	Mode: 2
	Inp1: 8, 7, 9, 6, 5
	Mode: 1
	Inp1: 3, 2
	Mode: 2
vo nn olm div godlar f20vf20 f20	Inp1: 3, 3, 1, 1
xa_nn_elm_div_scalar_f32xf32_f32	Mode: 2
	Inp1: 3, 2, 1, 2
	Mode: 2
	Inp1: 8, 1, 1, 1
	Mode: 2
	Inp1: 1, 1, 1
	Mode: 2
	Inp1: 8, 9
	Mode: 2
	Inp1: 1, 3, 1, 2
	Mode: 2
	Inp1: 2, 3, 1, 2, 4
	Mode: 2
	Inp1: 1, 3, 2, 4
	Mode: 2
	Inp1: 4, 1, 2, 1



Kernel name	Parameters
	Mode: 2
	Inp1: 3, 2
	Mode: 1
	Inp1: 3, 3, 1, 1
	Mode: 1
	Inp1: 3, 2, 1, 2
	Mode: 1
	Inp1: 8, 1, 1, 1
	Mode: 1
	Inp1: 1, 1, 1
	Mode: 1
	Inp1: 8, 9
	Mode: 1
	Inp1: 1, 3, 1, 2
	Mode: 1
	Inp1: 2, 3, 1, 2, 4
	Mode: 1
	Inp1: 1, 3, 2, 4
	Mode: 1
	Inp1: 4, 1, 2, 1
	Mode: 1
	Inp1: 3, 2
	Mode: 0
	Inp1: 3, 3, 1, 1
	Mode: 0
	Inp1: 3, 2, 1, 2 Mode: 0
	Inp1: 8, 1, 1, 1
	Mode: 0
	Inp1: 1, 1, 1
	Mode: 0
	Inp1: 8, 9
	Mode: 0
	Inp1: 1, 3, 1, 2
	Mode: 0
	Inp1: 2, 3, 1, 2, 4
	Mode: 0 Inp1: 1, 3, 2, 4
	Mode: 0
	Inp1: 4, 1, 2, 1
	Mode: 0
	Inp1: 15, 10, 5, 30, 18
	Inp2: 15, 1, 5, 30, 18
	Mode: 1
	Inp1: 87, 9, 15, 5
	Inp2: 87, 9, 1, 1
xa_nn_elm_div_broadcast_5D_f32xf32_f32	Mode: 1
	Inp1: 1, 1, 1, 1
	Inp2: 3, 12, 34, 8
	Mode: 1
	Inp1: 92, 13, 1, 4, 2
	111µ1. 32, 13, 1, 4, 2



Kernel name	Parameters
	Inp2: 92, 13, 4, 1, 2
	Mode: 1
	Inp1: 1, 1, 38, 45
	Inp2: 1, 1, 38, 1
	Mode: 1
	Inp1: 1, 98, 1, 5, 48
	Inp2: 1, 1, 2, 1, 1
	Mode: 1
	Inp1: 66, 1, 6, 3
	Inp2: 1, 55, 6, 3
	Mode: 1
	Inp1: 87, 9, 1, 1
	Inp1: 87, 9, 1, 1
	Mode: 1
	Inp1: 3, 12, 34, 8
	Inp2: 1, 1, 1, 1
	Mode:1
	Inp1: 92, 13, 4, 1, 2
	Inp2: 92, 13, 1, 4, 2
	Mode: 1
	Inp1: 1, 1, 38, 1
	Inp2: 1, 1, 38, 45
	Mode: 1
	Inp1: 4, 8, 2, 1
	Inp2: 4, 8, 1, 2
	Mode: 1
	Inp1: 1, 1, 1, 1
	Inp2: 1, 1, 1
	Mode: 1
	Inp1: 1, 2
	Inp2: 2, 1
	Mode: 1
	Inp1: 2, 1, 1
	Inp2: 1, 2, 2
	Mode: 1
	Inp1: 6, 1, 1
	Inp2: 1, 1, 1
	Mode: 1
	Inp1: 2, 2, 3, 2
	Inp2: 2, 2, 1, 1
	Mode: 1
	Inp1: 2, 2, 3, 2
	Inp2: 2, 2, 3, 1
	Mode: 1
	Inp1: 2, 2, 3, 2
	Inp2: 2, 1, 3, 2
	Mode: 1
	Inp1: 2, 2, 3, 2
	Inp2: 2, 2, 3, 2
	Mode: 1
	Inp1: 2, 2, 3, 1



Kernel name	Parameters
	Inp2: 2, 2, 3, 1
	Mode: 1
	Inp1: 2, 2, 1, 1
	Inp2: 2, 2, 1, 1
	Mode: 1
	Inp1: 2, 1, 1, 1
	Inp2: 2, 1, 1, 1
	Mode: 1
	Inp1: 2, 2, 3, 2
	Inp2: 2, 2, 1, 2
	Mode: 1
	Inp1: 2, 2, 3, 2
	Inp2: 1, 2, 3, 2
	Mode: 1
	Inp1: 2, 2, 1, 2
	Inp2: 2, 2, 3, 1
	Mode: 1
	Inp1: 2, 3, 3, 1
	Inp2: 2, 3, 1, 2
	Mode: 1
	Inp1: 2, 1, 3, 2
	Inp2: 2, 3, 3, 1
	Mode: 1
	Inp1: 2, 3, 3, 1
	Inp2: 2, 1, 3, 2
	Mode: 1
	Inp1: 2, 1, 3, 2
	Inp2: 2, 3, 1, 2
	Mode: 1
	Inp1: 5, 1
	Inp2: 1, 6
	Mode: 1
	Inp1: 2, 3, 1, 2
	Inp2: 2, 1, 3, 2
	Mode: 1
	Inp1: 1, 3, 1, 2
	Inp2: 2, 1, 3, 1
	Mode: 1
	Inp1: 4, 6, 1, 2, 1
	Inp2: 1, 6, 1, 1, 2
	Mode: 1
	Inp1: 2, 1, 5, 3, 1
	Inp2: 1, 1, 1, 1, 2
	Mode: 1
	Inp1: 1, 1, 1, 1, 1
	Inp2: 2, 3, 4, 5, 1
	Mode: 1
	Inp1: 6, 7, 8, 2, 2
	Inp2: 1, 1, 1, 1, 1
	Mode: 1
	Inp1: 2, 2, 3, 1



Kernel name	Parameters
	Inp2: 2, 2, 3, 2
	Mode: 1
	Inp1: 2, 2, 1, 1
	Inp2: 2, 2, 3, 2
	Mode: 1
	Inp1: 2, 2, 1, 2
	Inp2: 2, 2, 3, 2
	Mode: 1
	Inp1: 1, 2, 3, 2
	Inp2: 2, 2, 3, 2
	Mode: 1
	Inp1: 2, 2, 2, 1
	Inp2: 1, 1, 1, 1
	Mode: 1
	Inp1: 2, 2, 1, 1
	Inp1: 4, 2, 1, 1 Inp2: 1, 1, 1, 1
	Mode: 1
	Inp1: 2, 1, 1, 1
	Inp1: 2, 1, 1, 1 Inp2: 1, 1, 1, 1
	Mode: 1
	Inp1: 15, 10, 5, 30, 18
	Inp2: 15, 1, 5, 30, 18
	Mode: 2
	Inp1: 87, 9, 15, 5
	Inp2: 87, 9, 1, 1
	Mode: 2
	Inp1: 1, 1, 1, 1
	Inp2: 3, 12, 34, 8
	Mode: 2
	Inp1: 92, 13, 1, 4, 2
	Inp2: 92, 13, 4, 1, 2
	Mode: 2
	Inp1: 1, 1, 38, 45
	Inp2: 1, 1, 38, 1
	Mode: 2
	Inp1: 1, 98, 1, 5, 48
	Inp2: 1, 1, 2, 1, 1
	Mode: 2
	Inp1: 66, 1, 6, 3
	Inp2: 1, 55, 6, 3
	Mode: 2
	Inp1: 87, 9, 1, 1
	Inp2: 87, 9, 15, 5
	Mode: 2
	Inp1: 3, 12, 34, 8
	Inp2: 1, 1, 1, 1
	Mode:1
	Inp1: 92, 13, 4, 1, 2
	Inp2: 92, 13, 1, 4, 2
	Mode: 2
	Inp1: 1, 1, 38, 1
	<u> </u>



Kernel name	Parameters
	Inp2: 1, 1, 38, 45
	Mode: 2
	Inp1: 4, 8, 2, 1
	Inp2: 4, 8, 1, 2
	Mode: 2
	Inp1: 1, 1, 1, 1
	Inp2: 1, 1, 1
	Mode: 2
	Inp1: 1, 2
	Inp2: 2, 1
	Mode: 2
	Inp1: 2, 1, 1
	Inp2: 1, 2, 1
	Mode: 2
	Inp1: 6, 1, 1
	Inpl. 6, 1, 1 Inp2: 1, 1, 1
	Mode: 2
	Inp1: 2, 2, 3, 2
	Inp2: 2, 2, 1, 1
	Mode: 2
	Inp1: 2, 2, 3, 2
	Inp2: 2, 2, 3, 1
	Mode: 2
	Inp1: 2, 2, 3, 2
	Inp2: 2, 1, 3, 2
	Mode: 2
	Inp1: 2, 2, 3, 2
	Inp2: 2, 2, 3, 2
	Mode: 2
	Inp1: 2, 2, 3, 1
	Inp2: 2, 2, 3, 1
	Mode: 2
	Inp1: 2, 2, 1, 1
	Inp2: 2, 2, 1, 1
	Mode: 2
	Inp1: 2, 1, 1, 1
	Inp2: 2, 1, 1, 1
	Mode: 2
	Inp1: 2, 2, 3, 2
	Inp2: 2, 2, 1, 2
	Mode: 2
	Inp1: 2, 2, 3, 2
	Inp2: 1, 2, 3, 2
	Mode: 2
	Inp1: 2, 2, 1, 2
	Inp2: 2, 2, 3, 1
	Mode: 2
	Inp1: 2, 3, 3, 1
	Inp1: 2, 3, 3, 1 Inp2: 2, 3, 1, 2
	Mode: 2
	Inp1: 2, 1, 3, 2



Kernel name	Parameters
	Inp2: 2, 3, 3, 1
	Mode: 2
	Inp1: 2, 3, 3, 1
	Inp2: 2, 1, 3, 2
	Mode: 2
	Inp1: 2, 1, 3, 2
	Inp2: 2, 3, 1, 2
	Mode: 2
	Inp1: 5, 1
	Inp2: 1, 6
	Mode: 2
	Inp1: 2, 3, 1, 2
	Inp2: 2, 1, 3, 2
	Mode: 2
	Inp1: 1, 3, 1, 2
	Inp2: 2, 1, 3, 1
	Mode: 2
	Inp1: 4, 6, 1, 2, 1
	Inp2: 1, 6, 1, 1, 2
	Mode: 2
	Inp1: 2, 1, 5, 3, 1
	Inp2: 1, 1, 1, 1, 2
	Mode: 2
	Inp1: 1, 1, 1, 1
	Inp2: 2, 3, 4, 5, 1
	Mode: 2
	Inp1: 6, 7, 8, 2, 2
	Inp2: 1, 1, 1, 1
	Mode: 2
	Inp1: 2, 2, 3, 1
	Inp2: 2, 2, 3, 2
	Mode: 2
	Inp1: 2, 2, 1, 1
	Inp2: 2, 2, 3, 2
	Mode: 2
	Inp1: 2, 2, 1, 2
	Inp2: 2, 2, 3, 2
	Mode: 2
	Inp1: 1, 2, 3, 2
	Inp2: 2, 2, 3, 2
	Mode: 2
	Inp1: 2, 2, 2, 1
	Inp2: 1, 1, 1, 1
	Mode: 2
	Inp1: 2, 2, 1, 1
	Inp1. 2, 2, 1, 1 Inp2: 1, 1, 1, 1
	Mode: 2
	Inp1: 2, 1, 1, 1
	Inp2: 1, 1, 1, 1
	Mode: 2



Kernel name	Parameters
	Inp1: 15, 10, 5, 30, 18
	Inp2: 15, 1, 5, 30, 18
	Mode: 1
	Inp1: 87, 9, 15, 5
	Inp2: 87, 9, 1, 1
	Mode: 1
	Inp1: 1, 1, 1, 1
	Inp2: 3, 12, 34, 8
	Mode: 1
	Inp1: 92, 13, 1, 4, 2
	Inp2: 92, 13, 4, 1, 2
	Mode: 1
	Inp1: 1, 1, 38, 45
	Inp2: 1, 1, 38, 1
	Mode: 1
	Inp1: 1, 98, 1, 5, 48
	Inp2: 1, 1, 2, 1, 1
	Mode: 1
	Inp1: 66, 1, 6, 3
	Inp2: 1, 55, 6, 3
	Mode: 1 Inp1: 87, 9, 1, 1
	Inp2: 87, 9, 15, 5
	Mode: 1
	Inp1: 3, 12, 34, 8
	Inp2: 1, 1, 1, 1
	Mode:1
	Inp1: 92, 13, 4, 1, 2
	Inp2: 92, 13, 1, 4, 2
	Mode: 1
	Inp1: 1, 1, 38, 1
	Inp2: 1, 1, 38, 45
	Mode: 1
	Inp1: 4, 8, 2, 1
	Inp2: 4, 8, 1, 2
	Mode: 1
	Inp1: 1, 1, 1, 1
	Inp2: 1, 1, 1
	Mode: 1
	Inp1: 1, 2
	Inp2: 2, 1
	Mode: 1
	Inp1: 2, 1, 1
	Inp2: 1, 2, 2 Mode: 1
	Inp1: 6, 1, 1
	Inpl. 6, 1, 1 Inp2: 1, 1, 1
	Mode: 1
	Inp1: 2, 2, 3, 2
	Inp1: 2, 2, 3, 2 Inp2: 2, 2, 1, 1
	Mode: 1
	Inp1: 2, 2, 3, 2



Kernel name	Parameters
	Inp2: 2, 2, 3, 1
	Mode: 1
	Inp1: 2, 2, 3, 2
	Inp2: 2, 1, 3, 2
	Mode: 1
	Inp1: 2, 2, 3, 2
	Inp2: 2, 2, 3, 2
	Mode: 1
	Inp1: 2, 2, 3, 1
	Inp2: 2, 2, 3, 1
	Mode: 1
	Inp1: 2, 2, 1, 1
	Inp2: 2, 2, 1, 1
	Mode: 1
	Inp1: 2, 1, 1, 1
	Inp2: 2, 1, 1, 1
	Mode: 1
	Inp1: 2, 2, 3, 2
	Inp2: 2, 2, 1, 2
	Mode: 1
	Inp1: 2, 2, 3, 2
	Inp2: 1, 2, 3, 2
	Mode: 1
	Inp1: 2, 2, 1, 2
	Inp2: 2, 2, 3, 1
	Mode: 1
	Inp1: 2, 3, 3, 1
	Inp2: 2, 3, 1, 2
	Mode: 1
	Inp1: 2, 1, 3, 2
	Inp2: 2, 3, 3, 1
	Mode: 1
	Inp1: 2, 3, 3, 1
	Inp2: 2, 1, 3, 2
	Mode: 1
	Inp1: 2, 1, 3, 2
	Inp2: 2, 3, 1, 2
	Mode: 1
	Inp1: 5, 1
	Inp2: 1, 6
	Mode: 1
	Inp1: 2, 3, 1, 2
	Inp2: 2, 1, 3, 2
	Mode: 1
	Inp1: 1, 3, 1, 2
	Inp2: 2, 1, 3, 1
	Mode: 1
	Inp1: 4, 6, 1, 2, 1
	Inp1: 4, 6, 1, 2, 1 Inp2: 1, 6, 1, 1, 2
	Mode: 1
	Inp1: 2, 1, 5, 3, 1



Kernel name	Parameters
	Inp2: 1, 1, 1, 1, 2
	Mode: 1
	Inp1: 1, 1, 1, 1, 1
	Inp2: 2, 3, 4, 5, 1
	Mode: 1
	Inp1: 6, 7, 8, 2, 2
	Inp2: 1, 1, 1, 1, 1
	Mode: 1
	Inp1: 2, 2, 3, 1
	Inp2: 2, 2, 3, 2
	Mode: 1
	Inp1: 2, 2, 1, 1
	Inp2: 2, 2, 3, 2
	Mode: 1
	Inp1: 2, 2, 1, 2
	Inp2: 2, 2, 3, 2
	Mode: 1
	Inp1: 1, 2, 3, 2
	Inp2: 2, 2, 3, 2
	Mode: 1
	Inp1: 2, 2, 2, 1
	Inp2: 1, 1, 1, 1
	Mode: 1
	Inp1: 2, 2, 1, 1
	Inp2: 1, 1, 1, 1
	Mode: 1
	Inp1: 2, 1, 1, 1
	Inp2: 1, 1, 1, 1
	Mode: 1
	permute_vec: 1, 0, 2, 3
	Inp1: 6, 2, 4, 5
	permute_vec: 1, 0, 2
	Inp1: 6, 14, 4
	permute_vec: 0, 1, 3, 2
	Inp1: 9, 2, 4, 10
	permute_vec: 2, 1, 0
	Inp1: 5, 4, 9
	permute_vec: 1, 0, 3, 2
	Inp1: 8, 7, 6, 3
xa_nn_permute – Signed 8-bit	permute_vec: 2, 0, 1
xa_iii_poiiiiato oignoa o bit	Inp1: 5, 12, 2
	permute_vec: 3, 2, 0, 1
	Inp1: 6, 3, 6, 3
	permute_vec: 1, 0, 2
	Inp1: 12, 2, 2
	permute_vec: 1, 0
	Inp1: 32, 5
	permute_vec: 2, 1, 0
	Inp1: 7, 10, 8
	permute_vec: 1, 0, 2
	Inp1: 12, 4, 5



Kernel name	Parameters
	permute_vec: 3, 1, 2, 0
	Inp1: 15, 8, 3, 4
	permute_vec: 0, 2, 1, 3
	Inp1: 12, 3, 4, 1
	permute_vec: 0, 2, 1, 3
	Inp1: 1, 1, 1, 1
	permute_vec: 0, 2, 1, 3
	Inp1: 1, 2, 3, 2
	permute_vec: 0, 2, 1, 3
	Inp1: 1, 2, 3, 1
	permute_vec: 0, 2, 1, 3
	Inp1: 1, 1, 2, 3
	permute_vec: 0, 2, 1, 3
	Inp1: 1, 3, 2, 1
	permute_vec: 1, 0, 2, 3, 4
	Inp1: 8, 4, 4, 6, 3
	permute_vec: 3, 1, 2, 0, 4
	Inp1: 3, 7, 5, 1, 3
	permute_vec: 4, 1, 2, 3, 0
	Inp1: 5, 7, 13, 17, 23
	permute_vec: 0, 1, 4, 3, 2
	Inp1: 11, 13, 19, 17, 2
	permute_vec: 0, 1, 2, 4, 3
	Inp1: 9, 8, 18, 50, 6
	permute_vec: 4, 3, 2, 1, 0
	Inp1: 4, 8, 10, 16, 6 permute_vec: 1, 0, 2, 3
	·
	Inp1: 4, 9, 7, 5
	permute_vec: 0, 1, 3, 2
	Inp1: 1, 14, 2, 7
	permute_vec: 3, 1, 2, 0
	Inp1: 5, 5, 4, 8
	permute_vec: 2, 1, 0, 3
	Inp1: 1, 15, 11, 6
	permute_vec: 0, 2, 1, 3
	Inp1: 2, 7, 15, 7
	permute_vec: 0, 3, 2, 1
	Inp1: 3, 7, 13, 2
xa_nn_permute – Signed 16-bit	permute_vec: 1, 0, 2
	Inp1: 6, 6, 13
	permute_vec: 0, 2, 1
	Inp1: 15, 9, 4
	permute_vec: 2, 1, 0
	Inp1: 7, 8, 9
	permute_vec: 1, 0, 2
	Inp1: 11, 11, 4
	permute_vec: 0, 2, 1
	Inp1: 12, 3, 9
	permute_vec: 1, 0, 2, 3
	Inp1: 12, 6, 4, 5
	permute_vec: 0, 2, 1, 3
	Inp1: 1, 1, 1, 1



Kernel name	Parameters
	permute_vec: 0, 2, 1, 3
	Inp1: 1, 2, 3, 2
	permute_vec: 0, 2, 1, 3
	Inp1: 1, 2, 3, 1
	permute_vec: 0, 2, 1, 3
	Inp1: 1, 1, 2, 3
	permute_vec: 0, 2, 1, 3
	Inp1: 1, 3, 2, 1
	permute_vec: 1, 0, 2, 3, 4
	Inp1: 8, 4, 4, 6, 3
	permute_vec: 3, 1, 2, 0, 4
	Inp1: 3, 7, 5, 1, 3
	permute_vec: 4, 1, 2, 3, 0
	Inp1: 5, 7, 13, 17, 23
	permute_vec: 0, 1, 4, 3, 2
	Inp1: 11, 13, 19, 17, 2
	permute_vec: 0, 1, 2, 4, 3
	Inp1: 9, 8, 18, 50, 6
	permute_vec: 4, 3, 2, 1, 0
	Inp1: 4, 8, 10, 16, 6
	permute_vec: 1, 0, 2, 3
	Inp1: 9, 4, 5, 2
	permute_vec: 0, 1, 3, 2
	Inp1: 6, 5, 4, 3
	permute_vec: 3, 1, 2, 0
	Inp1: 6, 3, 5, 7 permute_vec: 1, 0, 2
	Inp1: 6, 12, 5
	permute_vec: 2, 1, 0, 3
	Inp1: 7, 8, 3, 2
	permute_vec: 0, 1, 3, 2
	Inp1: 5, 12, 66, 1
	permute_vec: 0, 3, 2, 1
	Inp1: 6, 14, 3, 2
	permute_vec: 1, 0, 2
	Inp1: 5, 7, 12
xa_nn_permute – Signed 32-bit	permute_vec: 1, 0, 2, 3
	Inp1: 8, 3, 4, 6
	permute_vec: 1, 0, 2
	Inp1: 8, 7, 7
	permute_vec: 2, 1, 0, 3
	Inp1: 4, 6, 5, 3
	permute_vec: 2, 1, 0, 3
	Inp1: 6, 7, 8, 2
	permute_vec: 0, 2, 1, 3
	Inp1: 1, 1, 1, 1
	permute_vec: 0, 2, 1, 3
	Inp1: 1, 2, 3, 2
	permute_vec: 0, 2, 1, 3
	Inp1: 1, 2, 3, 1
	permute_vec: 0, 2, 1, 3
	Inp1: 1, 1, 2, 3



Kernel name	Parameters
	permute_vec: 0, 2, 1, 3
	Inp1: 1, 3, 2, 1
	permute_vec: 1, 0, 2, 3, 4
	Inp1: 8, 4, 4, 6, 3
	permute_vec: 3, 1, 2, 0, 4
	Inp1: 3, 7, 5, 1, 3
	permute_vec: 4, 1, 2, 3, 0
	Inp1: 5, 7, 13, 17, 23
	permute_vec: 0, 1, 4, 3, 2
	Inp1: 11, 13, 19, 17, 2
	permute_vec: 0, 1, 2, 4, 3
	Inp1: 9, 8, 18, 50, 6
	permute_vec: 4, 3, 2, 1, 0
	Inp1: 4, 8, 10, 16, 6
	permute_vec: 2, 1, 3, 0
	Inp1: 7, 8, 13, 10
	permute_vec: 3, 2, 1, 4, 0
	Inp1: 21, 10, 18, 23, 23
	permute_vec: 4, 2, 3, 0, 1
	Inp1: 16, 3, 9, 6, 18
	permute_vec: 2, 3, 0, 1, 4
	Inp1: 21, 9, 18, 8, 10
	permute_vec: 2, 3, 0, 1
	Inp1: 10, 11, 7, 16
	permute_vec: 1, 0, 3, 2
	Inp1: 23, 8, 3, 18
	permute_vec: 3, 0, 1, 2
	Inp1: 19, 8, 50, 2
	permute_vec: 0, 2, 1, 3
	Inp1: 1, 1, 1, 1
	permute_vec: 0, 2, 1, 3 Inp1: 1, 2, 3, 2
xa_nn_permute – Unsigned 8-bit	permute vec: 0, 2, 1, 3
	Inp1: 1, 2, 3, 1
	permute vec: 0, 2, 1, 3
	Inp1: 1, 1, 2, 3
	permute_vec: 0, 2, 1, 3
	Inp1: 1, 3, 2, 1
	permute_vec: 1, 0, 2, 3, 4
	Inp1: 8, 4, 4, 6, 3
	permute_vec: 3, 1, 2, 0, 4
	Inp1: 3, 7, 5, 1, 3
	permute_vec: 4, 1, 2, 3, 0
	Inp1: 5, 7, 13, 17, 23
	permute_vec: 0, 1, 4, 3, 2
	Inp1: 11, 13, 19, 17, 2
	permute_vec: 0, 1, 2, 4, 3
	Inp1: 9, 8, 18, 50, 6
	permute_vec: 4, 3, 2, 1, 0
	Inp1: 4, 8, 10, 16, 6 permute_vec: 3, 2, 1, 0, 4
xa_nn_permute – Unsigned 16-bit	Inp1: 9, 25, 10, 10, 7
-	111p1. 3, 23, 10, 10, 1



Kernel name	Parameters
	permute_vec: 2, 0, 1
	Inp1: 7, 8, 50
	permute_vec: 2, 3, 1, 0
	Inp1: 25, 21, 8, 11
	permute_vec: 1, 4, 3, 0, 2
	Inp1: 1, 11, 16, 3, 13
	permute_vec: 1, 2, 0
	Inp1: 23, 1, 8
	permute_vec: 3, 0, 1, 2
	Inp1: 50, 6, 5, 7
	permute_vec: 1, 0, 2
	Inp1: 50, 2, 50
	permute_vec: 0, 2, 1, 3
	Inp1: 1, 1, 1, 1
	permute_vec: 0, 2, 1, 3
	Inp1: 1, 2, 3, 2
	permute vec: 0, 2, 1, 3
	Inp1: 1, 2, 3, 1
	permute_vec: 0, 2, 1, 3
	Inp1: 1, 1, 2, 3
	permute_vec: 0, 2, 1, 3
	Inp1: 1, 3, 2, 1
	permute_vec: 1, 0, 2, 3, 4
	Inp1: 8, 4, 4, 6, 3
	permute_vec: 3, 1, 2, 0, 4
	Inp1: 3, 7, 5, 1, 3
	permute_vec: 4, 1, 2, 3, 0
	Inp1: 5, 7, 13, 17, 23
	permute_vec: 0, 1, 4, 3, 2
	Inp1: 11, 13, 19, 17, 2
	permute_vec: 0, 1, 2, 4, 3
	Inp1: 9, 8, 18, 50, 6
	permute_vec: 4, 3, 2, 1, 0
	Inp1: 4, 8, 10, 16, 6
	permute_vec: 1, 3, 0, 4, 2
	Inp1: 16, 18, 18, 7, 3
	permute_vec: 2, 0, 1
	Inp1: 5, 11, 16
	permute_vec: 2, 3, 0, 1
	Inp1: 11, 21, 13, 23
	permute_vec: 1, 0, 3, 2
	Inp1: 50, 7, 2, 1
	permute_vec: 4, 3, 2, 1, 0
xa_nn_permute – Unsigned 32-bit	Inp1: 25, 5, 3, 23, 9
	permute_vec: 2, 1, 0, 4, 3
	Inp1: 13, 8, 18, 21, 50
	permute_vec: 0, 3, 4, 1, 2
	Inp1: 1, 2, 2, 18, 6
	permute_vec: 0, 2, 1, 3
	Inp1: 1, 1, 1, 1
	permute_vec: 0, 2, 1, 3
	Inp1: 1, 2, 3, 2
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Kernel name	Parameters
	permute_vec: 0, 2, 1, 3
	Inp1: 1, 2, 3, 1
	permute_vec: 0, 2, 1, 3
	Inp1: 1, 1, 2, 3
	permute_vec: 0, 2, 1, 3
	Inp1: 1, 3, 2, 1
	permute_vec: 1, 0, 2, 3, 4
	Inp1: 8, 4, 4, 6, 3
	permute_vec: 3, 1, 2, 0, 4 Inp1: 3, 7, 5, 1, 3
	permute vec: 4, 1, 2, 3, 0
	Inp1: 5, 7, 13, 17, 23
	permute_vec: 0, 1, 4, 3, 2
	Inp1: 11, 13, 19, 17, 2
	permute_vec: 0, 1, 2, 4, 3
	Inp1: 9, 8, 18, 50, 6
	permute_vec: 4, 3, 2, 1, 0
	Inp1: 4, 8, 10, 16, 6
	Inp1: 3, 5, 3, 6
	Inp1: 7, 7, 4
	Inp1: 10, 4, 9, 3, 4
xa_nn_elm_exp_f32_f32	Inp1: 10, 3, 6
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Inp1: 1, 4, 9, 7
	Inp1: 5, 7, 9, 7, 9
	Inp1: 1, 1, 4, 9
	Axis=0
	Inp: 23, 46, 19
	Axis=3
	Inp: 23, 17, 8, 2
	Axis=1
	Inp: 46, 87, 23
	Axis=1
	Inp: 9, 56, 10, 7
	Axis=1 Inp: 8, 46
	Axis=1
	Inp: 13, 9
xa_nn_mean_f32_f32	Axis=0
	Inp: 8, 17
	Axis=0
	Inp: 3, 17
	Axis=2
	Inp: 46, 3, 56
	Axis=Null
	Inp: 5, 8 Axis= Null
	Axis= Nuii Inp: 2, 2, 4, 8, 5
	Axis= Null
	Inp: 5, 4, 5, 4
	1



Kernel name	Parameters
	Axis= Null
	Inp: 3, 4, 1, 7, 4
	Axis= Null
	Inp: 8, 2
	Axis= Null
	Inp: 4, 1, 3
	Axis=0
	Inp: 6, 9, 5, 6, 5
	Axis=0, 1
	Inp: 34, 13
	Axis=1, 3, 0
	Inp: 8, 56, 9, 10, 10
	Axis=0
	Inp: 9, 3
	Axis=1, 0, 3
	Inp: 56, 13, 7, 1, 2
	Axis=2, 1
	Inp: 8, 46, 7
	Axis=2
	Inp: 17, 17, 9, 56
	Axis=4, 1
	Inp: 34, 2, 8, 8, 87
	Axis=0, 1
	Inp: 1, 1
	Axis=1, 3, 4, 0
	Inp: 9, 34, 1, 46, 19 Axis=1
	Inp: 3, 17
	Axis= 3
	Inp: 2, 23, 34, 56, 1
	Axis= 4
	Inp: 2, 23, 34, 56, 1
	Axis= 0, 2
	Inp: 2, 13, 23, 8, 46
	Axis= 3, 0
	Inp: 17, 17, 46, 13, 7
	Axis= 1, 4
	Inp: 17, 13, 7, 23, 17
	Inp1: 4, 5, 8, 7, 7
	Inp2: 4, 5, 8, 7, 7
	Inp1: 4, 9, 6, 5
	Inp2: 4, 9, 6, 5
	Inp1: 8, 10, 6, 7
	Inp2: 8, 10, 6, 7
xa_nn_elm_less_f32xf32_bool	Inp1: 4, 5, 8, 7, 7
/d_iii_0iii_i000_i0E/ii02_b00i	Inp2: 4, 5, 8, 7, 7
	Inp1: 8, 4, 5, 10, 5
	Inp2: 8, 4, 5, 10, 5
	Inp1: 4, 5, 6, 9
	Inp2: 4, 5, 6, 9
	Inp1: 10, 9, 5, 9
	Inp2: 10, 9, 5, 9



Kernel name	Parameters
	Inp1: 4, 10, 8, 7
	Inp2: 4, 10, 8, 7
	Inp1: 3, 2
	Inp2: 3, 2
	Inp1: 3, 3, 1, 1
	Inp2: 3, 3, 1, 1
	Inp1: 3, 2, 1, 2
	Inp2: 3, 2, 1, 2
	Inp1: 8, 1, 1, 1
	Inp2: 8, 1, 1, 1
	Inp1: 1, 1, 1
	Inpl. 1, 1, 1
	Inp2: 1, 1, 1 Inp1: 1, 1, 8, 9
	INDT: 1, 1, 0, 9
	Inp2: 1, 1, 8, 9 Inp1: 1, 3, 1, 2
	IND 1: 1, 3, 1, 2
	Inp2: 1, 3, 1, 2 Inp1: 2, 3, 1, 2, 4
	Inp1: 2, 3, 1, 2, 4
	Inp2: 2, 3, 1, 2, 4
	Inp1: 1, 3, 2, 4
	Inp2: 1, 3, 2, 4
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	Inp2: 4, 1, 2, 1
	Inp1: 1, 3, 2, 1
	Inp2: 1, 3, 2, 1
	Inp1: 4, 1, 1, 2
	Inp2: 4, 1, 1, 2
	Inp1: 1, 3, 1, 2
	Inp2: 1, 3, 1, 2
	Inp1: 4, 1
	Inp2: 4, 1
	Inp1: 4, 5, 8, 7, 7
	Inp2: 1
	Inp1: 4, 9, 6, 5
	Inp2: 1
	Inp1: 8, 10, 6, 7
	Inp2: 1
	Inp1: 4, 5, 8, 7, 7
	Inp2: 1
	Inp1: 8, 4, 5, 10, 5
Xa_nn_elm_less_scalar_f32xf32_bool	Inp2: 11
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	Inp1: 4, 5, 6, 9
	Inp2: 1
	Inp1: 10, 9, 5, 9
	Inp2: 1
	Inp1: 4, 10, 8, 7
	Inp2: 1
	Inp1: 3, 2
	Inp1: 3, 2
	γ2. 1



Kernel name	Parameters
	Inp1: 3, 3, 1, 1
	Inp2: 1
	Inp1: 3, 2, 1, 2
	Inp2: 1
	Inp1: 8, 1, 1, 1
	Inp2: 1
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	Inp1: 1, 1, 8, 9
	Inp2: 1
	Inp1: 1, 3, 1, 2
	Inp2: 1
	Inp1: 2, 3, 1, 2, 4
	Inp2: 1
	Inp1: 1, 3, 2, 4
	Inp2: 1
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	Inp2: 1
	Inp1: 1, 3, 2, 1 Inp2: 1
	Inp1: 4, 1, 1, 2
	Inp2: 1
	Inp1: 1, 3, 1, 2
	Inp2: 1
	Inp1: 4, 1
	Inp2: 1
	Inp1: 87, 9, 15, 5
	Inp2: 87, 9, 1, 1 Inp1: 1, 1, 1, 1
	Inp2: 3, 12, 34, 8
	Inp1: 92, 13, 1, 4, 2
	Inp2: 92, 13, 4, 1, 2
	Inp1: 1, 1, 38, 45 Inp2: 1, 1, 38, 1
	Inp1: 1, 98, 1, 5, 48
	Inp2: 1, 1, 2, 1, 1
xa_nn_elm_less_broadcast_5D_f32xf32_bool	Inp1: 66, 1, 6, 3
	Inp2: 1, 55, 6, 3
	Inp1: 87, 9, 1, 1 Inp2: 87, 9, 15, 5
	Inp1: 3, 12, 34, 8
	Inp2: 1, 1, 1, 1
	Inp1: 92, 13, 4, 1, 2
	Inp2: 92, 13, 1, 4, 2
	Inp1: 1, 1, 38, 1 Inp2: 1, 1, 38, 45
	Inp1: 12, 23, 4, 1
	Inp2: 1, 1, 1, 1



Kernel name	Parameters
	Inp1: 1, 1, 1, 1
	Inp2: 9, 8, 4, 1
	Inp1: 4, 3, 16, 2, 1
	Inp2: 4, 3, 1, 2, 1
	Inp1: 12, 8, 1, 1
	Inp2: 1, 8, 1, 1
	Inp2: 1, 8, 1, 1 Inp1: 18, 7, 8, 1
	Inp2: 18, 1, 1, 1
	Inp1: 6, 14, 17, 1
	Inp2: 1, 1, 17, 1
	Inp1: 4, 8, 2, 1
	Inp2: 4, 8, 1, 2
	Inp1: 1, 1, 1, 1
	Inp2: 1, 1, 1, 1
	Inp1: 2, 2, 3, 2
	Inp2: 2, 2, 1, 1
	Inp1: 1, 2
	Inp2: 2, 1
	Inp1: 2, 1, 1
	Inp2: 1, 2, 2
	Inp1: 6, 1, 1
	Inp2: 1, 1, 1
	Inp1: 2, 2, 3, 2
	Inp2: 2, 2, 3, 1
	Inp1: 2, 2, 3, 2
	Inp2: 2, 1, 3, 2 Inp1: 2, 2, 3, 2
	Inp1: 2, 2, 3, 2
	Inp2: 2, 2, 3, 2
	Inp1: 2, 2, 3, 1
	Inp2: 2, 2, 3, 1
	Inp1: 2, 13
	Inp2: 2, 1
	Inp1: 2, 1, 1, 1
	Inp2: 2, 1, 1, 1
	Inp1: 2, 2, 3, 2
	Inp2: 2, 2, 1, 2
	Inp1: 2, 2, 3, 2
	Inp2: 1, 2, 3, 2
	Inp1: 2, 2, 1, 2
	Inp2: 2, 2, 3, 1 Inp1: 2, 3, 3, 1
	IIIP1. 2, 3, 3, 1
	Inp2: 2, 3, 1, 2 Inp1: 2, 1, 3, 2
	Inp2: 2, 3, 3, 1 Inp1: 2, 3, 3, 1
	Inpr. 2, 3, 3, 1 Inpr. 2, 1, 3, 2
	Inp2: 2, 1, 3, 2 Inp1: 2, 1, 3, 2
	Inpr. 2, 1, 3, 2
	Inp2: 2, 3, 1, 2 Inp1: 2, 3, 1, 2
	Inp1: 2, 3, 1, 2 Inp2: 2, 1, 3, 2
	Inp1: 1, 3, 1, 2
	Inp2: 2, 1, 3, 1
	11192.2, 1, 0, 1



Inp1: 1, 1, 1, 1 Inp2: 5, 6, 7, 8 Inp1: 2, 2, 3, 1 Inp2: 2, 2, 3, 2 Inp1: 2, 2, 1, 1 Inp2: 2, 2, 3, 2 Inp1: 2, 2, 1, 1 Inp2: 2, 2, 3, 2 Inp1: 2, 2, 3, 2 Inp1: 1, 2, 3, 2 Inp1: 1, 2, 3, 2 Inp1: 1, 2, 3, 2 Inp1: 5, 6, 1, 1 Inp2: 1, 1, 1, 1 Inp1: 3, 2, 4, 1 Inp2: 1, 1, 1, 1 Inp1: 3, 2, 4, 1 Inp2: 1, 1, 1, 1 Inp1: 3, 2, 4, 1 Inp1: 5, 5, 5, 5 Inp2: 5, 5, 5, 5, 5 Inp1: 5, 5, 5 Inp1: 5, 5, 5 Inp1: 5,	Kernel name	Parameters
Inp2: 5, 6, 7, 8		
Inp1: 2, 2, 3, 1 Inp2: 2, 2, 3, 2 Inp1: 2, 2, 1, 1 Inp2: 2, 2, 3, 2 Inp1: 1, 6, 1, 1 Inp2: 2, 1, 1, 1 Inp1: 3, 2, 4, 1 Inp2: 1, 1, 1, 1 Inp1: 3, 2, 4, 1 Inp1: 3, 1, 1, 1 Inp1: 3, 1, 1, 1 Inp1: 3, 2, 4, 1 Inp2: 1, 1, 1, 1 Inp1: 2, 2, 1, 1 Inp1: 5, 5, 5, 5, 5 Inp2: 5, 5, 5, 5 Inp2: 5, 5, 5, 5 Inp2: 5, 5, 5, 5 Inp1: 7, 1, 5, 1, 9 Inp1: 2, 1		
Inp2: 2, 2, 3, 2 Inp1: 2, 2, 1, 1 Inp2: 2, 2, 3, 2 Inp1: 2, 2, 1, 2 Inp2: 2, 2, 3, 2 Inp1: 1, 1, 1, 1 Inp1: 3, 2, 4, 1 Inp2: 1, 1, 1, 1 Inp1: 3, 1, 1, 1 Inp1: 3, 1, 1, 1 Inp1: 3, 1, 1, 1 Inp1: 2, 2, 1, 1 Inp2: 2, 1, 1 Inp2: 2, 2, 1, 1 Inp2: 5, 5, 5, 5 Inp2: 5, 5, 5, 5 Inp2: 5, 5, 5, 5 Inp1: 5, 5, 5, 5 Inp2: 5, 5, 5, 5 Inp1: 5, 5, 5, 5 Inp2: 5, 5, 5, 5 Inp1: 5,		Inp1: 2, 2, 3, 1
Inp2: 2, 2, 3, 2 Inp1: 1, 2, 3, 2 Inp2: 2, 2, 3, 2 Inp1: 1, 2, 3, 2 Inp2: 2, 1, 3, 2 Inp2: 1, 1, 1, 1 Inp2: 1, 1, 1, 1 Inp1: 3, 2, 4, 1 Inp2: 1, 1, 1, 1 Inp1: 3, 1, 1, 1 Inp1: 3, 1, 1, 1 Inp1: 3, 1, 1, 1 Inp1: 5, 5, 5, 5 Inp2: 5, 5, 5, 5 Inp1: 1, 5, 5, 5, 5 Inp1: 1, 5, 5, 5, 5 Inp1: 2, 3, 5, 7 Inp1: 2, 1, 5, 1, 9 Inp1: 2, 1, 5, 1, 5		Inp2: 2, 2, 3, 2
Inp1: 2, 2, 1, 2 Inp2: 2, 2, 3, 2 Inp1: 1, 2, 3, 2 Inp2: 2, 2, 3, 2 Inp1: 5, 6, 1, 1 Inp2: 1, 1, 1, 1 Inp1: 3, 2, 4, 1 Inp2: 1, 1, 1, 1 Inp1: 3, 1, 1, 1 Inp1: 3, 1, 1, 1 Inp1: 3, 1, 1, 1 Inp2: 1, 1, 1, 1 Inp1: 5, 5, 5, 5 Inp2: 5, 5, 5, 5 Inp2: 5, 5, 5, 5, 1 Inp1: 5, 5, 5, 5 Inp2: 5, 1, 5, 5 Inp1: 5, 5, 5, 5 Inp2: 5, 1, 5, 5 Inp1: 5, 5, 5, 5 Inp2: 5, 1, 5, 5 Inp1: 5, 5, 5, 5 Inp1: 1, 5, 5, 5 Inp1: 2, 3, 1, 7, 9 Inp1: 2, 1, 5, 1, 7		
Inp2: 2, 2, 3, 2 Inp1: 1, 2, 3, 2 Inp2: 2, 2, 3, 2 Inp1: 5, 6, 1, 1 Inp2: 1, 1, 1, 1 Inp1: 3, 2, 4, 1 Inp2: 1, 1, 1, 1 Inp1: 3, 2, 4, 1 Inp2: 1, 1, 1, 1 Inp1: 3, 1, 1, 1 Inp1: 3, 1, 1, 1 Inp1: 3, 1, 1, 1 Inp1: 5, 5, 5, 5 Inp2: 5, 5, 5, 5 Inp2: 5, 5, 5, 5 Inp1: 5, 5, 5, 5 Inp2: 5, 5, 5, 5 Inp1: 5, 5, 5, 5 Inp2: 5, 5, 5, 5 Inp2: 5, 5, 5, 5 Inp1: 5, 5, 5, 5 Inp2: 5, 5, 5, 5 Inp2: 5, 5, 5, 5 Inp1: 5, 5, 5, 5 Inp2: 5, 5, 5, 5 Inp1: 5, 5, 5, 5 Inp2: 5, 5, 5, 5 Inp1: 1, 5, 5, 5 Inp2: 3, 5, 7, 9 Inp1: 2, 3, 5, 7, 9 Inp1: 2, 1, 5, 1, 9 Inp1: 2, 1, 5, 1, 9 Inp1: 2, 1, 5, 7, 1		Inp2: 2, 2, 3, 2
Inp1: 1, 2, 3, 2 Inp2: 2, 2, 3, 2 Inp1: 5, 6, 1, 1 Inp2: 1, 1, 1, 1 Inp1: 3, 2, 4, 1 Inp2: 1, 1, 1, 1 Inp1: 3, 1, 1, 1 Inp1: 3, 1, 1, 1 Inp2: 1, 1, 1, 1 Inp1: 3, 1, 1, 1 Inp2: 1, 1, 1, 1 Inp2: 1, 2, 1, 1 Inp2: 2, 2, 1, 1 Inp2: 5, 5, 5, 5 Inp2: 5, 5, 5, 5, 5 Inp2: 5, 5, 5, 5, 5 Inp1: 5, 5, 5, 5, 5, 5 Inp1: 5, 5, 5, 5, 5, 5 Inp1: 5, 5, 5, 5, 5, 5 Inp2: 5, 5, 5, 5 Inp2: 5, 5, 5, 5, 5 Inp2: 1, 5, 1, 9 Inp2: 1, 1, 1, 1, 9 Inp2: 1, 1, 1, 1, 9 Inp2: 2, 2, 3, 1, 7, 9 Inp2: 3, 1, 7, 9 Inp2: 2, 3, 1, 7, 9 Inp2: 3, 1, 7, 9 Inp2: 2, 3, 1, 7, 9 Inp2: 2, 3, 1, 7, 9 Inp2: 3, 1, 7, 9 Inp2: 2, 3, 1, 7, 9		Inp1: 2, 2, 1, 2
Inp2: 2, 2, 3, 2 Inp1: 5, 6, 1, 1 Inp2: 1, 1, 1, 1 Inp1: 3, 2, 4, 1 Inp2: 1, 1, 1, 1 Inp1: 3, 1, 1, 1 Inp1: 3, 1, 1, 1 Inp2: 1, 1, 1, 1 Inp1: 2, 2, 1, 1 Inp2: 2, 2, 1, 1 Inp1: 5, 5, 5, 5, 5 Inp2: 5, 5, 5, 5 Inp1: 1, 5, 5, 5 Inp1: 1, 5, 5, 5 Inp1: 1, 5, 5, 5 Inp1: 2, 3, 5, 7, 9 Inp1: 2, 1, 5, 7,		Inp2: 2, 2, 3, 2
Inp1: 5, 6, 1, 1 Inp2: 1, 1, 1, 1 Inp1: 3, 2, 4, 1 Inp2: 1, 1, 1, 1 Inp1: 3, 1, 1, 1 Inp1: 3, 1, 1, 1 Inp1: 2, 2, 1, 1 Inp1: 2, 2, 1, 1 Inp1: 5, 5, 5, 5 Inp1: 5, 5, 5, 5 Inp2: 5, 5, 5, 5 Inp1: 1, 5, 5, 5 Inp1: 1, 5, 5, 5 Inp1: 2, 3, 5, 7, 9 Inp1: 2, 3, 5, 7, 9 Inp1: 2, 1, 5, 7, 9 Inp1: 2, 1, 5, 7, 9 Inp1: 2, 1, 5, 7, 9 Inp1: 2, 3, 1, 7, 1		Inp1: 1, 2, 3, 2
Inp2: 1, 1, 1, 1 Inp1: 3, 2, 4, 1 Inp2: 1, 1, 1, 1 Inp1: 3, 1, 1, 1 Inp1: 3, 1, 1, 1 Inp1: 2, 2, 1, 1 Inp1: 2, 2, 1, 1 Inp1: 2, 2, 1, 1 Inp1: 5, 5, 5, 5, 5 Inp2: 5, 5, 5, 5 Inp2: 5, 5, 5, 5 Inp2: 5, 5, 5, 5 Inp1: 1, 5, 5, 5, 5 Inp1: 1, 5, 5, 5, 5 Inp1: 1, 5, 5, 5, 5 Inp1: 2, 3, 5, 7, 9 Inp1: 2, 3, 1, 7, 9 Inp1: 2, 3, 1, 7, 9 Inp1: 2, 1, 5, 1, 9 Inp1: 2, 3, 1, 7, 1		Inp2: 2, 2, 3, 2
Inp1: 3, 2, 4, 1 Inp2: 1, 1, 1, 1 Inp1: 3, 1, 1, 1 Inp2: 1, 1, 1, 1 Inp2: 1, 1, 1, 1 Inp2: 2, 2, 1, 1 Inp1: 5, 5, 5, 5, 5 Inp2: 5, 5, 5, 5, 5 Inp2: 5, 5, 5, 5, 5 Inp1: 5, 5, 5, 5, 5 Inp1: 5, 5, 5, 5 Inp2: 5, 5, 1, 5 Inp1: 5, 5, 5, 5 Inp2: 5, 5, 1, 5 Inp1: 5, 5, 5, 5 Inp2: 5, 5, 1, 5 Inp1: 5, 5, 5, 5 Inp2: 5, 5, 5, 5 Inp1: 5, 5, 5, 5 Inp1: 5, 5, 5, 5 Inp1: 5, 5, 5, 5 Inp2: 5, 1, 5, 5 Inp1: 5, 5, 5, 5 Inp2: 5, 1, 5, 5 Inp1: 5, 5, 5, 5 Inp2: 5, 5, 5, 5 Inp2: 5, 5, 5, 5 Inp1: 5, 5, 5, 5 Inp2: 5, 5, 5, 5 Inp1: 5, 5, 5, 5 Inp2: 1, 5, 5, 5 Inp1: 2, 3, 5, 7, 9 Inp1: 2, 3, 5, 7, 9 Inp1: 2, 1, 5, 7, 9 Inp1: 2, 3, 1, 7, 9 Inp1: 2, 3, 1, 7, 9 Inp1: 2, 3, 1, 7, 9 Inp1: 2, 1, 5, 7, 9 Inp1: 2, 3, 1, 7, 1		
Inp2: 1, 1, 1, 1 Inp1: 3, 1, 1, 1 Inp1: 3, 1, 1, 1 Inp2: 1, 1, 1, 1 Inp2: 1, 1, 1, 1 Inp1: 2, 2, 1, 1 Inp2: 2, 2, 1, 1 Inp2: 5, 5, 5, 5, 5 Inp2: 5, 5, 5, 5, 5, 5 Inp2: 5, 5, 5, 5, 5, 5 Inp2: 5, 5, 5, 5, 5 Inp2: 5, 5, 5, 5, 5 Inp1: 5, 5, 5, 5, 5 Inp2: 1, 5, 5, 5, 5 Inp2: 1, 5, 5, 5, 5 Inp2: 2, 3, 5, 7, 9 Inp2: 2, 3, 5, 7, 9 Inp2: 2, 3, 5, 7, 9 Inp2: 2, 3, 1, 7, 1 Inp2: 1, 5, 3, 1, 7, 9 Inp2: 2, 3, 1, 7, 1 Inp2: 1, 2, Inp2: 2, 3, 1, 7, 1 Inp2: 1, 2, Inp2: 2, 3, 1, 7, 1 Inp2: 1, 2, Inp2: 2, 3, 1, 7, 1 Inp2: 1, 2, Inp2: 2, 3, 1, 7, 1 Inp2: 1, 2, Inp3: 2, 3, 1, 7, 1 Inp2: 1, 2, Inp3: 2, 3, 1, 7, 1 Inp2: 1, 2, Inp3: 2, 3, 1, 7, 1 Inp2: 1, 2, Inp3: 2, 3, 1, 7, 1 Inp3: 1, 2, 3, 1, 7, 1 Inp3: 1, 2, Inp3: 2, 3, 1, 7, 1 Inp3: 1, 2, Inp3: 2, 3, 1, 7, 1 Inp3: 1, 2, 3, 1, 7, 1 Inp3: 1, 2, 3, 1		
Inp1: 3, 1, 1, 1 Inp2: 1, 1, 1, 1 Inp1: 2, 2, 1, 1 Inp1: 5, 5, 5, 5, 5 Inp2: 5, 5, 5, 5, 5 Inp2: 5, 5, 5, 5, 5 Inp1: 5, 5, 5, 5, 5 Inp1: 5, 5, 5, 5, 5 Inp1: 1, 5, 5, 5, 5 Inp1: 1, 5, 5, 5, 5 Inp1: 2, 3, 5, 7, 9 Inp1: 2, 3, 5, 7, 9 Inp1: 2, 3, 5, 7, 9 Inp1: 2, 3, 1, 7, 1		
Inp2: 1, 1, 1, 1 Inp1: 2, 2, 1, 1 Inp2: 2, 2, 1, 1 Inp2: 2, 2, 1, 1 Inp2: 5, 5, 5, 5, 5 Inp1: 5, 5, 5, 5, 5 Inp2: 5, 5, 1, 5 Inp1: 5, 5, 1, 5, 5 Inp2: 5, 5, 1, 5, 5 Inp1: 5, 5, 1, 5, 5 Inp1: 5, 5, 5, 5, 5 Inp1: 5, 5, 1, 5, 5 Inp1: 5, 5, 5, 5, 5 Inp1: 5, 5, 5, 5, 5 Inp1: 5, 5, 5, 5, 5 Inp1: 1, 5, 5, 5, 5 Inp1: 2, 3, 5, 7, 9 Inp2: 2, 3, 5, 7, 9 Inp1: 2, 3, 5, 7, 9 Inp1: 2, 3, 1, 7, 1 Inp1: 2, 3, 1		
Inp1: 2, 2, 1, 1 Inp2: 2, 2, 1, 1 Inp1: 5, 5, 5, 5, 5 Inp2: 5, 5, 5, 5, 5 Inp2: 5, 5, 5, 5, 5 Inp1: 1, 5, 5, 5, 5 Inp1: 2, 3, 5, 7, 9 Inp1: 2, 3, 5, 7, 9 Inp1: 2, 3, 5, 7, 9 Inp1: 2, 3, 1, 7, 9 Inp1: 2, 3, 1, 7, 9 Inp1: 2, 1, 5, 1, 9 Inp1: 2, 1, 5, 7, 9 Inp1: 2, 3, 1, 7, 1		
Inp2: 2, 2, 1, 1 Inp1: 5, 5, 5, 5, 5 Inp2: 5, 5, 5, 5, 1 Inp1: 5, 5, 5, 5, 5 Inp2: 5, 5, 5, 5, 1 Inp2: 5, 5, 5, 5, 5 Inp1: 5, 5, 5, 5 Inp2: 5, 5, 5, 5 Inp1: 1, 5, 5, 5, 5 Inp1: 1, 5, 5, 5, 5 Inp1: 2, 3, 5, 7, 9 Inp1: 2, 3, 5, 7, 9 Inp1: 2, 3, 5, 7, 9 Inp1: 2, 3, 1, 7, 9 Inp1: 2, 1, 5, 7, 9 Inp1: 2, 3, 1, 7, 9 Inp1: 2, 1, 5, 7, 9 Inp1: 2, 3, 1, 7, 9 Inp1: 2, 1, 5, 7, 9 Inp1: 2, 3, 1, 7, 1		
Inp1: 5, 5, 5, 5, 5 Inp2: 5, 5, 5, 5 Inp2: 5, 5, 5, 5 Inp1: 5, 5, 5, 5 Inp1: 5, 7, 5, 5, 5, 5 Inp1: 1, 6, 5, 5, 5 Inp1: 1, 6, 5, 5, 5 Inp1: 1, 6, 5, 5, 5 Inp1: 2, 3, 5, 7, 9 Inp1: 2, 3, 5, 7, 9 Inp1: 2, 1, 5, 1, 9 Inp1: 2, 1, 5, 1, 9 Inp1: 2, 1, 5, 1, 9 Inp1: 2, 1, 5, 7, 9 Inp1: 2, 3, 1, 7, 1		
Inp2: 5, 5, 5, 5, 1 Inp1: 5, 5, 5, 5, 1 Inp2: 5, 5, 5, 5, 5, 5 Inp1: 5, 5, 5, 5, 5, 5 Inp1: 5, 5, 5, 5, 5, 5 Inp2: 5, 5, 5, 5, 5, 5 Inp1: 7, 5, 5, 5, 5 Inp1: 7, 7, 9, 7, 9 Inp1: 7, 7, 9, 9 Inp1: 7, 7, 7, 1		Inp1: 5, 5, 5, 5, 5
Inp1: 5, 5, 5, 5, 5 Inp2: 5, 5, 5, 5 Inp1: 5, 5, 5, 5, 5 Inp2: 5, 5, 1, 5 Inp1: 5, 5, 1, 5, 5 Inp2: 5, 5, 1, 5, 5 Inp1: 5, 5, 5, 5, 5 Inp1: 5, 5, 5, 5, 5 Inp1: 1, 5, 5, 5 Inp1: 1, 5, 5, 5 Inp1: 2, 3, 5, 7, 9 Inp1: 2, 3, 5, 7, 9 Inp1: 2, 1, 5, 1, 9 Inp1: 2, 1, 5, 7, 9 Inp1: 2, 3, 1, 7, 1		
Inp2: 5, 5, 5, 5, 5 Inp1: 5, 5, 5, 1, 5 Inp2: 5, 5, 5, 5, 5 Inp2: 5, 5, 1, 5 Inp1: 5, 5, 5, 5, 5 Inp2: 5, 5, 1, 5 Inp1: 5, 5, 1, 5, 5 Inp2: 5, 5, 5, 5, 5 Inp2: 5, 5, 1, 5, 5 Inp1: 5, 5, 5, 5, 5 Inp2: 5, 5, 1, 5, 5 Inp1: 5, 5, 5, 5, 5 Inp2: 5, 5, 5, 5, 5 Inp2: 1, 5, 5, 5 Inp2: 2, 3, 5, 7, 9 Inp1: 2, 3, 5, 7, 9 Inp1: 2, 3, 1, 7, 9 Inp1: 3, 1 Inp2: 1, 2 Inp1: 3, 1		
Inp1: 5, 5, 5, 1, 5 Inp2: 5, 5, 5, 5, 5 Inp1: 5, 6, 5, 5, 5 Inp1: 5, 5, 5, 5, 5 Inp2: 5, 5, 1, 5 Inp1: 5, 5, 5, 5, 5 Inp2: 5, 5, 1, 5 Inp1: 5, 5, 1, 5, 5 Inp2: 5, 5, 1, 5, 5 Inp2: 5, 5, 5, 5, 5 Inp1: 5, 5, 5, 5, 5 Inp2: 5, 5, 5, 5 Inp1: 5, 5, 5, 5, 5 Inp1: 1, 5, 5, 5, 5 Inp1: 2, 3, 5, 7, 9 Inp1: 2, 3, 5, 7, 9 Inp1: 2, 3, 1, 7, 9 Inp1: 3, 1 Inp2: 1, 2 Inp1: 3, 1, 7, 1		
Inp1: 5, 5, 5, 5, 5 Inp2: 5, 5, 5, 1, 5 Inp1: 5, 5, 5, 5, 5 Inp2: 5, 5, 1, 5, 5 Inp2: 5, 5, 1, 5, 5 Inp1: 5, 5, 5, 5, 5 Inp2: 5, 5, 1, 5, 5 Inp1: 5, 5, 5, 5, 5 Inp1: 5, 5, 5, 5 Inp2: 5, 5, 1, 5, 5 Inp1: 5, 5, 5, 5, 5 Inp1: 5, 5, 5, 5, 5 Inp1: 5, 5, 5, 5, 5 Inp1: 7, 5, 5, 5, 5 Inp1: 1, 5, 5, 5, 5 Inp1: 1, 5, 5, 5, 5 Inp1: 1, 5, 5, 5, 5 Inp1: 2, 3, 5, 7, 9 Inp1: 2, 3, 5, 7, 9 Inp1: 2, 3, 1, 7, 9		Inp1: 5, 5, 5, 1, 5
Inp2: 5, 5, 5, 1, 5 Inp1: 5, 5, 5, 5, 5 Inp2: 5, 5, 1, 5, 5 Inp1: 5, 5, 1, 5, 5 Inp1: 5, 5, 5, 5 Inp1: 5, 5, 5, 5 Inp1: 5, 5, 1, 5, 5 Inp1: 5, 5, 1, 5, 5 Inp1: 5, 5, 1, 5, 5 Inp1: 5, 5, 5, 5, 5 Inp1: 5, 5, 5, 5 Inp1: 1, 5, 5, 5, 5 Inp1: 1, 5, 5, 5, 5 Inp1: 2, 3, 5, 7, 9 Inp1: 2, 3, 5, 7, 9 Inp1: 2, 3, 1, 7, 9 Inp1: 2, 3, 1, 7, 9 Inp1: 2, 1, 5, 7, 9 Inp1: 2, 3, 1, 7, 9 Inp1: 3, 1 Inp2: 1, 2 Inp1: 3, 1		
Inp1: 5, 5, 5, 5, 5 Inp2: 5, 5, 1, 5, 5 Inp1: 5, 5, 1, 5, 5 Inp2: 5, 5, 5, 5, 5 Inp2: 5, 5, 5, 5, 5 Inp1: 5, 5, 5, 5, 5 Inp2: 5, 5, 5, 5 Inp2: 5, 5, 5, 5 Inp2: 5, 5, 1, 5, 5 Inp2: 5, 5, 1, 5, 5 Inp2: 5, 5, 1, 5, 5 Inp2: 5, 5, 5, 5 Inp2: 1, 5, 5, 5 Inp2: 5, 5, 5, 5 Inp1: 1, 5, 5, 5, 5 Inp1: 2, 3, 5, 7, 9 Inp1: 2, 3, 5, 7, 9 Inp2: 2, 3, 5, 7, 9 Inp2: 1, 3, 1, 7, 9 Inp1: 2, 1, 5, 1, 9 Inp1: 2, 1, 5, 7, 9 Inp1: 2, 3, 1, 7, 9 Inp1: 3, 1 Inp2: 1, 2 Inp1: 3, 1		
Inp2: 5, 5, 1, 5, 5 Inp1: 5, 5, 1, 5, 5 Inp2: 5, 5, 5, 5, 5 Inp2: 5, 5, 5, 5, 5 Inp1: 5, 5, 5, 5, 5 Inp2: 5, 1, 5, 5 Inp2: 5, 5, 1, 5, 5 Inp1: 5, 5, 1, 5, 5 Inp1: 5, 5, 5, 5, 5 Inp1: 5, 5, 5, 5, 5 Inp1: 1, 5, 5, 5, 5 Inp1: 1, 5, 5, 5, 5 Inp2: 1, 5, 5, 5 Inp2: 2, 3, 5, 7, 9 Inp1: 2, 3, 5, 7, 9 Inp1: 2, 1, 5, 1, 9 Inp1: 2, 1, 5, 1, 9 Inp1: 2, 1, 5, 1, 9 Inp1: 2, 1, 5, 7, 9 Inp1: 3, 1 Inp2: 1, 2 Inp1: 3, 1		Inp2: 5, 5, 5, 1, 5
Inp1: 5, 5, 1, 5, 5 Inp2: 5, 5, 5, 5, 5 Inp1: 5, 5, 5, 5, 5 Inp1: 5, 5, 5, 5, 5 Inp2: 5, 1, 5, 5, 5 Inp2: 5, 1, 5, 5, 5 Inp2: 5, 1, 5, 5, 5 Inp2: 5, 5, 1, 5, 5 Inp1: 5, 5, 5, 5, 5 Inp2: 5, 5, 5, 5 Inp1: 5, 5, 5, 5, 5 Inp2: 1, 5, 5, 5, 5 Inp2: 1, 5, 5, 5, 5 Inp2: 1, 5, 5, 5, 5 Inp2: 2, 3, 5, 7, 9 Inp1: 2, 3, 5, 7, 9 Inp1: 2, 3, 5, 7, 9 Inp1: 2, 3, 1, 7, 9 Inp1: 3, 1 Inp2: 1, 2 Inp1: 3, 1, 7, 1		Inp1: 5, 5, 5, 5, 5
Inp2: 5, 5, 5, 5, 5 Inp1: 5, 5, 5, 5, 5 Inp2: 5, 1, 5, 5, 5 Inp2: 5, 1, 5, 5, 5 Inp2: 5, 5, 5, 5, 5 Inp2: 5, 5, 1, 5, 5 Inp1: 5, 5, 5, 5, 5 Inp2: 5, 5, 5, 5 Inp2: 5, 5, 5, 5 Inp1: 1, 5, 5, 5, 5 Inp1: 2, 3, 5, 7, 9 Inp1: 2, 3, 5, 7, 9 Inp1: 2, 1, 5, 1, 9 Inp1: 2, 1, 5, 1, 9 Inp1: 2, 3, 1, 7, 9 Inp1: 2, 1, 5, 1, 9 Inp1: 2, 3, 1, 7, 9 Inp1: 3, 1 Inp2: 1, 2 Inp1: 2, 3, 1, 7, 1		Inp2: 5, 5, 1, 5, 5
Inp1: 5, 5, 5, 5, 5 Inp2: 5, 1, 5, 5, 5 Inp1: 5, 5, 5, 5, 5 Inp2: 5, 5, 1, 5, 5 Inp1: 5, 5, 1, 5, 5 Inp1: 5, 5, 1, 5, 5 Inp1: 5, 5, 1, 5, 5 Inp2: 5, 5, 5, 5, 5 Inp2: 5, 5, 5, 5, 5 Inp1: 1, 5, 5, 5, 5 Inp2: 1, 5, 5, 5, 5 Inp1: 1, 5, 5, 5, 5 Inp1: 2, 3, 5, 7, 9 Inp1: 2, 3, 1, 7, 9 Inp1: 2, 3, 1, 7, 9 Inp1: 2, 1, 5, 1, 9 Inp1: 2, 1, 5, 7, 9 Inp1: 3, 1 Inp2: 1, 2 Inp1: 2, 3, 1, 7, 1		
Inp2: 5, 1, 5, 5, 5 Inp1: 5, 5, 5, 5, 5 Inp2: 5, 5, 1, 5, 5 Inp1: 5, 5, 1, 5, 5 Inp1: 5, 5, 1, 5, 5 Inp2: 5, 5, 5, 5, 5 Inp2: 5, 5, 5, 5, 5 Inp1: 5, 5, 5, 5, 5 Inp1: 1, 5, 5, 5, 5 Inp1: 1, 5, 5, 5, 5 Inp1: 1, 5, 5, 5, 5 Inp1: 2, 3, 5, 7, 9 Inp1: 2, 3, 5, 7, 9 Inp1: 2, 1, 5, 1, 9 Inp1: 2, 3, 1, 7, 9 Inp1: 2, 3, 1, 7, 9 Inp1: 2, 1, 5, 7, 9 Inp1: 2, 3, 1, 7, 9 Inp1: 3, 1 Inp2: 1, 2 Inp1: 2, 3, 1, 7, 1		INPL: 5, 5, 5, 5
Inp1: 5, 5, 5, 5, 5 Inp2: 5, 5, 1, 5, 5 Inp1: 5, 5, 1, 5, 5 Inp2: 5, 5, 5, 5, 5 Inp2: 5, 5, 5, 5, 5 Inp1: 5, 5, 5, 5, 5 Inp2: 1, 5, 5, 5, 5 Inp2: 1, 5, 5, 5, 5 Inp2: 1, 5, 5, 5, 5 Inp1: 2, 3, 5, 7, 9 Inp1: 2, 1, 5, 1, 9 Inp1: 2, 1, 5, 1, 9 Inp1: 2, 3, 1, 7, 9 Inp1: 2, 3, 1, 7, 9 Inp1: 2, 1, 5, 1, 9 Inp1: 2, 1, 5, 7, 9 Inp1: 2, 1, 5, 7, 9 Inp1: 3, 1 Inp2: 1, 2 Inp1: 2, 3, 1, 7, 1		
Inp2: 5, 5, 1, 5, 5 Inp1: 5, 5, 1, 5, 5 Inp2: 5, 5, 5, 5, 5 Inp1: 5, 5, 5, 5, 5 Inp2: 1, 5, 5, 5, 5 Inp2: 1, 5, 5, 5, 5 Inp1: 1, 5, 5, 5, 5 Inp1: 2, 3, 5, 7, 9 Inp1: 2, 3, 5, 7, 9 Inp1: 2, 1, 5, 1, 9 Inp1: 2, 3, 1, 7, 9 Inp1: 2, 3, 1, 7, 9 Inp1: 2, 1, 5, 1, 9 Inp1: 2, 1, 5, 1, 9 Inp1: 2, 1, 5, 7, 9 Inp1: 2, 3, 1, 7, 9 Inp1: 2, 3, 1, 7, 9 Inp1: 2, 3, 1, 7, 9 Inp1: 3, 1 Inp2: 1, 2 Inp1: 2, 3, 1, 7, 1		Inn1: 5 5 5 5 5
Inp1: 5, 5, 1, 5, 5 Inp2: 5, 5, 5, 5, 5 Inp1: 5, 5, 5, 5, 5 Inp2: 1, 5, 5, 5, 5 Inp2: 1, 5, 5, 5, 5 Inp2: 2, 3, 5, 7, 9 Inp1: 2, 3, 5, 7, 9 Inp1: 2, 1, 5, 1, 9 Inp1: 2, 3, 1, 7, 9 Inp1: 2, 3, 1, 7, 9 Inp1: 2, 1, 5, 1, 9 Inp1: 2, 1, 5, 1, 9 Inp1: 2, 1, 5, 7, 9 Inp1: 2, 3, 1, 7, 9 Inp1: 3, 1 Inp2: 1, 2 Inp1: 2, 3, 1, 7, 1		Inp2: 5, 5, 1, 5, 5
Inp2: 5, 5, 5, 5, 5 Inp1: 5, 5, 5, 5, 5 Inp2: 1, 5, 5, 5, 5 Inp2: 1, 5, 5, 5, 5 Inp1: 1, 5, 5, 5, 5 Inp2: 5, 5, 5, 5, 5 Inp2: 5, 5, 5, 5, 5 Inp2: 5, 5, 5, 5, 5 Inp1: 2, 3, 5, 7, 9 Inp1: 2, 1, 5, 1, 9 Inp1: 2, 3, 1, 7, 9 Inp2: 2, 1, 5, 1, 9 Inp1: 2, 1, 5, 7, 9 Inp1: 2, 1, 5, 7, 9 Inp1: 3, 1 Inp2: 1, 2 Inp1: 2, 3, 1, 7, 1		
Inp1: 5, 5, 5, 5, 5 Inp2: 1, 5, 5, 5, 5 Inp1: 1, 5, 5, 5, 5 Inp2: 5, 5, 5, 5 Inp2: 5, 5, 5, 5 Inp1: 2, 3, 5, 7, 9 Inp1: 2, 3, 5, 7, 9 Inp1: 2, 1, 5, 1, 9 Inp2: 1, 3, 1, 7, 9 Inp1: 2, 3, 1, 7, 9 Inp1: 2, 1, 5, 7, 9 Inp1: 2, 1, 5, 7, 9 Inp1: 3, 1 Inp2: 1, 2 Inp1: 2, 3, 1, 7, 1		
Inp2: 1, 5, 5, 5, 5 Inp1: 1, 5, 5, 5, 5 Inp2: 5, 5, 5, 5, 5 Inp1: 2, 3, 5, 7, 9 Inp2: 2, 3, 5, 7, 9 Inp1: 2, 1, 5, 1, 9 Inp2: 1, 3, 1, 7, 9 Inp1: 2, 3, 5, 7, 9 Inp1: 2, 1, 5, 7, 9 Inp1: 2, 1, 5, 7, 9 Inp2: 2, 3, 1, 7, 9 Inp1: 3, 1 Inp2: 1, 2 Inp1: 2, 3, 1, 7, 1		
Inp2: 5, 5, 5, 5, 5 Inp1: 2, 3, 5, 7, 9 Inp2: 2, 3, 5, 7, 9 Inp1: 2, 1, 5, 1, 9 Inp2: 1, 3, 1, 7, 9 Inp2: 2, 1, 5, 1, 9 Inp2: 2, 1, 5, 1, 9 Inp1: 2, 1, 5, 7, 9 Inp1: 3, 1, 7, 9 Inp1: 2, 3, 1, 7, 1		Inp2: 1, 5, 5, 5, 5
Inp1: 2, 3, 5, 7, 9 Inp2: 2, 3, 5, 7, 9 Inp1: 2, 1, 5, 1, 9 Inp2: 1, 3, 1, 7, 9 Inp1: 2, 3, 1, 7, 9 Inp2: 2, 1, 5, 1, 9 Inp1: 2, 1, 5, 7, 9 Inp1: 2, 1, 5, 7, 9 Inp2: 2, 3, 1, 7, 9 Inp1: 3, 1 Inp2: 1, 2 Inp1: 2, 3, 1, 7, 1		
Inp2: 2, 3, 5, 7, 9 Inp1: 2, 1, 5, 1, 9 Inp2: 1, 3, 1, 7, 9 Inp1: 2, 3, 1, 7, 9 Inp2: 2, 1, 5, 1, 9 Inp1: 2, 1, 5, 7, 9 Inp2: 2, 3, 1, 7, 9 Inp1: 3, 1 Inp2: 1, 2 Inp1: 2, 3, 1, 7, 1		Inp2: 5, 5, 5, 5, 5
Inp1: 2, 1, 5, 1, 9 Inp2: 1, 3, 1, 7, 9 Inp1: 2, 3, 1, 7, 9 Inp2: 2, 1, 5, 1, 9 Inp1: 2, 1, 5, 7, 9 Inp2: 2, 3, 1, 7, 9 Inp1: 3, 1 Inp2: 1, 2 Inp1: 2, 3, 1, 7, 1		
Inp2: 1, 3, 1, 7, 9 Inp1: 2, 3, 1, 7, 9 Inp2: 2, 1, 5, 1, 9 Inp1: 2, 1, 5, 7, 9 Inp2: 2, 3, 1, 7, 9 Inp1: 3, 1 Inp2: 1, 2 Inp1: 2, 3, 1, 7, 1		Inp2: 2, 3, 5, 7, 9
Inp2: 2, 1, 5, 1, 9 Inp1: 2, 1, 5, 7, 9 Inp2: 2, 3, 1, 7, 9 Inp1: 3, 1 Inp2: 1, 2 Inp1: 2, 3, 1, 7, 1		Inp1: 2, 1, 5, 1, 9
Inp2: 2, 1, 5, 1, 9 Inp1: 2, 1, 5, 7, 9 Inp2: 2, 3, 1, 7, 9 Inp1: 3, 1 Inp2: 1, 2 Inp1: 2, 3, 1, 7, 1		Inp2: 1, 3, 1, 7, 9
Inp1: 2, 1, 5, 7, 9 Inp2: 2, 3, 1, 7, 9 Inp1: 3, 1 Inp2: 1, 2 Inp1: 2, 3, 1, 7, 1		InpT: 2, 3, 1, 7, 9
Inp2: 2, 3, 1, 7, 9 Inp1: 3, 1 Inp2: 1, 2 Inp1: 2, 3, 1, 7, 1		IIII) 2. 2, 1, 3, 1, 9
Inp1: 3, 1 Inp2: 1, 2 Inp1: 2, 3, 1, 7, 1		
Inp2: 1, 2 Inp1: 2, 3, 1, 7, 1		Inpt. 2, 3, 1, 7, 8
Inp1: 2, 3, 1, 7, 1		
Inp: 2, 3, 1, 1, 1		Inp1: 2, 3, 1, 7, 1
Ι ΙΙΙΔΕ. Δ. J. J. J.		Inp2: 2, 3, 5, 7, 9



Kernel name	Parameters
	Inp1: 2, 3, 5, 7, 9
	Inp2: 1, 3, 1, 7, 1
	Inp1: 1, 1, 2, 2, 2
	Inp2: 2, 2, 2
	Inp2: 2, 2, 2, 2, 2 Inp1: 2, 1, 1, 1, 3
	Inp2: 1, 2, 1, 1, 3
	Inp1: 6, 9, 7, 4
	Inp2: 6, 9, 7, 4
	Condition: 6, 9, 7, 4
	Inp1: 5, 4, 5, 9
	Inp1: 5, 4, 5, 9 Inp2: 5, 4, 5, 9
	Condition: 5, 4, 5, 9
	Inp1: 8, 10, 8, 9, 4
	Inp2: 8, 10, 8, 9, 4
	Condition: 8, 10, 8, 9, 4
	Inp1: 10, 4, 8, 5, 8
	Inp2: 10, 4, 8, 5, 8
	Condition: 10, 4, 8, 5, 8
	Inp1: 6, 5, 10, 4
	Inp2: 6, 5, 10, 4
	Condition: 6, 5, 10, 4
	Inp1: 9, 9, 6, 5
	Inp2: 9, 9, 6, 5
	Condition: 9, 9, 6, 5
	Inp1: 9, 9, 7, 10, 5
	Inp2: 9, 9, 7, 10, 5
	Condition: 9, 9, 7, 10, 5
	Inp1: 4, 5, 8, 7, 7
	Inp2: 4, 5, 8, 7, 7
xa_nn_elm_where_f32xf32_f32	Condition: 4, 5, 8, 7, 7
	Inp1: 4, 9, 6, 5
	Inp2: 4, 9, 6, 5
	Condition: 4, 9, 6, 5
	Inp1: 8, 10, 6, 7
	Inp2: 8, 10, 6, 7
	Condition: 8, 10, 6, 7
	Inp1: 8, 4, 5, 10, 5
	Inp2: 8, 4, 5, 10, 5
	Condition: 8, 4, 5, 10, 5
	Inp1: 4, 5, 6, 9
	Inp2: 4, 5, 6, 9
	Condition: 4, 5, 6, 9
	Inp1: 10, 9, 5, 9
	Inp2: 10, 9, 5, 9
	Condition: 10, 9, 5, 9
	Inp1: 4, 10, 8, 7
	Inp2: 4, 10, 8, 7
	Condition: 4, 10, 8, 7
	Inp1: 3, 2
	Inp1: 0, 2
	Condition: 3, 2
	Inp1: 4, 8, 2, 1



Kernel name	Parameters
	Inp2: 4, 8, 2, 1
	Condition: 4, 8, 2, 1
	Inp1: 3, 3, 1, 1
	Inp2: 3, 3, 1, 1
	Condition: 3, 3, 1, 1
	Inn1: 2 2 1 1
	Inp1: 3, 3, 1, 1
	Inp2: 3, 3, 1, 1
	Condition: 3, 3, 1, 1
	Inp1: 3, 2, 1, 2
	Inp2: 3, 2, 1, 2
	Condition: 3, 2, 1, 2
	Inp1: 8, 1, 1, 1
	Inp2: 8, 1, 1, 1
	Condition: 8, 1, 1, 1
	Inp1: 1, 1, 1, 1
	Inp2: 1, 1, 1, 1
	Condition: 1, 1, 1, 1
	Inp1: 2, 3, 1, 2, 4
	Inp2: 2, 3, 1, 2, 4
	Condition: 2, 3, 1, 2, 4
	Inp1: 1, 3, 2, 4
	Inp2: 1, 3, 2, 4
	Condition: 1, 3, 2, 4
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	Inp: 4, 1, 2, 1 Inp2: 4, 1, 2, 1
	Condition: 4, 1, 2, 1
	Inp1: 1, 3, 2, 1
	Inp2: 1, 3, 2, 1
	Condition: 1, 3, 2, 1
	Inp1: 4, 1, 1, 2
	Inp2: 4, 1, 1, 2
	Condition: 4, 1, 1, 2
	Inp1: 1, 3, 1, 2
	Inp2: 1, 3, 1, 2
	Condition: 1, 3, 1, 2
	Inp1: 1, 1, 8, 9
	Inp2: 1, 1, 8, 9
	Condition: 1, 1, 8, 9
	Inp1: 4, 1
	Inp2: 4, 1
	Condition: 4, 1
	Inp1: 5, 5, 5, 1, 1
	Inp2: 5, 5, 5, 25, 25
	Condition: 5, 5, 5, 25, 1
	Inp1: 5, 5, 1, 25, 1
	Inp2: 1, 1, 5, 25, 1
xa_nn_elm_where_broadcast_5D_f32xf32_f32	Condition: 1, 5, 1, 25, 1
	Inp1: 5, 5, 1, 1, 1
	Inp2: 1, 5, 5, 1, 1
	Condition: 5, 5, 5, 1, 1
	Inp1: 25, 25, 1, 25, 1
	Inp2: 25, 1, 25, 1, 1
	111pz. 20, 1, 20, 1, 1



Kernel name	Parameters
	Condition: 1, 25, 1, 1, 1
	Inp1: 1, 25, 5, 1, 25
	Inp2: 25, 1, 5, 1, 25
	Condition: 1, 25, 5, 1, 25
	Inp1: 25, 1, 25, 1, 1
	Inp2: 1, 1, 1, 1, 1
	Condition: 1, 1, 1, 1
	Inp1: 15, 10, 5, 30, 8
	Inp2: 15, 1, 5, 30, 8
	Condition: 15, 1, 5, 1, 8
	Inp1: 3, 12, 34, 8
	Inp2: 1, 1, 1, 1
	Condition: 1, 1, 1, 1
	Inp1: 1, 1, 1, 1
	Inp2: 3, 12, 34, 8
	Condition: 1, 1, 1, 1
	Inp1: 1, 1, 1, 1
	Inp2: 1, 1, 1, 1
	Condition: 3, 12, 34, 8
	Inp1: 92, 13, 1, 4, 2 Inp2: 92, 13, 4, 4, 2
	Condition: 92, 13, 4, 4, 2
	Inp1: 92, 13, 4, 1, 2
	Inp2: 92, 13, 1, 4, 2
	Condition: 92, 13, 4, 1, 2
	Inp1: 92, 13, 4, 1, 2
	Inp2: 92, 13, 4, 1, 2
	Condition: 92, 13, 1, 4, 2
	Inp1: 1, 1, 38, 1
	Inp2: 1, 1, 38, 45
	Condition: 1, 12, 38, 1
	Inp1: 1, 1, 38, 45
	Inp2: 1, 1, 38, 1
	Condition: 1, 12, 38, 1
	Inp1: 1, 1, 38, 1
	Inp2: 1, 12, 38, 1
	Condition: 1, 1, 38, 45 Inp1: 98, 1, 5, 48
	Inp2: 1, 2, 1, 1
	Condition: 98, 1, 5, 48
	Inp1: 98, 1, 5, 48
	Inp2: 98, 1, 5, 48
	Condition: 1, 2, 1, 1
	Inp1: 1, 2, 1, 1
	Inp2: 98, 1, 5, 48
	Condition: 98, 1, 5, 48
	Inp1: 66, 1, 6, 3
	Inp2: 1, 55, 6, 3
	Condition: 66, 55, 6, 3
	Inp1: 1, 1, 1, 1
	Inp2: 1, 1, 1, 1
	Condition: 1, 1, 1, 1



Kernel name	Parameters
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	Inp2: 2, 2, 3, 2
	Condition: 2, 2, 3, 2
	Inp1: 1, 1, 1, 1
	Inp2: 3, 2, 3, 1
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	Inp2: 3, 2, 3, 1
	Condition: 3, 2, 3, 2
	Inp1: 1, 1, 1, 1
	Inp2: 3, 2, 1, 1
	Condition: 3, 2, 1, 1
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	Inp2: 3, 1, 1, 1
	Condition: 3, 1, 1, 1
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	Inp1: 1, 1, 1, 2
	Inp2: 2, 3, 2, 2
	Condition: 2, 3, 2, 2
	Inp1: 1, 1, 2, 1
	Inp2: 2, 3, 2, 2
	Condition: 2, 3, 2, 2
	Inp1: 1, 3, 1, 1
	Inp2: 2, 3, 2, 2
	Condition: 2, 3, 2, 2
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	Inp2: 2, 3, 2, 2
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	Condition: 3, 2, 2, 1
	Inp1: 3, 2, 2, 1
	Inp2: 3, 2, 2, 1
	Condition: 3, 1, 1, 1
	Inp1: 1
	Inp2: 2
	Condition: 2
	Inp1: 4
	Inp2: 1
	Condition: 4
	Inp1: 1, 1, 1, 1
	Inp2: 1, 1, 1, 1
	Condition: 3, 2, 3, 1
	Inp1: 1, 1, 1, 1
	Inp2: 1, 1, 1, 1
	Condition: 3, 2, 1, 3
	Inp1: 1, 1, 1, 1
	Inp2: 1, 1, 1, 1
	Condition: 3, 1, 2, 3
	Inp1: 1, 1, 1, 1



Kernel name	Parameters
	Inp2: 1, 1, 1, 1
	Condition: 1, 3, 2, 3
	Inp1: 1, 1, 1, 1
	Inp2: 1, 1, 1, 1
	Condition: 3, 4, 2, 3
	Inp1: 1, 1, 1, 1
	Inp2: 1, 1, 1, 1
	Condition: 3, 4, 1, 1
	Inp1: 1, 1, 1, 1
	Inp2: 1, 1, 1, 1
	Condition: 3, 1, 1, 1
	Inp1: 2, 2, 1, 3
	Inp2: 2, 1, 2, 3
	Condition: 1, 1, 1, 1
	Inp1: 2, 2, 2, 3
	Inp2: 2, 2, 1, 1
	Condition: 1, 1, 1, 3
	Inp1: 2, 2, 2, 1
	Inp2: 2, 2, 1, 3
	Condition: 1, 1, 1, 1
	Inp1: 2, 2, 2, 1
	Inp2: 1, 2, 2, 2
	Condition: 1, 1, 1, 1
	Inp1: 1, 2, 2, 2
	Inp2: 2, 1, 2, 2
	Condition: 1, 1, 1, 1
	Inp1: 2, 2, 2, 1
	Inp2: 2, 1, 2, 2
	Condition: 1, 1, 1, 1
	Inp1: 1, 2, 2, 2
	Inp2: 2, 2, 1, 2
	Condition: 1, 1, 1, 1
	Inp1: 2, 1, 2, 2
	Inp2: 2, 2, 1, 2
	Condition: 1, 1, 1, 1
	Inp1: 1, 2, 2, 2
	Inp2: 2, 2, 2, 1
	Condition: 1, 1, 1, 1
	Inp1: 2, 1, 2, 2
	Inp2: 2, 2, 2, 1
	Condition: 1, 1, 1, 1
	Inp1: 1, 1, 1, 3
	Inp2: 1, 1, 1, 3
	Condition: 3, 2, 2, 3
	Inp1: 1, 1, 2, 3
	Inp2: 1, 1, 2, 3
	Condition: 3, 2, 2, 3
	Inp1: 1, 2, 1, 3
	Inp2: 1, 2, 1, 3
	Condition: 3, 2, 2, 3 Inp1: 3, 1, 1, 3
	Inp1: 3, 1, 1, 3
	Inp2: 3, 1, 1, 3



Kernel name	Parameters
	Condition: 3, 2, 2, 3
	Inp1: 1, 2, 2, 1
	Inp2: 1, 2, 2, 1
	Condition: 3, 2, 2, 3
	Inp1: 3, 1, 2, 1
	Inp2: 3, 1, 2, 1
	Condition: 3, 2, 2, 3
	Inp1: 3, 2, 1, 1
	Inp2: 3, 2, 1, 1
	Condition: 3, 2, 2, 3
	Inp1: 1, 2, 1, 3
	Inp2: 3, 1, 2, 1
	Condition: 1, 1, 1, 1
	Inp1: 2, 1, 2, 3
	Inp2: 1, 3, 1, 1
	Condition: 1, 1, 1, 1 Inp1: 2, 1, 2, 1
	Inpl. 2, 1, 2, 1 Inp2: 1, 3, 1, 3
	Condition: 1, 1, 1, 1
	Inp1: 2, 1, 2, 3
	Inp2: 1, 3, 2, 3
	Condition: 1, 1, 1, 1
	Inp1: 2, 3, 1, 3
	Inp2: 1, 3, 2, 3
	Condition: 1, 1, 1, 1
	Inp1: 2, 2, 1, 2
	Inp2: 2, 2, 2, 1
	Condition: 1, 1, 1, 1
	Inp1: 2, 2, 2, 2
	Inp2: 1, 2, 1, 1
	Condition: 1, 1, 1, 1 Inp1: 2, 2, 1, 2
	Inp2: 1, 2, 2, 1
	Condition: 1, 1, 1, 1
	Inp1: 1, 2, 2, 2
	Inp2: 1, 2, 2, 1
	Condition: 1, 1, 1, 1
	Inp1: 2, 1, 2, 2
	Inp2: 1, 2, 2, 1
	Condition: 1, 1, 1, 1
	Inp1: 2, 2, 1, 2
	Inp2: 1, 2, 2, 1
	Condition: 1, 1, 1, 1
	Inp1: 2, 2, 2, 1
	Inp2: 1, 2, 2, 1
	Condition: 1, 1, 1, 1 Inp1: 2, 2, 2, 1
	Inpl. 2, 2, 2, 1 Inp2: 1, 2, 1, 2
	Condition: 1, 1, 1, 1
	Inp1: 2, 2, 1, 2
	Inp2: 1, 2, 1, 2
	Condition: 1, 1, 1, 1



Inp1: 2, 1, 2, 2 Inp2: 1, 2, 1, 2 Condition: 1, 1, 1 Inp1: 1, 2, 2, 2 Inp2: 1, 2, 1, 2 Condition: 1, 1, 1 Inp1: 2, 1, 2 Inp2: 1, 1, 2 Condition: 1, 1, 1 Inp1: 2, 2, 2 Inp2: 1, 1, 2 Condition: 1, 1, 1 Inp1: 2, 2, 2 Inp2: 1, 1, 2 Condition: 1, 1, 1 Inp1: 2, 2, 2, 1 Inp2: 1, 1, 2 Condition: 1, 1, 1 Inp1: 2, 2, 2, 1 Inp2: 2, 1, 1 Inp1: 2, 2, 2, 1 Inp2: 2, 1, 1 Inp1: 2, 2, 2, 1 Inp2: 2, 1, 2 Condition: 1, 1, 1 Inp1: 2, 2, 2 Inp2: 2, 1, 1, 2 Condition: 1, 1, 1, 1 Inp1: 2, 2, 2 Inp2: 2, 1, 1, 2 Condition: 1, 1, 1 Inp1: 1, 2, 2 Inp2: 2, 1, 1, 2 Condition: 1, 1, 1, 1 Inp1: 1, 2, 2 Inp2: 2, 1, 2 Condition: 1, 1, 1 Inp1: 1, 2, 2 Inp2: 2, 1, 2 Condition: 1, 1, 1 Inp1: 1, 2, 2 Inp2: 2, 1, 2 Condition: 1, 1, 1 Inp1: 1, 2, 2 Inp2: 2, 1, 2 Condition: 1, 1, 1 Inp1: 2, 2, 2 Inp2: 2, 1, 2 Condition: 1, 1, 1 Inp1: 2, 2, 2 Inp2: 2, 1, 2 Condition: 1, 1, 1 Inp1: 2, 2, 2 Inp2: 2, 1, 2 Condition: 1, 1, 1 Inp1: 2, 2, 2 Inp2: 2, 1, 2 Condition: 1, 1, 1 Inp1: 2, 2, 2 Inp2: 2, 1, 2 Inp2: 2, 1, 2 Inp2: 2, 2, 1 Inp2: 2, 2, 2 Inp2: 2, 1, 1 Condition: 1, 1, 1	Kernel name	Parameters
Inp2: 1, 2, 1, 2 Condition: 1, 1, 1 Inp1: 1, 2, 2 Inp2: 1, 2, 1, 2 Inp2: 1, 2, 1, 2 Condition: 1, 1, 1, 1 Inp1: 2, 1, 2, 2 Inp2: 1, 1, 2, 2 Inp2: 1, 1, 2, 2 Condition: 1, 1, 1, 1 Inp1: 2, 2, 1, 2 Inp2: 1, 1, 2, 2 Condition: 1, 1, 1, 1 Inp1: 2, 2, 1, 1 Inp2: 2, 2, 1 Inp2: 1, 1, 2, 2 Condition: 1, 1, 1, 1 Inp1: 2, 2, 2, 1 Inp2: 1, 1, 2 Condition: 1, 1, 1, 1 Inp1: 2, 2, 1 Inp2: 2, 1, 1, 2 Condition: 1, 1, 1, 1 Inp1: 2, 2, 2, 1 Inp2: 2, 1, 1, 2 Condition: 1, 1, 1, 1 Inp1: 2, 2, 2 Inp2: 2, 1, 1, 2 Condition: 1, 1, 1, 1 Inp1: 1, 2, 2 Inp2: 2, 1, 1, 2 Condition: 1, 1, 1, 1 Inp1: 1, 2, 2, 2 Inp2: 2, 1, 1, 2 Condition: 1, 1, 1, 1 Inp1: 1, 2, 2, 2 Inp2: 2, 1, 2 Condition: 1, 1, 1, 1 Inp1: 1, 2, 2, 2 Inp2: 2, 1, 2 Condition: 1, 1, 1, 1 Inp1: 1, 2, 2, 2 Inp2: 2, 1, 2 Condition: 1, 1, 1, 1 Inp1: 1, 2, 2, 2 Inp2: 2, 1, 2, 1 Condition: 1, 1, 1, 1 Inp1: 2, 2, 2 Inp2: 2, 1, 2 Inp2: 2, 2, 1 Inp1: 2, 2, 2 Inp2: 2, 2, 1 Inp1: 2, 2, 1 Inp1: 2, 2, 1 Inp1: 2, 2, 2 Inp2: 2, 1, 1 Condition: 1, 1, 1, 1 Inp1: 2, 2, 1, 2 Inp2: 2, 2, 1 Inp2: 2, 2, 1 Inp2: 2, 2, 1 Inp1: 2, 2, 2, 1 Inp2: 2, 2, 1 Inp1: 2, 2, 2, 1 Inp2: 2, 2, 1, 1 Condition: 1, 1, 1, 1 Inp1: 2, 2, 2, 1 Inp2: 2, 2, 1, 1 Condition: 1, 1, 1, 1 Inp1: 2, 2, 2, 1 Inp2: 2, 2, 1, 1 Condition: 1, 1, 1, 1 Inp1: 2, 2, 2, 1 Inp2: 2, 2, 1, 1 Condition: 1, 1, 1, 1 Inp1: 2, 2, 2, 1 Inp2: 2, 2, 1, 1 Condition: 1, 1, 1, 1		
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Ing2: 1, 2, 1, 2 Condition: 1, 1, 1 Ing1: 2, 1, 2, 2 Ing2: 1, 1, 2, 2 Ing2: 1, 1, 2, 2 Condition: 1, 1, 1, 1 Ing1: 2, 2, 1, 2 Ing2: 1, 1, 2, 2 Condition: 1, 1, 1, 1 Ing1: 2, 2, 2, 1 Ing2: 1, 1, 2, 2 Condition: 1, 1, 1, 1 Ing1: 2, 2, 2, 1 Ing2: 1, 1, 2 Condition: 1, 1, 1, 1 Ing1: 2, 2, 1, 1 Ing1: 2, 2, 1, 2 Condition: 1, 1, 1, 1 Ing1: 2, 2, 1, 2 Condition: 1, 1, 1, 1 Ing1: 2, 2, 2 Ing2: 2, 1, 1, 2 Condition: 1, 1, 1, 1 Ing1: 1, 2, 2 Ing2: 2, 1, 2 Condition: 1, 1, 1, 1 Ing1: 1, 2, 2 Ing2: 2, 1, 2 Condition: 1, 1, 1, 1 Ing1: 1, 2, 2 Ing2: 2, 1, 2 Condition: 1, 1, 1, 1 Ing1: 1, 2, 2 Ing2: 2, 1, 2 Ing2: 2, 1, 2 Ing2: 2, 1, 2 Ing1: 1, 2, 2 Ing2: 2, 1, 2 Ing2: 2, 1, 2 Ing1: 2, 2, 2 Ing2: 2, 1, 2 Ing1: 2, 2, 2 Ing2: 2, 1, 2 Ing1: 2, 2, 1 Ing1: 2, 2, 2 Ing2: 2, 1, 2 Ing1: 2, 2, 1 Ing1: 2, 2, 2 Ing2: 2, 1, 2 Ing1: 2, 2, 1 Ing1: 2, 2, 1 Ing2: 2, 1, 2 Ing2: 2, 1, 2 Ing2: 2, 1, 1 Ing1: 2, 2, 1 Ing2: 2, 2, 1 Ing2: 2, 1, 1 Ing1: 2, 2, 2, 1 Ing2: 2, 2, 1, 1 Ing1: 2, 2, 1, 1 Ing1: 2, 2, 1, 1 Ing1: 2, 2, 2, 1 Ing2: 2, 2, 1, 1 Ing1: 2, 2, 2, 1 Ing2: 2, 2, 1, 1 Ing1: 2, 2, 2, 1 Ing2: 2, 2, 1, 1 Ing1: 2, 2, 2, 1 Ing2: 2, 2, 1, 1 Ing1: 2, 2, 2, 1 Ing2: 2, 2, 1, 1 Ing1: 2, 2, 2, 1 Ing2: 2, 2, 1 Ing2: 2, 2, 1, 1 Ing1: 2, 2, 2, 1 Ing2: 2, 2, 1, 1 Ing1: 2, 2, 2, 1 Ing2: 2, 2, 1, 1 Ing1: 2, 2, 2, 1 Ing2:		Inp1: 1, 2, 2, 2
Condition: 1, 1, 1, 1 Inp1: 2, 1, 2, 2 Inp2: 1, 1, 2, 2 Condition: 1, 1, 1 Inp1: 2, 2, 1, 2 Inp2: 1, 1, 2, 2 Condition: 1, 1, 1 Inp1: 2, 2, 1 Inp2: 2, 1, 1, 2 Condition: 1, 1, 1, 1 Inp1: 2, 2, 1 Inp2: 2, 1, 1, 2 Condition: 1, 1, 1, 1 Inp1: 2, 2, 2, 1 Inp2: 2, 1, 1, 2 Condition: 1, 1, 1, 1 Inp1: 2, 2, 2 Inp2: 2, 1, 1, 2 Condition: 1, 1, 1, 1 Inp1: 1, 2, 2 Inp2: 2, 1, 1, 2 Condition: 1, 1, 1, 1 Inp1: 1, 2, 2 Inp2: 2, 1, 2 Inp2: 2, 1, 2 Condition: 1, 1, 1, 1 Inp1: 1, 2, 2 Inp2: 2, 1, 2 Condition: 1, 1, 1, 1 Inp1: 2, 2, 2 Inp2: 2, 1, 2 Condition: 1, 1, 1, 1 Inp1: 2, 2, 2 Inp2: 2, 1, 2 Condition: 1, 1, 1, 1 Inp1: 2, 2, 2 Inp2: 2, 1, 2 Condition: 1, 1, 1, 1 Inp1: 2, 2, 2 Inp2: 2, 1, 2 Condition: 1, 1, 1, 1 Inp1: 2, 2, 2 Inp2: 2, 1, 2 Condition: 1, 1, 1, 1 Inp1: 2, 2, 2, 1 Inp2: 2, 1, 2 Condition: 1, 1, 1, 1 Inp1: 2, 2, 2, 1 Inp2: 2, 2, 1 Condition: 1, 1, 1, 1 Inp1: 2, 2, 2, 1 Inp2: 2, 2, 1 Condition: 1, 1, 1, 1 Inp1: 2, 2, 2, 1 Inp2: 2, 2, 1 Condition: 1, 1, 1, 1 Inp1: 2, 2, 2, 1 Inp2: 2, 2, 1 Condition: 1, 1, 1, 1 Inp1: 2, 2, 1, 1 Condition: 1, 1, 1, 1 Inp1: 2, 2, 1, 1 Condition: 1, 1, 1, 1 Inp1: 2, 2, 1, 1 Condition: 1, 1, 1, 1 Inp1: 2, 2, 1, 1 Condition: 1, 1, 1, 1		
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Inp2: 1, 1, 2, 2 Condition: 1, 1, 1 Inp1: 2, 2, 1, 2 Inp2: 1, 1, 2, 2 Condition: 1, 1, 1 Inp1: 2, 2, 2, 1 Inp2: 1, 1, 2, 2 Condition: 1, 1, 1 Inp1: 2, 2, 2, 1 Inp2: 1, 1, 2, 2 Condition: 1, 1, 1 Inp1: 2, 2, 2, 1 Inp2: 2, 1, 1, 2 Condition: 1, 1, 1 Inp1: 2, 1, 2 Inp2: 2, 1, 1, 2 Condition: 1, 1, 1 Inp1: 2, 1, 2 Inp2: 2, 1, 1, 2 Condition: 1, 1, 1 Inp1: 1, 2, 2, 2 Inp2: 2, 1, 1, 2 Condition: 1, 1, 1 Inp1: 1, 2, 2, 2 Inp2: 2, 1, 1, 2 Condition: 1, 1, 1 Inp1: 1, 2, 2, 2 Inp2: 2, 1, 2, 2 Inp2: 2, 1, 2, 2 Inp2: 2, 1, 2, 1 Condition: 1, 1, 1 Inp1: 2, 2, 2 Inp2: 1, 1, 2 Condition: 1, 1, 1 Inp1: 2, 2, 2, 2 Inp2: 2, 1, 2, 1 Condition: 1, 1, 1 Inp1: 2, 2, 2, 1 Inp2: 2, 1, 2, 2 Inp2: 2, 1, 2, 1 Inp1: 2, 2, 2, 1 Inp2: 2, 2, 2, 1 Inp2: 2, 2, 2, 1 Inp2: 2, 2, 1 Inp1: 2, 2, 2, 1 Inp1: 2, 2, 2, 2 Inp2: 2, 2, 1 Inp1: 2, 2, 2, 1 Inp1: 2, 2, 2, 2 Inp2: 2, 2, 1 Inp1: 2, 2, 2, 2 Inp2: 2, 2, 1 Inp1: 2, 2, 2, 2 Inp2: 2, 2, 1 Inp1: 2, 2, 2, 2 Inp2: 2, 2, 1 Inp1: 2, 2, 2, 2 Inp2: 2, 2, 1 Inp1: 2, 2, 2, 2 Inp2: 2, 2, 1 Inp1: 2, 2, 2, 2 Inp2: 2, 2, 1 Inp1: 2, 2, 2, 2 Inp2: 2, 2, 1 Inp1: 2, 2, 2, 2 Inp2: 2, 2, 1 Inp1: 2, 2, 2, 2 Inp2: 2, 2, 1 Inp1: 2, 2, 2, 2 Inp2: 2, 2, 1 Inp1: 2, 2, 2, 2 Inp2: 2, 2, 1 Inp1: 2, 2, 2, 2 Inp2: 2, 2, 1 Inp1: 2, 2, 2, 2 Inp2: 2, 2, 1 Inp1: 2, 2, 2, 2 Inp1: 2, 2, 2 Inp1: 2, 2, 2 Inp1: 2, 2, 2, 2 Inp1: 2, 2 Inp1		
Condition: 1, 1, 1, 1 Inp1: 2, 2, 1, 2 Inp2: 1, 1, 2, 2 Condition: 1, 1, 1, 1 Inp1: 2, 2, 2, 1 Inp2: 1, 1, 2, 2 Condition: 1, 1, 1, 1 Inp1: 2, 2, 2, 1 Inp2: 2, 1, 1, 2 Condition: 1, 1, 1, 1 Inp1: 2, 2, 2, 1 Inp2: 2, 1, 1, 2 Condition: 1, 1, 1, 1 Inp1: 2, 2, 1, 2 Inp2: 2, 1, 1, 2 Condition: 1, 1, 1, 1 Inp1: 2, 1, 2, 2 Inp2: 2, 1, 1, 2 Condition: 1, 1, 1, 1 Inp1: 1, 2, 2, 2 Inp2: 2, 1, 2 Condition: 1, 1, 1, 1 Inp1: 1, 2, 2, 2 Inp2: 2, 1, 2, 2 Inp2: 2, 1, 2, 2 Condition: 1, 1, 1, 1 Inp1: 1, 2, 2, 2 Inp2: 1, 1, 2, 2 Condition: 1, 1, 1, 1 Inp1: 2, 2, 2 Inp2: 2, 1, 2, 1 Condition: 1, 1, 1, 1 Inp1: 2, 2, 2, 1 Inp1: 2, 2, 1, 2 Inp2: 2, 2, 1, 1 Condition: 1, 1, 1 Inp1: 2, 2, 2, 1 Inp1: 2, 2, 1, 2 Inp2: 2, 2, 1, 1 Condition: 1, 1, 1		
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Condition: 1, 1, 1, 1 Inp1: 2, 2, 2, 1 Inp2: 2, 1, 2, 1 Condition: 1, 1, 1, 1 Inp1: 2, 2, 2, 1 Inp2: 2, 2, 1, 1 Condition: 1, 1, 1, 1 Inp1: 2, 2, 1, 2 Inp2: 2, 2, 1, 1 Condition: 1, 1, 1, 1 Inp1: 2, 2, 1, 2 Inp1: 2, 2, 1, 2 Inp2: 2, 2, 1, 1 Condition: 1, 1, 1, 1		
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Condition: 1, 1, 1, 1 Inp1: 2, 2, 2, 1 Inp2: 2, 2, 1, 1 Condition: 1, 1, 1, 1 Inp1: 2, 2, 1, 2 Inp2: 2, 2, 1, 1 Condition: 1, 1, 1, 1 Inp1: 2, 2, 1, 2 Inp2: 2, 2, 1, 1 Condition: 1, 1, 1, 1 Condition: 1, 1, 1, 1		Inp1: 2, 2, 2, 1
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Inp2: 2, 2, 1, 1 Condition: 1, 1, 1, 1 Inp1: 2, 2, 1, 2 Inp2: 2, 2, 1, 1 Condition: 1, 1, 1, 1 Inp1: 2, 2, 1, 2 Inp2: 2, 2, 1, 1 Condition: 1, 1, 1, 1		Condition: 1, 1, 1, 1
Condition: 1, 1, 1, 1 Inp1: 2, 2, 1, 2 Inp2: 2, 2, 1, 1 Condition: 1, 1, 1, 1 Inp1: 2, 2, 1, 2 Inp2: 2, 2, 1, 1 Condition: 1, 1, 1, 1		Inp1: 2, 2, 2, 1
Inp1: 2, 2, 1, 2 Inp2: 2, 2, 1, 1 Condition: 1, 1, 1, 1 Inp1: 2, 2, 1, 2 Inp2: 2, 2, 1, 1 Condition: 1, 1, 1, 1		Inp2: 2, 2, 1, 1
Inp2: 2, 2, 1, 1 Condition: 1, 1, 1, 1 Inp1: 2, 2, 1, 2 Inp2: 2, 2, 1, 1 Condition: 1, 1, 1, 1		
Condition: 1, 1, 1, 1 Inp1: 2, 2, 1, 2 Inp2: 2, 2, 1, 1 Condition: 1, 1, 1, 1		
Inp1: 2, 2, 1, 2 Inp2: 2, 2, 1, 1 Condition: 1, 1, 1, 1		
Inp2: 2, 2, 1, 1 Condition: 1, 1, 1, 1		
Condition: 1, 1, 1, 1		Inp1: 2, 2, 1, 2
Inp1: 2, 1, 2, 2		
		Inp1: 2, 1, 2, 2



Kernel name	Parameters
	Inp2: 2, 2, 1, 1
	Condition: 1, 1, 1, 1
	Inp1: 2, 2, 2, 2
	Inp2: 1, 2, 1, 1
	Condition: 1, 1, 1, 1
	Inp1: 1, 2, 2, 2
	Inp2: 2, 2, 1, 1
	Condition: 1, 1, 1, 1
	Inp1: 2, 2, 1, 2
	Inp2: 1, 1, 3, 1
	Condition: 2, 2, 1, 2
	Inp1: 2, 2, 3, 2
	Inp2: 1, 1, 1, 1
	Condition: 2, 2, 3, 2
	Inp1: 2, 2, 3, 2
	Inp2: 2, 2, 3, 2
	Condition: 1, 1, 1, 1
	Inp1: 3, 2, 3, 1
	Inp1: 0, 2, 3, 1 Inp2: 1, 1, 1, 1
	Condition: 3, 2, 3, 1
	Inp1: 3, 2, 3, 1
	Inp1: 3, 2, 3, 1 Inp2: 3, 2, 3, 1
	Condition: 1, 1, 1, 1
	Inp1: 3, 1, 1, 1
	Inp2: 3, 1, 1, 1
	Condition: 1, 1, 1
	Inp1: 3, 1, 1, 1
	Inp1: 0, 1, 1, 1
	Condition: 3, 1, 1, 1
	Inp1: 2, 3, 2, 2
	Inp2: 1, 1, 1, 2
	Condition: 2, 3, 2, 2
	Inp1: 2, 3, 2, 2
	Inp2: 2, 3, 2, 2
	Condition: 1, 1, 1, 2
	Inp1: 2, 3, 2, 2
	Inp2: 1, 1, 2, 1
	Condition: 2, 3, 2, 2
	Inp1: 2, 3, 2, 2
	Inp2: 2, 3, 2, 2
	Condition: 1, 1, 2, 1
	Inp1: 2, 3, 2, 2
	Inp2: 1, 3, 1, 1
	Condition: 2, 3, 2, 2
	Inp1: 2, 3, 2, 2
	Inp2: 2, 3, 2, 2
	Condition: 1, 3, 1, 1
	Inp1: 2, 3, 2, 2
	Inp2: 2, 1, 1, 1
	Condition: 2, 3, 2, 2
	Inp1: 2, 3, 2, 2
	Inp2: 2, 3, 2, 2
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Kernel name	Parameters
	Condition: 2, 1, 1, 1
	Inp1: 3, 2, 3, 1
	Inp2: 1, 1, 1, 1
	Condition: 1, 1, 1, 1
	Inp1: 1, 2, 3, 1
	Inp2: 311, 1, 1, 1
	Condition: 1, 1, 1, 3
	Inp1: 1, 1, 1, 1
	Inp2: 3, 2, 3, 1
	Condition: 1, 1, 1, 1
	Inp1: 3, 2, 1, 3
	Inp2: 1, 1, 1, 1
	Condition: 1, 1, 1, 1
	Inp1: 1, 1, 1, 1
	Inp2: 3, 2, 1, 3
	Condition: 1, 1, 1, 1
	Inp1: 3, 1, 2, 3
	Inp2: 1, 1, 1, 1
	Condition: 1, 1, 1, 1
	Inp1: 1, 1, 1, 1 Inp2: 3, 1, 2, 3
	Condition: 1, 1, 1, 1
	Inp1: 1, 1, 1, 1
	Inp2: 1, 3, 2, 3
	Condition: 1, 1, 1, 1
	Inp1: 1, 3, 2, 3
	Inp2: 1, 1, 1, 1
	Condition: 1, 1, 1, 1
	Inp1: 1, 1, 1, 1
	Inp2: 3, 4, 2, 3
	Condition: 1, 1, 1, 1
	Inp1: 1, 1, 2, 3
	Inp2: 3, 2, 2, 3
	Condition: 1, 1, 2, 3
	Inp1: 3, 2, 2, 3
	Inp2: 1, 2, 1, 3
	Condition: 1, 2, 1, 3 Inp1: 1, 2, 1, 3
	Inp2: 3, 2, 2, 3
	Condition: 1, 2, 1, 3
	Inp1: 3, 2, 2, 3
	Inp2: 1, 1, 1, 1
	Condition: 1, 1, 1, 1
	Inp1: 1, 1, 1, 1
	Inp2: 3, 4, 1, 1
	Condition: 1, 1, 1, 1
	Inp1: 3, 4, 1, 1
	Inp2: 1, 1, 1, 1
	Condition: 1, 1, 1, 1
	Inp1: 3, 1, 1, 1
	Inp2: 1, 1, 1, 1
	Condition: 1, 1, 1, 1



Kernel name	Parameters
	Inp1: 1, 1, 1, 1
	Inp2: 3, 1, 1, 1
	Condition: 1, 1, 1, 1
	Inp1: 3, 2, 2, 3
	Inp2: 1, 1, 1, 3
	Condition: 1, 1, 1, 3
	Inp1: 1, 1, 1, 3
	Inp2: 3, 2, 2, 3
	Condition: 1, 1, 1, 3
	Inp1: 3, 2, 2, 3
	Inp2: 1, 1, 2, 3
	Condition: 1, 1, 2, 3
	Inp1: 1, 2, 2, 1
	Inp2: 1, 1, 1, 1
	Condition: 2, 2, 1, 2
	Inp1: 3, 2, 2, 3
	Inp2: 1, 1, 2, 3
	Condition: 1, 1, 2, 3
	Inp1: 1, 1, 2, 3
	Inp2: 3, 2, 2, 3
	Condition: 1, 1, 2, 3
	Inp1: 3, 2, 2, 3
	Inp2: 1, 2, 1, 3
	Condition: 1, 2, 1, 3
	Inp1: 1, 2, 1, 3
	Inp2: 3, 2, 2, 3
	Condition: 1, 2, 1, 3
	Inp1: 3, 2, 2, 3
	Inp2: 3, 1, 1, 3
	Condition: 3, 1, 1, 3
	Inp1: 1, 5, 5, 1, 25
	Inp2: 5, 1, 5, 1, 25
	Condition: 1, 5, 5, 1, 25
	Inp1: 5, 5, 5, 25, 1
	Inp2: 1, 5, 5, 1, 25
	Condition: 1, 5, 5, 1, 25
	Inp1: 5, 1, 25, 1, 25
	Inp2: 1, 5, 1, 25, 1
	Condition: 5, 1, 25, 1, 1
	Inp1: 1, 1, 5, 1, 25
	Inp2: 1, 1, 5, 25, 1
	Condition: 5, 5, 1, 1, 1
	Inp1: 3
	Inp2: 1
	Condition: 3
	Inp1: 1
	Inp2: 1
	Condition: 1
	Inp1: 2, 1
	Inp2: 1, 2
	Condition: 2, 1
	Inp1: 2, 1
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Kernel name	Parameters
	Inp2: 2, 1
	Condition: 2, 1
	Inp1: 1, 1
	Inp2: 1, 1
	Condition: 1, 1
	Inp1: 2, 2
	Inp2: 1, 2
	Condition: 2, 1
	Inp1: 3, 2, 1
	Inp2: 3, 2, 1
	Condition: 1, 2, 1
	Inp1: 2, 1, 2
	Inp2: 2, 1, 2
	Condition: 1, 1, 1
	Inp1: 5, 5, 5, 1, 5
	Inp2: 5, 5, 1, 1, 1
	Condition: 5, 1, 5, 1, 5
	Inp1: 5, 1, 5, 5, 1
	Inp2: 1, 1, 1, 1, 5
	Condition: 5, 1, 5, 5, 1
	Inp1: 3, 1, 1, 3
	Inp2: 3, 2, 2, 3
	Condition: 3, 1, 1, 3
	Inp1: 3, 2, 1, 1
	Inp2: 3, 2, 1, 1
	Condition: 3, 2, 1, 1
	Inp1: 3, 1, 1, 1
	Inp2: 3, 1, 1, 1
	Condition: 3, 1, 1, 1 Inp1: 3, 2, 2, 3
	Inp1: 3, 2, 2, 3 Inp2: 1, 2, 2, 1
	Condition: 1, 2, 2, 1
	Inp1: 1, 2, 2, 2
	Inp2: 3, 2, 2, 2
	Condition: 1, 2, 2, 2
	Inp1: 1, 2, 2, 1
	Inp2: 3, 2, 2, 1
	Condition: 1, 2, 2, 1
	Inp1: 3, 2, 2, 3
	Inp2: 3, 1, 2, 1
	Condition: 3, 1, 2, 1
	Inp1: 3, 1, 2, 1
	Inp2: 3, 2, 2, 3
	Condition: 3, 1, 2, 1
	Inp1: 3, 2, 2, 3
	Inp2: 3, 2, 1, 1
	Condition: 3, 2, 1, 1
	Inp1: 1, 2, 2, 1
	Inp2: 1, 1, 1, 1
	Condition: 2, 1, 2, 2
	Inp1: 1, 2, 1, 1
	Inp2: 2, 2, 2, 1



Kernel name	Parameters
	Condition: 1, 2, 1, 2
	331141143111 1, 2, 1, 2
	Inp1: 1, 1, 1, 2
	Inp2: 3, 1, 1, 1
	Condition: 1, 1, 1, 1
	Inp1: 1, 2, 2, 1
	Inp2: 2, 2, 1, 2
	Condition: 1, 1, 1, 1
	Inp1: 1, 1, 1, 1
	Inp2: 1, 2, 2, 1
	Condition: 2, 2, 1, 2
	Inp1: 1, 1, 1, 1
	Inp2: 2, 2, 1, 2
	Condition: 1, 2, 2, 1
	Inp1: 2, 2, 1, 1
	Inp2: 1, 1, 1, 2
	Condition: 1, 2, 2, 1
	Inp1: 2, 2, 1, 2
	Inp1: 2, 2, 1, 2 Inp2: 1, 1, 1, 1
	Condition: 1, 2, 2, 1
	Inp1: 1, 1, 2, 1
	Inp2: 2, 2, 1, 1
	Condition: 2, 2, 1, 1
	Inp1: 1, 2, 2, 1
	Inp2: 2, 2, 2, 1
	Condition: 1, 1, 1, 1
	Inp1: 1, 1, 1, 1
	Inp2: 1, 2, 2, 1
	Condition: 2, 2, 2, 1
	Inp1: 1, 1, 1, 1
	Inp2: 2, 2, 2, 1
	Condition: 1, 2, 2, 1
	Inp1: 1, 2, 1, 2
	Inp2: 2, 2, 2, 1
	Condition: 1, 1, 1, 1
	Inp1: 1, 1, 1, 1
	Inp2: 1, 2, 1, 2
	Condition: 2, 2, 2, 1
	Inp1: 1, 1, 1, 1
	Inp2: 2, 2, 2, 1
	Condition: 1, 2, 1, 2
	Inp1: 2, 2, 2, 1
	Inp2: 1, 1, 1, 1
	Condition: 1, 2, 1, 2
	Inp1: 1, 2, 1, 2
	Inp2: 1, 1, 1, 1
	Condition: 2, 2, 2, 1
	Inp1: 1, 2, 1, 2
	Inp2: 2, 2, 1, 2
	Condition: 1, 1, 1, 1



Kernel name	Parameters
	Inp1: 1, 1, 1, 1
	Inp2: 2, 2, 1, 2
	Condition: 1, 2, 1, 2
	Inp1: 1, 1, 1, 1
	Inp2: 1, 2, 1, 2
	Condition: 2, 2, 1, 2
	Inp1: 1, 2, 1, 2
	Inp2: 1, 1, 1, 1
	Condition: 2, 2, 1, 2
	Inp1: 2, 2, 1, 2
	Inp2: 1, 1, 1, 1
	Condition: 1, 2, 1, 2
	Inp1: 1, 2, 1, 2
	Inp2: 1, 2, 1, 2 Inp2: 1, 2, 2, 2
	Condition: 1, 1, 1, 1
	Inp1: 1, 1, 1, 1
	Inp2: 1, 2, 1, 2
	Condition: 1, 2, 2, 2
	Inp1: 1, 1, 1, 1
	Inp2: 1, 2, 2, 2
	Condition: 1, 2, 1, 2
	Inp1: 1, 2, 2, 2
	Inp2: 1, 1, 1, 1
	Condition: 1, 2, 1, 2
	Inp1: 1, 2, 1, 2
	Inp2: 1, 1, 1, 1
	Condition: 1, 2, 2, 2
	Inp1: 1, 1, 2, 2
	Inp2: 1, 2, 2, 2
	Condition: 1, 1, 1, 1
	Inp1: 1, 1, 1, 1
	Inp2: 1, 1, 2, 2
	Condition: 1, 2, 2, 2
	Inp1: 1, 1, 1, 1
	Inp2: 1, 2, 2, 2
	Condition: 1, 2, 2, 2
	Inp1: 1, 1, 1, 1
	Inp2: 1, 2, 2, 2
	Condition: 1, 2, 1, 2
	Inp1: 1, 2, 2, 2
	Inp2: 1, 1, 1, 1
	Condition: 1, 2, 1, 2
	Inp1: 1, 2, 1, 2
	Inp2: 1, 1, 1, 1
	Condition: 1, 2, 2, 2
	Inp1: 1, 1, 2, 2
	Inp2: 1, 2, 2, 2
	Condition: 1, 1, 1, 1
	Inp1: 1, 1, 1, 1
	Inp2: 1, 1, 2, 2
	Condition: 1, 2, 2, 2



Kernel name	Parameters
	Inp1: 1, 1, 1, 1
	Inp2: 1, 2, 2, 1
	Condition: 1, 2, 2, 1
	Inp1: 1, 1, 1, 1
	Inp2: 1, 2, 2, 2
	Condition: 1, 1, 2, 2
	Inp1: 1, 1, 1, 1
	Inp2: 1, 1, 2, 2
	Condition: 2, 2, 2, 1
	Inp1: 1, 2, 2, 2
	Inp2: 1, 1, 1, 1
	Condition: 1, 1, 2, 2
	Inp1: 1, 1, 2, 2
	Inp2: 1, 1, 1, 1
	Condition: 1, 2, 2, 2
	Inp1: 1, 1, 2, 1
	Inp2: 2, 1, 1, 2
	Condition: 1, 1, 2, 2
	Inp1: 11, 1, 1, 2
	Inp2: 1, 2, 2, 2
	Condition: 1, 1, 2, 2
	Inp1: 1, 1, 2, 2
	Inp2: 2, 1, 2, 2
	Condition: 1, 1, 1, 1
	Inp1: 1, 1, 1, 1
	Inp2: 1, 1, 2, 2
	Condition: 2, 1, 2, 2
	Inp1: 1, 1, 1, 1
	Inp2: 2, 1, 2, 2
	Condition: 1, 1, 2, 2
	Inp1: 2, 1, 1, 1
	Inp2: 1, 1, 2, 2
	Condition: 1, 2, 2, 1
	Inp1: 2, 1, 2, 2
	Inp2: 1, 1, 1, 1
	Condition: 1, 1, 2, 2
	Inp1: 1, 1, 2, 2
	Inp2: 1, 1, 1, 1
	Condition: 2, 1, 2, 2
	Inp1: 1, 1, 2, 2
	Inp2: 2, 2, 1, 2
	Condition: 1, 1, 1, 1
	Inp1: 1, 1, 1, 1
	Inp2: 1, 1, 2, 2
	Condition: 2, 2, 1, 2
	Inp1: 1, 1, 1, 1
	Inp2: 2, 2, 1, 2
	Condition: 1, 1, 2, 2
	Inp1: 2, 2, 1, 2
	Inp2: 1, 1, 1, 1
	Condition: 1, 1, 2, 2



Kernel name	Parameters
	Inp1: 1, 1, 2, 2
	Inp2: 1, 1, 1, 1
	Condition: 2, 2, 1, 2
	Inp1: 1, 1, 2, 2
	Inp2: 2, 2, 2, 1
	Condition: 1, 1, 1, 1
	Inp1: 1, 1, 1, 1
	Inp2: 2, 2, 2, 1
	Condition: 1, 1, 2, 2
	Inp1: 1, 1, 1, 1
	Inp2: 1, 1, 2, 2
	Condition: 2, 2, 2, 1
	Inp1: 1, 1, 2, 2
	Inp2: 1, 1, 1, 1
	Condition: 2, 2, 2, 1
	Inp1: 2, 2, 2, 1
	Inp2: 1, 1, 1, 1
	Condition: 1, 1, 2, 2
	Inp1: 3, 2, 1, 1
	Inp2: 3, 2, 2, 3
	Condition: 3, 2, 1, 1 Inp1: 1, 1, 1, 1
	Inp2: 1, 1, 1, 1 Inp2: 1, 2, 1, 3
	Condition: 3, 1, 2, 1
	Inp1: 1, 1, 1, 1
	Inp2: 3, 1, 2, 1
	Condition: 1, 2, 1, 3
	Inp1: 3, 1, 2, 1
	Inp2: 1, 1, 1, 1
	Condition: 1, 2, 1, 3
	Inp1: 1, 3, 2, 3
	Inp2: 2, 1, 2, 3
	Condition: 1, 1, 1, 1
	Inp1: 1, 1, 1, 1
	Inp2: 1, 3, 2, 3
	Condition: 2, 1, 2, 3
	Inp1: 1, 1, 1, 1
	Inp2: 2, 1, 2, 3
	Condition: 1, 3, 2, 3
	Inp1: 2, 1, 2, 3
	Inp2: 1, 1, 1, 1
	Condition: 1, 3, 2, 3
	Inp1: 1, 3, 2, 3
	Inp2: 1, 1, 1, 1
	Condition: 2, 1, 2, 3
	Inp1: 1, 3, 2, 3
	Inp2: 1, 1, 1, 1
	Condition: 2, 3, 1, 3
	Inp1: 1, 3, 2, 2 Inp2: 2, 3, 1, 2
	Condition: 1, 1, 1, 1
	COHUIUOH. 1, 1, 1, 1



Kernel name	Parameters
	Inp1: 2, 3, 1, 3
	Inp2: 1, 1, 1, 1
	Condition: 1, 3, 2, 3
	Inp1: 1, 1, 1, 1
	Inp2: 2, 2, 1, 2
	Condition: 1, 2, 2, 2
	Inp1: 1, 1, 1, 1
	Inp2: 1, 2, 2, 2
	Condition: 2, 2, 1, 2
	Inp1: 2, 1, 2, 2
	Inp2: 2, 2, 1, 2
	Condition: 1, 1, 1, 1
	Inp1: 1, 1, 1, 1
	Inp2: 2, 1, 2, 3
	Condition: 2, 2, 1, 3
	Inp1: 1, 1, 1, 1
	Inp2: 2, 2, 1, 3
	Condition: 2, 1, 2, 3
	Inp1: 2, 2, 1, 3
	Inp2: 1, 1, 1, 1
	Condition: 2, 1, 2, 3
	Inp1: 2, 1, 2, 3
	Inp2: 1, 1, 1, 1
	Condition: 2, 2, 1, 3
	Inp1: 2, 2, 1, 3
	Inp2: 2, 2, 2, 1
	Condition: 1, 1, 1, 1
	Inp1: 1, 1, 1, 1
	Inp2: 2, 2, 2, 1
	Condition: 2, 2, 1, 3
	Inp1: 1, 1, 1, 1
	Inp2: 2, 2, 1, 3
	Condition: 2, 2, 2, 1
	Inp1: 2, 2, 1, 3
	Inp2: 1, 1, 1, 1
	Condition: 2, 2, 2, 1
	Inp1: 2, 2, 2, 1
	Inp2: 1, 1, 1, 1
	Condition: 2, 2, 1, 3
	Inp1: 1, 2, 2, 2
	Inp2: 2, 2, 2, 1
	Condition: 1, 1, 1, 1
	Inp1: 1, 1, 1, 1
	Inp2: 1, 2, 2, 2
	Condition: 2, 2, 2, 1
	Inp1: 1, 1, 1, 1
	Inp2: 2, 2, 2, 1
	Condition: 1, 2, 2, 2
	Inp1: 2, 2, 2, 1
	Inp2: 1, 1, 1, 1
	Condition: 1, 2, 2, 2



Kernel name	Parameters
	Inp1: 1, 2, 2, 2
	Inp2: 1, 1, 1, 1
	Condition: 2, 2, 2, 1
	Inp1: 2, 1, 2, 2
	Inp2: 1, 2, 2, 2
	Condition: 1, 1, 1, 1
	Inp1: 1, 2, 2, 2
	Inp2: 2, 1, 2, 2
	Condition: 1, 1, 1, 1
	Inp1: 2, 1, 2, 2
	Inp2: 2, 2, 2, 1
	Condition: 1, 1, 1, 1
	Inp1: 1, 1, 1, 1
	Inp2: 2, 1, 2, 2
	Condition: 2, 2, 2, 1
	Inp1: 1, 1, 1, 1
	Inp2: 2, 2, 2, 1
	Condition: 2, 1, 2, 2
	Inp1: 2, 1, 2, 2
	Inp2: 1, 1, 1, 1
	Condition: 2, 2, 2, 1
	Inp1: 2, 2, 2, 1
	Inp2: 1, 1, 1, 1
	Condition: 2, 1, 2, 2
	Inp1: 2, 2, 1, 2
	Inp1: 2, 2, 1, 2 Inp2: 1, 2, 2, 2
	Condition: 1, 1, 1, 1 Inp1: 1, 1, 1, 1
	Inp2: 2, 2, 1, 2
	Condition: 1, 2, 2, 2
	Inp1: 1, 1, 1, 1
	Inp2: 1, 2, 2, 2
	Condition: 2, 2, 1, 2
	Inp1: 2, 2, 1, 2
	Inp2: 1, 1, 1, 1
	Condition: 1, 2, 2, 2
	Inp1: 1, 1, 1, 1
	Inp2: 1, 2, 2, 2
	Condition: 2, 2, 1, 2
	Inp1: 2, 2, 1, 2
	Inp2: 1, 1, 1, 1
	Condition: 1, 2, 2, 2
	Inp1: 1, 1, 1, 1
	Inp2: 2, 2, 1, 2
	Condition: 1, 2, 2, 1
	Inp1: 1, 2, 2, 1
	Inp2: 2, 2, 1, 2
	Condition: 1, 1, 1, 1
	Inp1: 1, 1, 1, 1
	Inp1: 1, 1, 1, 1 Inp2: 1, 2, 2, 1
	ΠΙΨΣ. 1, 2, 2, 1 Condition: 2, 2, 4, 2
	Condition: 2, 2, 1, 2



Kernel name	Parameters
	Inp1: 2, 2, 1, 2
	Inp2: 1, 1, 1, 1
	Condition: 1, 2, 2, 1
	Inp1: 1, 2, 2, 1
	Inp2: 1, 1, 1, 1
	Condition: 2, 2, 1, 2
	Inp1: 1, 2, 2, 1
	Inp2: 1, 2, 2, 2
	Condition: 1, 1, 1, 1
	Inp1: 1, 1, 1, 1
	Inp2: 1, 1, 1, 1 Inp2: 1, 2, 2, 1
	Condition: 1, 2, 2, 2
	Inp1: 1, 1, 1, 1
	Inp2: 1, 2, 2, 2
	Condition: 1, 2, 2, 1
	Inp1: 1, 2, 2, 2
	Inp2: 1, 1, 1, 1
	Condition: 1, 2, 2, 1
	Inp1: 1, 2, 2, 1
	Inp2: 2, 1, 2, 2
	Condition: 1, 1, 1, 1
	Inp1: 1, 1, 1, 1
	Inp2: 1, 2, 2, 1
	Condition: 2, 1, 2, 2
	Inp1: 1, 1, 1, 1
	Inp2: 2, 1, 2, 2
	Condition: 1, 2, 2, 1
	Inp1: 2, 1, 2, 2
	Inp2: 1, 1, 1, 1
	Condition: 1, 2, 2, 1
	Inp1: 1, 1, 1, 1
	Inp2: 2, 2, 2, 1
	Condition: 2, 1, 1, 2
	Inp1: 1, 1, 1, 1
	Inp2: 2, 1, 1, 2
	Condition: 2, 2, 2, 1
	Inp1: 2, 2, 1, 2
	Inp2: 2, 2, 2, 1
	Condition: 1, 1, 1, 1
	Inp1: 2, 1, 1, 2
	Inp2: 1, 1, 1, 1
	Condition: 2, 2, 2, 1
	Inp1: 2, 2, 2, 1
	Inp2: 1, 1, 1, 1
	Condition: 2, 1, 1, 2
	Inp1: 2, 1, 1, 2
	Inp2: 2, 2, 1, 2
	Condition: 1, 1, 1, 1
	Inp1: 1, 1, 1, 1
	Inp2: 2, 1, 1, 2
	Condition: 2, 2, 1, 2
	CONUILION. Z, Z, 1, Z



Kernel name	Parameters
	Inp1: 1, 1, 1, 1
	Inp2: 2, 2, 1, 2
	Condition: 2, 1, 1, 2
	Inp1: 1, 1, 1, 1
	Inp2: 2, 1, 1, 2
	Condition: 2, 1, 2, 2
	Inp1: 2, 2, 1, 2
	Inp2: 1, 1, 1, 1
	Condition: 2, 1, 1, 2
	Inp1: 2, 1, 1, 2
	Inp2: 1, 1, 1, 1
	Condition: 2, 2, 1, 2
	Inp1: 2, 1, 1, 2
	Inp2: 2, 1, 2, 2
	Condition: 1, 1, 1, 1
	Inp1: 1, 1, 1, 1
	Inp2: 2, 1, 2, 2
	Condition: 2, 1, 1, 2 Inp1: 2, 1, 1, 2
	Inp1. 2, 1, 1, 2 Inp2: 1, 1, 1, 1
	Condition: 2, 1, 2, 2
	Inp1: 2, 1, 1, 2
	Inp2: 1, 1, 1, 1
	Condition: 2, 1, 2, 2
	Inp1: 2, 1, 1, 2
	Inp2: 1, 2, 2, 2
	Condition: 1, 1, 1, 1
	Inp1: 1, 1, 1, 1
	Inp2: 1, 2, 2, 2
	Condition: 2, 1, 1, 2
	Inp1: 1, 1, 1, 1
	Inp2: 2, 1, 1, 2
	Condition: 1, 2, 2, 2
	Inp1: 2, 1, 1, 2
	Inp2: 1, 1, 1, 1
	Condition: 1, 2, 2, 2
	Inp1: 1, 2, 2, 2
	Inp2: 1, 1, 1, 1 Condition: 2, 1, 1, 2
	Inp1: 2, 1, 2, 1
	Inp1. 2, 1, 2, 1 Inp2: 1, 2, 2, 2
	Condition: 1, 1, 1, 1
	Inp1: 1, 1, 1, 1
	Inp2: 2, 1, 2, 1
	Condition: 1, 2, 2, 2
	Inp1: 1, 1, 2, 2
	Inp2: 1, 2, 2, 1
	Condition: 2, 1, 1, 1
	Inp1: 1, 1, 1, 1
	Inp2: 1, 2, 2, 2
	Condition: 2, 1, 2, 1



Kernel name	Parameters
	Inp1: 1, 2, 2, 2
	Inp2: 1, 1, 1, 1
	Condition: 2, 1, 2, 1
	Inp1: 2, 1, 2, 1
	Inp2: 1, 1, 1, 1
	Condition: 1, 2, 2, 2
	Inp1: 2, 1, 2, 1
	Inp2: 2, 1, 2, 2
	Condition: 1, 1, 1, 1
	Inp1: 1, 1, 1, 1
	Inp2: 2, 1, 2, 1
	Condition: 2, 1, 2, 2
	Inp1: 1, 1, 1, 1
	Inp2: 2, 1, 2, 2
	Condition: 2, 1, 2, 1
	Inp1: 2, 1, 1, 1
	Inp2: 1, 1, 2, 2
	Condition: 2, 1, 2, 1
	Inp1: 2, 1, 2, 2
	Inp2: 1, 1, 1, 1
	Condition: 2, 1, 2, 1
	Inp1: 2, 1, 2, 1
	Inp2: 1, 1, 1, 1
	Condition: 2, 1, 2, 2
	Inp1: 2, 1, 2, 1
	Inp2: 2, 2, 1, 2
	Condition: 1, 1, 1, 1
	Inp1: 1, 1, 1, 1
	Inp2: 2, 1, 2, 2
	Condition: 2, 1, 2, 1
	Inp1: 1, 1, 1, 1
	Inp2: 2, 1, 2, 1
	Condition: 2, 1, 2, 2
	Inp1: 2, 1, 2, 1
	Inp2: 1, 1, 1, 1
	Condition: 2, 1, 2, 2
	Inp1: 2, 1, 2, 2
	Inp2: 1, 1, 1, 1
	Condition: 2, 1, 2, 1
	Inp1: 2, 1, 2, 1
	Inp2: 2, 2, 2, 1
	Condition: 1, 1, 1, 1
	Inp1: 1, 1, 1, 1
	Inp2: 2, 1, 2, 1
	Condition: 2, 2, 2, 1
	Inp1: 1, 1, 1, 1
	Inp2: 2, 2, 2, 1
	Condition: 2, 1, 2, 1
	Inp1: 2, 1, 2, 1
	Inp2: 1, 1, 1, 1
	Condition: 2, 2, 2, 1



Kernel name	Parameters
	Inp1: 2, 2, 2, 1
	Inp2: 1, 1, 1, 1
	Condition: 2, 1, 2, 1
	Inp1: 2, 2, 1, 1
	Inp2: 2, 2, 2, 1
	Condition: 1, 1, 1, 1
	Inp1: 1, 1, 1, 1
	Inp2: 2, 2, 1, 1
	Condition: 2, 2, 2, 1
	Inp1: 1, 1, 1, 1
	Inp2: 2, 2, 2, 1
	Condition: 2, 2, 1, 1
	Inp1: 2, 2, 2, 1
	Inp2: 1, 1, 1, 1
	Condition: 2, 2, 1, 1
	Inp1: 2, 2, 1, 1
	Inp2: 1, 1, 1, 1
	Condition: 2, 2, 2, 1
	Inp1: 2, 2, 1, 1
	Inp2: 2, 2, 1, 2
	Condition: 1, 1, 1, 1
	Inp1: 1, 1, 1, 1
	Inp2: 2, 2, 1, 1
	Condition: 2, 2, 1, 1
	Inp1: 1, 1, 1, 1
	Inp2: 2, 2, 1, 1
	Condition: 2, 2, 1, 2
	Inp1: 1, 1, 1, 1
	Inp2: 2, 2, 1, 2
	Condition: 2, 2, 1, 1
	Inp1: 2, 2, 1, 2
	Inp2: 1, 1, 1, 1
	Condition: 2, 2, 1, 1
	Inp1: 2, 2, 1, 1
	Inp2: 1, 1, 1, 1
	Condition: 2, 2, 1, 2
	Inp1: 2, 2, 1, 1
	Inp2: 2, 1, 1, 2
	Condition: 1, 1, 2, 1
	Inp1: 2, 2, 1, 1
	Inp2: 2, 1, 2, 2
	Condition: 1, 1, 1, 1
	Inp1: 1, 1, 1, 1
	Inp2: 2, 2, 1, 1
	Condition: 2, 1, 2, 2
	Inp1: 1, 1, 1, 1
	Inp2: 2, 1, 2, 2
	Condition: 2, 2, 1, 1
	Inp1: 2, 1, 2, 2
	Inp2: 1, 1, 1, 1
	Condition: 2, 2, 1, 1



Kernel name	Parameters
	Inp1: 2, 2, 1, 1
	Inp2: 1, 1, 1, 1
	Condition: 2, 1, 2, 2
	Inp1: 2, 2, 1, 1
	Inp2: 1, 2, 2, 2
	Condition: 1, 1, 1, 1
	Inp1: 1, 1, 1, 1
	Inp2: 2, 2, 1, 1
	Condition: 1, 2, 2, 2
	Inp1: 1, 1, 1, 1
	Inp2: 1, 2, 2, 2
	Condition: 2, 2, 1, 1
	Inp1: 1, 2, 2, 2
	Inp2: 1, 1, 1, 1
	Condition: 2, 2, 1, 1
	Inp1: 2, 2, 1, 1 Inp2: 1, 1, 1, 1
	Condition: 1, 2, 2, 2
	Inp1: 2, 2, 1, 1
	Inp2: 1, 1, 1, 1
	Condition: 1, 2, 2, 2
	Inp1: 2, 1, 1, 2
	Inp2: 1, 2, 1, 2
	Condition: 1, 1, 1, 2
	Inp1: 2, 1, 1, 2
	Inp2: 2, 2, 1, 2
	Condition: 2, 2, 2, 2
	Inp1: 2, 1, 1, 2
	Inp2: 2, 2, 1, 2
	Condition: 2, 2, 1, 2
	Inp1: 2, 1, 1, 2
	Inp2: 2, 2, 1, 2
	Condition: 1, 2, 1, 2
	Inp1: 2, 1, 1, 2
	Inp2: 2, 1, 1, 2 Condition: 2, 2, 1, 2
	Inp1: 2, 2, 1, 2
	Inp1: 2, 2, 1, 2 Inp2: 2, 1, 1, 2
	Condition: 2, 2, 1, 2
	Inp1: 1, 5, 5, 5, 5
	Inp2: 5, 5, 5, 5, 5
	Condition: 5, 5, 5, 5
	Inp1: 5, 5, 5, 5, 5
	Inp2: 5, 5, 5, 5, 5
	Condition: 1, 5, 5, 5, 5
	Inp1: 1, 5, 5, 5, 5
	Inp2: 1, 5, 5, 5, 5
	Condition: 5, 5, 5, 5, 5
	Inp1: 5, 5, 5, 1, 1
	Inp2: 5, 5, 5, 5, 5
	Condition: 5, 5, 5, 5, 5



Kernel name	Parameters
	Inp1: 5, 5, 5, 5, 5
	Inp2: 5, 5, 5, 1, 1
	Condition: 5, 5, 5, 5
	Inp1: 5, 5, 5, 5, 5
	Inp2: 5, 5, 5, 5, 5
	Condition: 5, 5, 5, 1, 1
	Inp1: 5, 5, 5, 1, 1
	Inp2: 5, 5, 5, 5
	Condition: 5, 5, 5, 1, 1
	Inp1: 5, 5, 5, 5, 5
	Inp2: 5, 5, 5, 1, 1
	Condition: 5, 5, 5, 1, 1
	Inp1: 5, 5, 5, 1, 1
	Inp2: 5, 5, 5, 1, 1
	Condition: 5, 5, 5, 5, 5
	Inp1: 5, 1, 5, 1, 1
	Inp2: 5, 5, 1, 5, 1
	Condition: 1, 5, 1, 1, 5
	Inp1: 5, 5, 5, 1, 1
	Inp2: 1, 1, 5, 5, 5
	Condition: 5, 5, 1, 5, 1
	Inp1: 5, 6, 8, 2, 1
	Inp2: 5, 6, 8, 2, 1
	Condition: 5, 6, 8, 2, 1
	Inp1: 2, 5, 1, 5, 1
	Inp2: 2, 5, 5, 1, 1
	Condition: 2, 5, 1, 5, 1
	Inp1: 5, 5, 1, 5, 1
	Inp2: 5, 1, 5, 1, 1
	Condition: 1, 5, 1, 1, 1
	Inp1: 1, 5, 5, 1, 1
	Inp2: 5, 1, 1, 5, 5
	Condition: 1, 1, 1, 5, 1
	Inp1: 5, 5, 1, 2, 2
	Inp2: 5, 1, 5, 2, 1
	Condition: 1, 5, 1, 1, 2
	Inp1: 5, 5, 5, 1, 1
	Inp2: 5, 5, 5, 5, 5
	Condition: 5, 5, 5, 5, 1
	Inp1: 5, 5, 5, 5, 1
	Inp2: 5, 5, 5, 1, 1
	Condition: 5, 5, 5, 5, 1
	Inp1: 5, 5, 5, 1, 1 Inp2: 5, 5, 5, 5, 1
	Condition: 5, 5, 5, 5, 1
	Inp1: 5, 5, 5, 5, 1
	Inp2: 5, 5, 5, 5, 1
	Condition: 5, 5, 5, 1, 1
	Inp1: 5, 5, 1, 5, 5
	Inp2: 5, 5, 5, 1, 1
	Condition: 5, 5, 5, 5, 1



Kernel name	Parameters
	Inp1: 5, 5, 5, 5
	Inp2: 5, 5, 5, 1, 5
	Condition: 1, 5, 1, 5, 5
	Inp1: 5, 5, 5, 5, 5
	Inp2: 5, 5, 5, 5, 1
	Condition: 5, 5, 5, 5, 5
	Inp1: 5, 5, 5, 5, 5
	Inp2: 5, 5, 5, 5, 1
	Condition: 5, 5, 5, 5, 1
	Inp1: 5, 5, 5, 5, 1
	Inp2: 5, 5, 5, 5, 5
	Condition: 5, 5, 5, 5, 1
	Inp1: 5, 5, 5, 5, 5
	Inp2: 5, 5, 5, 5, 5
	Condition: 5, 5, 5, 5, 1
	Inp1: 5, 5, 5, 5, 5
	Inp2: 5, 5, 5, 5, 5
	Condition: 5, 5, 5, 5, 1 Inp1: 5, 5, 5, 5, 1
	Inp1: 5, 5, 5, 5, 1
	Condition: 5, 5, 5, 5
	Inp1: 5, 5, 5, 5, 5
	Inp1: 5, 5, 5, 5, 5, 5 Inp2: 5, 5, 5, 1, 5
	Condition: 5, 5, 5, 5, 5
	Inp1: 5, 5, 5, 5, 5
	Inp2: 5, 5, 5, 1, 5
	Condition: 5, 5, 5, 5, 5
	Inp1: 5, 5, 5, 5, 5
	Inp2: 5, 5, 5, 1, 5
	Condition: 5, 5, 5, 1, 5
	Inp1: 5, 5, 5, 1, 5
	Inp2: 5, 5, 5, 5, 5
	Condition: 5, 5, 5, 1, 5
	Inp1: 5, 5, 5, 1, 5
	Inp2: 5, 5, 5, 5, 5
	Condition: 5, 5, 5, 5, 5
	Inp1: 5, 5, 5, 5, 5
	Inp2: 5, 5, 5, 5, 5
	Condition: 5, 5, 5, 1, 5 Inp1: 5, 5, 5, 1, 5
	Inp1: 3, 5, 5, 1, 5
	Condition: 5, 5, 5, 5
	Inp1: 5, 5, 5, 5, 5
	Inp1: 3, 3, 3, 3 Inp2: 5, 5, 1, 5, 5
	Condition: 5, 5, 5, 5
	Inp1: 5, 5, 5, 5, 5
	Inp2: 5, 5, 1, 5, 5
	Condition: 5, 5, 1, 5, 5
	Inp1: 5, 5, 1, 5, 5
	Inp2: 5, 5, 5, 5
	Condition: 5, 5, 1, 5, 5



Kernel name	Parameters
	Inp1: 5, 5, 1, 5, 5
	Inp2: 5, 5, 5, 5, 5
	Condition: 5, 5, 5, 5, 5
	Inp1: 5, 5, 5, 5, 5
	Inp2: 5, 5, 5, 5, 5
	Condition: 5, 5, 1, 5, 5
	Inp1: 5, 5, 1, 5, 5
	Inp2: 5, 5, 1, 5, 5
	Condition: 5, 5, 5, 5, 5
	Inp1: 5, 5, 5, 5, 5
	Inp2: 5, 1, 5, 5, 5
	Condition: 5, 5, 5, 5, 5
	Inp1: 5, 5, 5, 5, 5
	Inp2: 5, 1, 5, 5, 5
	Condition: 5, 1, 5, 5, 5
	Inp1: 5, 1, 5, 5, 5
	Inp2: 5, 5, 5, 5, 5
	Condition: 5, 1, 5, 5, 5
	Inp1: 5, 5, 5, 5, 5
	Inp2: 1, 5, 5, 5, 5
	Condition: 5, 5, 5, 5, 5
	Inp1: 5, 5, 5, 5, 5
	Inp2: 5, 5, 5, 5, 5
	Condition: 5, 1, 5, 5, 5
	Inp1: 5, 1, 5, 5, 5
	Inp2: 5, 1, 5, 5, 5
	Condition: 5, 5, 5, 5, 5
	Inp1: 5, 5, 5, 5, 5
	Inp2: 1, 5, 5, 5, 5
	Condition: 5, 5, 5, 5, 5
	Inp1: 5, 5, 5, 5, 5
	Inp2: 1, 5, 5, 5, 5
	Condition: 1, 5, 5, 5, 5
	Inp1: 1, 5, 5, 5, 5
	Inp2: 5, 5, 5, 5, 5
	Condition: 1, 5, 5, 5, 5
	Inp1: 5, 5, 5, 5, 5
	Inp2: 5, 5, 5, 1, 5
	Condition: 1, 5, 1, 5, 5
	Inp1: 5, 5, 5, 5, 1
	Inp2: 5, 5, 5, 1, 5
	Condition: 5, 5, 5, 1, 5
	Inp1: 5, 1, 5, 5, 1
	Inp2: 5, 5, 1, 5, 5
	Condition: 5, 5, 1, 1, 5
	Inp1: 5, 1, 1, 1, 5
	Inp2: 5, 5, 5, 5, 1
	Condition: 5, 5, 5, 5
	Inp1: 5, 1, 5, 5, 5
	Inp2: 5, 1, 5, 1, 5
	Condition: 1, 5, 1, 5, 5



Kernel name	Parameters
	Inp1: 5, 5, 1, 5, 5
	Inp2: 1, 5, 1, 1, 1
	Condition: 5, 5, 1, 5, 1
	Inp1: 15, 11, 15, 10, 10
	Inp1: 18, 16, 19, 23
	Inp1: 10, 13, 14, 15, 17
	Inp1: 12, 13, 12, 13, 10
	Inp1: 7, 6, 12, 12, 6
	Inp1: 11, 9, 10, 8, 15
	Inp1: 14, 15, 7, 13
	Inp1: 10, 6, 6, 5, 11
	Inp1: 1, 1, 1, 1
	Inp1: 3, 3, 1, 1
	Inp1: 4, 1, 1, 1
	Inp1: 6, 1, 1
	Inp1: 1, 4, 1, 2, 1, 1
	Inp1: 2, 1
xa_nn_sigmoid_f32_f32	Inp1: 3, 1
0	Inp1: 1
	Inp1: 34
	Inp1: 3
	Inp1: 4, 1, 1, 2
	Inp1: 1, 1, 3, 3
	Inp1: 3, 4, 4, 4, 4
	Inp1: 3, 3, 3, 5, 5
	Inp1: 5, 2, 1, 5
	Inp1: 2, 3, 5, 5
	Inp1: 1, 4, 5, 5
	Inp1: 4, 3, 1
	Inp1: 3, 4, 3, 5
	Inp1: 4, 1, 1, 2
	Inp1: 7, 1, 1
	Inp1: 7, 1, 1
	Inp1: 11, 9, 8, 1
	Inp1: 11, 9, 23, 7
xa_nn_elm_clamp_8_8	Inp1: 21, 5, 16, 19
	Inp1: 3, 10, 9, 8 Inp1: 21, 7, 2, 10
	Inp1: 21, 7, 2, 10
	Inp1: 11, 10, 5, 21
xa_nn_elm_clamp_8u_8u	Inp1: 21, 6, 6, 9, 10
	Inp1: 19, 23, 11



Kernel name	Parameters
	Inp1: 21, 13, 9
	Inp1: 8, 3, 19, 19
	Inp1: 7, 23, 10, 9, 8
	Inp1: 19, 11, 1, 5, 19
	Inp1: 19, 19, 8
	Inp1: 16,3, 25, 13
	Inp1: 13, 13, 6
xa_nn_elm_clamp_16_16	Inp1: 7, 25, 50, 8
/a_m_om_oamp_ro_ro	Inp1: 50, 1, 7
	Inp1: 18, 8, 2, 5
	Inp1: 10, 11, 11, 13, 1
	Inp1: 18, 5, 19, 3
	Inp1: 7, 21, 10, 19
	Inp1: 25, 25, 7
	Inp1: 25, 21, 9, 9
xa_nn_elm_clamp_f32_f32	Inp1: 2, 21, 5, 5
xa_1111_61111_Cla111p_132_132	Inp1: 5, 5, 8
	Inp1: 11, 7, 7, 21
	Inp1: 19, 8, 25, 16, 50
	Inp1: 10, 3, 1, 6
	Inp1: 10, 25, 13, 81
	max: 1
	min: 1
	Inp1: 50, 21, 5
	max: 1
	min: 1
	Inp1: 8, 8, 2, 8
	max: 1
	min: 1
	Inp1: 9, 2, 9, 50, 23
xa_nn_elm_clamp_scalar_8_8	max: 1
	min: 1
	Inp1: 3, 23, 2, 13, 18
	max: 1
	min: 1
	Inp1: 9, 19, 13, 18
	max: 1
	min: 1
	Inp1: 9, 9, 7
	max: 1
	min: 1
	Inp1: 2, 6, 16
	max: 1
	min: 1
	Inp1: 19, 11, 18, 10, 16
xa_nn_elm_clamp_scalar_8u_8u	max: 1
	min: 1
	Inp1: 23, 19, 21, 7, 8
	max: 1
	min: 1
	Inp1: 6, 10, 23, 7



Kernel name	Parameters
	max: 1
	min: 1
	Inp1: 21, 25, 1, 10
	max: 1
	min: 1
	Inp1: 3, 18, 81
	max: 1
	min: 1
	Inp1: 8, 21, 11
	max: 1
	min: 1
	Inp1: 21, 6, 18
	max: 1
	min: 1
	Inp1: 19, 50, 50, 1
	max: 1
	min: 1
	Inp1: 11, 23, 50
xa_nn_elm_clamp_scalar_16_16	max: 1
	min: 1
	Inp1: 11, 1, 18
	max: 1
	min: 1
	Inp1: 6, 8, 13, 16, 9
	max: 1
	min: 1
	Inp1: 9, 2, 8
	max: 1
	min: 1
	Inp1: 50, 6, 10, 11, 21
	max: 1
	min: 1
	Inp1: 25, 8, 10, 1, 23
	max: 1
	min: 1
	Inp1: 1, 16, 1, 23, 11
	max: 1
	min: 1
	Inp1: 23, 50, 6, 18
	max: 1
xa_nn_elm_clamp_scalar_f32_f32	min: 1
	Inp1: 50, 18, 18, 8
	max: 1
	min: 1
	Inp1: 23, 1, 2, 6
	max: 1
	min: 1
	Inp1: 2, 9, 25
	max: 1
	min: 1
	Inp1: 6, 6, 21, 7, 10
	max: 1
	IIIax. I



Kernel name	Parameters
	min: 1
	Inp1: 7, 6, 21, 7, 6
	max: 1
	min: 1
	Inp1: 8, 50, 3
	min: 8, 1, 3
	max: 1, 50, 3
	Inp1: 23, 5, 3, 7, 10
	min: 1, 1, 1, 1, 1
	max: 1, 5, 3, 7, 10
	Inp1: 2, 1, 5
	min: 1, 1, 5
	max: 1, 1, 1
	Inp1: 50, 5, 18, 21
	min: 50, 5, 1, 21
	max: 1, 1, 1, 1
	Inp1: 25, 11, 23
	min: 1, 11, 1
	max: 1, 1, 1
	Inp1: 2, 9, 1, 6
	min: 2, 9, 1, 1
	max: 1, 1, 1, 1
	Inp1: 11, 7, 25, 16
	min: 11, 1, 1, 16
	max: 1, 1, 1, 1
	Inp1: 16, 3, 3, 21
	min: 1, 1, 1, 21
xa_nn_elm_clamp_broadcast_5D_8_8	max: 1, 1, 1, 1
xa_iii_eiiii_ciaiip_bioadcast_5b_6_6	Inp1: 16, 50, 1, 23
	min: 16, 1, 1, 1
	max: 1, 1, 1, 1
	Inp1: 13, 3, 50, 3, 1
	min: 13, 1, 1, 3, 1
	max: 1, 1, 1, 1, 1
	Inp1: 50, 16, 5
	min: 1, 16, 1
	max: 1, 1, 1
	Inp1: 13, 3, 50, 5
	min: 13, 3, 1, 1
	max: 1, 1, 1, 1
	Inp1: 9, 50, 3, 10
	min: 1, 1, 1, 1
	max: 9, 1, 3, 1
	Inp1: 19, 16, 25
	min: 1, 1, 1
	max: 19, 1, 1
	Inp1: 7, 8, 13, 18, 13
	min: 1, 1, 1, 1, 1
	max: 7, 8, 1, 1, 1
	Inp1: 10, 21, 6
	min: 1, 1, 1
	max: 10, 1, 6



Kernel name	Parameters
	Inp1: 9, 5, 13, 7, 2
	min: 1, 1, 1, 1, 1
	max: 9, 5, 13, 1, 1
	Inp1: 13, 5, 25
	min: 1, 1, 1
	max: 13, 5, 1
	Inp1: 21, 3, 1, 7
	min: 1, 1, 1, 1
	max: 1, 1, 1, 1
	Inp1: 11, 6, 6
	min: 11, 6, 1
	max: 1, 6, 6
	Inp1: 6, 1, 18, 9, 8
	min: 1, 7, 18, 9, 8
	max: 6, 7, 1, 9, 8
	Inp1: 19, 2, 23
	min: 1, 2, 23
	max: 19, 2, 1
	Inp1: 1, 1, 1, 1, 1
	min: 3, 3, 3, 3, 1
	max: 1, 3, 3, 3, 3
	Inp1: 1, 1, 1, 1, 1
	min: 3, 2, 3, 1, 1
	max: 1, 1, 3, 2, 3
	Inp1: 1, 1, 1
	min: 3, 1, 3
	max: 1, 3, 1
	Inp1: 1, 1, 1, 1
	min: 2, 1, 1, 2
	max: 2, 1, 1, 2
	Inp1: 1, 1, 1
	min: 1, 1, 2
	max: 1, 1, 1
	Inp1: 1, 1, 1, 1
	min: 2, 1, 1, 3
	max: 2, 2, 1, 1
	Inp1: 1, 1, 1, 1
	min: 1, 1, 1, 1, 2
	max: 3, 1, 1, 1, 1
	Inp1: 1, 1, 1, 1, 1
	min: 3, 1, 3, 1, 3
	max: 1, 3, 1, 3, 1
	Inp1: 1, 1, 1, 1, 1
	min: 2, 2, 1, 2, 2
	max: 1, 1, 3, 1, 1
	Inp1: 1, 50, 9, 2, 50
	min: 1, 1, 1, 1, 1
	max: 1, 1, 9, 2, 1
	Inp1: 2, 23, 21
	min: 1, 1, 1
	max: 2, 1, 1



Kernel name	Parameters
	Inp1: 10, 1, 2
	min: 1, 1, 1
	max: 1, 1, 2
	Inp1: 1, 1, 1, 1
	min: 2, 3, 4, 5, 6
	max: 1, 1, 1, 1
	Inp1: 9, 7, 50
	min: 9, 7, 1
	max: 9, 7, 50
	Inp1: 6, 11, 9, 6
	min: 6, 1, 9, 6
	max: 6, 11, 9, 6
	Inp1: 7, 23, 13, 11
	min: 1, 1, 1, 1
	max:7, 1, 13, 11
	Inp1: 6, 21, 10, 50
	min: 6, 21, 1, 50
	max:1, 1, 1, 1
	Inp1: 6, 50, 13, 10, 19
	min: 1, 1, 1, 1, 1
	max: 1, 1, 1, 1
	Inp1: 8, 19, 2, 11
	min: 1, 19, 2, 11
	max: 8, 19, 2, 11
	Inp1: 21, 5, 5, 1
	min: 21, 1, 5, 17
	max: 21, 5, 1, 17
	Inp1: 1, 1, 1, 1, 1
	min: 3, 3, 3, 3, 1
xa_nn_elm_clamp_broadcast_5D_8u_8u	max: 1, 3, 3, 3, 3
	Inp1: 1, 1, 1, 1, 1
	min: 3, 2, 3, 1, 1
	max: 1, 1, 3, 2, 3
	Inp1: 1, 1, 1
	min: 3, 1, 3
	max: 1, 3, 1
	Inp1: 1, 1, 1, 1
	min: 2, 1, 1, 2
	max: 2, 1, 1, 2
	Inp1: 1, 1, 1
	min: 1, 1, 2
	max: 1, 1, 1
	Inp1: 1, 1, 1, 1
	min: 2, 1, 1, 3
	max: 2, 2, 1, 1
	Inp1: 1, 1, 1, 1, 1
	min: 1, 1, 1, 1, 2
	max: 3, 1, 1, 1, 1
	Inp1: 1, 1, 1, 1
	min: 3, 1, 3, 1, 3
	max: 1, 3, 1, 3, 1
	Inp1: 1, 1, 1, 1, 1
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Kernel name	Parameters
	min: 2, 2, 1, 2, 2
	max:1, 1, 3, 1, 1
	Inp1: 1, 50, 9, 2, 50
	min: 1, 1, 1, 1, 1
	max:1, 1, 9, 2, 1
	Inp1: 2, 23, 21
	min: 1, 1, 1
	max: 1, 1, 1
	Inp1: 10, 1, 2 min: 1, 1, 1
	max: 1, 1, 2
	Inp1: 13, 5, 25
	min: 1, 1, 1
	max: 13, 5, 1
	Inp1: 2, 1, 5
	min: 1, 1, 5
	max: 1, 1, 1
	Inp1: 10, 21, 6
	min: 1, 1, 1
	max: 10, 1, 6
	Inp1: 7, 8, 13, 18, 13
	min: 1, 1, 1, 1, 1
	max: 7, 8, 1, 1, 1
	Inp1: 19, 16, 25
	min: 1, 1, 1
	max: 19, 1, 1 Inp1: 9, 50, 3, 10
	min: 1, 1, 1, 1
	max: 9, 1, 3, 1
	Inp1: 13, 3, 50, 5
	min: 13, 3, 1, 1
	max: 1, 1, 1, 1
	Inp1: 50, 16, 5
	min: 1, 16, 1
	max: 1, 1, 1
	Inp1: 13, 3, 50, 3, 1
	min: 13, 1, 1, 3, 1
	max: 1, 1, 1, 1, 1
	Inp1: 16, 50, 1, 23
	min: 16, 1, 1, 1 max: 1, 1, 1, 1
	Inp1: 16, 3, 3, 21
	min: 1, 1, 1, 21
	max: 1, 1, 1, 1
	Inp1: 11, 7, 25, 16
	min: 11, 1, 1, 16
	max: 1, 1, 1, 1
	Inp1: 2, 9, 1, 6
	min: 2, 9, 1, 1
	max: 1, 1, 1, 1
	Inp1: 25, 11, 23
	min: 1, 11, 1



Kernel name	Parameters
	max: 1, 1, 1
	Inp1: 9, 5, 13, 7, 2
	min: 1, 1, 1, 1, 1
	max: 9, 5, 13, 1, 1
	Inp1: 23, 9, 13, 19, 6
	min: 1, 9, 13, 19, 6
	max: 23, 9, 13, 19, 1
	Inp1: 1, 25, 9, 50, 1
	min: 1, 1, 1, 1, 1
	max: 1, 1, 1, 1, 1
	Inp1: 18, 9, 8, 11
	min: 1, 1, 1, 1
	max: 18, 1, 8, 11
	Inp1: 10, 6, 50
	min: 10, 6, 1
	max: 1, 1, 1
	Inp1: 16, 16, 16, 5
	min: 16, 1, 16, 5
	max: 16, 16, 1, 5
	Inp1: 6, 8, 23
	min: 1, 8, 23
	max: 6, 8, 1
	Inp1: 7, 3, 25
	min: 7, 3, 25
	max: 7, 3, 25
	Inp1: 3, 1, 3
	min: 3, 1, 1
	max: 3, 1, 1
xa_nn_elm_clamp_broadcast_5D_16_16	Inp1: 3
	min: 1
	max: 1
	Inp1: 1, 1, 3, 1, 2
	min: 1, 3, 1, 2, 1
	max: 1, 1, 3, 1, 1
	Inp1: 2
	min: 2
	max: 1
	Inp1: 2, 2
	min: 1, 2
	max: 2, 1
	Inp1: 3, 3, 3, 3, 3
	min: 3, 1, 3, 1, 3
	max: 1, 3, 1, 3, 1
	Inp1: 1, 1, 2, 3, 2
	min: 1, 1, 2, 3, 1
	max: 1, 3, 2, 1, 1
	Inp1: 2, 3, 2, 2
	min: 2, 1, 1, 2
	max: 1, 3, 2, 1
	Inp1: 3
	min: 1
	max:3



Kernel name	Parameters
	Inp1: 18, 6, 1
	min: 1, 1, 1
	max: 18, 6, 1
	Inp1: 7, 21, 21
	min: 1, 1, 1
	max: 7, 1, 1
	Inp1: 18, 13, 13, 5
	min: 1, 1, 1, 1
	max: 18, 1, 1, 5
	Inp1: 2, 13, 18, 13
	min: 1, 1, 1, 1
	max: 2, 1, 1, 1
	Inp1: 8, 9, 21, 25, 50
	min: 1, 1, 1, 1, 1
	max: 8, 1, 1, 1, 50
	Inp1: 1, 8, 2, 8
	min: 1, 1, 1, 1
	max: 1, 1, 2, 8
	Inp1: 13, 6, 13, 50, 1
	min: 1, 1, 1, 1, 1
	max: 1, 6, 1, 50, 1
	Inp1: 25, 13, 8, 16
	min: 1, 1, 1, 1
	max: 1, 13, 1, 1
	Inp1: 18, 25, 10, 1
	min: 1, 1, 1, 1
	max: 1, 25, 1, 1
	Inp1: 16, 19, 16, 50
	min: 16, 19, 16, 1
	max: 1, 1, 1, 1
	Inp1: 6, 50, 7
	min: 6, 1, 1
	max: 1, 1, 1
	Inp1: 18, 18, 50, 7, 9
	min: 18, 18, 1, 1, 1
	max: 1, 1, 1, 1, 1
	Inp1: 5, 3, 7
	min: 1, 1, 1
	max: 1, 1, 1
	Inp1: 3, 13, 7, 11, 1
	min: 1, 1, 7, 11, 1
	max: 1, 1, 1, 1, 1
	Inp1: 16, 19, 25, 6
	min: 1, 19, 25, 1
	max: 1, 1, 1, 1
	Inp1: 21, 9, 2
	min: 1, 1, 2
	max: 1, 1, 1
	Inp1: 10, 6, 3, 2
	min: 1, 1, 1, 2
	max: 1, 1, 1, 1
	Inp1: 50, 3, 6, 6, 3
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Kernel name	Parameters
	min: 1, 3, 1, 6, 1
	max: 1, 1, 1, 1, 1
	Inp1: 7, 6, 8, 3
	min: 7, 1, 8, 3
	max: 7, 6, 1, 3
	Inp1: 10, 3, 1, 11, 10
	min: 1, 1, 1, 1, 1
	max: 1, 1, 1, 1, 1
	Inp1: 19, 25, 25, 19, 18 min: 1, 1, 1, 1, 1
	max: 19, 1, 25, 19, 18
	Inp1: 11, 11, 25, 19
	min: 11, 1, 25, 19
	max: 1, 1, 1, 1
	Inp1: 2, 50, 25
	min: 2, 1, 25
	max: 1, 50,25
	Inp1: 25, 3, 19, 10
	min: 1, 3, 19, 10
	max: 25, 3, 19, 1
	Inp1: 3, 5, 5, 19
	min: 3, 1, 5, 19
	max: 3, 5, 1, 19
	Inp1: 3, 13, 5, 10
	min: 1, 1, 5, 10
	max: 3, 13, 1, 1 Inp1: 16, 16, 50
xa_nn_elm_clamp_broadcast_5D_f32_f32	min: 16, 16, 50
	max: 16, 16, 50
	Inp1: 5, 16, 21, 50
	min: 5, 1, 21 ,1
	max: 1, 16, 21, 50
	Inp1: 2, 23, 11, 11, 8
	min: 2, 23, 1, 1, 1
	max: 1, 1, 1, 11, 8
	Inp1: 9, 1, 1, 7, 19
	min: 9, 1, 1, 1, 19
	max: 1, 1, 7, 1, 1
	Inp1: 6, 11, 21, 9, 1
	min: 1, 11, 1, 9, 1
	max: 6, 1, 21, 1, 1 Inp1: 16, 13, 8, 8
	min: 1, 13, 1, 8
	max: 16, 1, 8, 1
	Inp1: 10, 13, 10, 18
	min: 1, 1, 1, 18
	max: 10, 1, 1, 1
	Inp1: 23, 11, 1, 13, 2
	min: 23, 1, 1, 1, 2
	max: 1, 11, 1, 13, 1
	Inp1: 2, 5, 11, 5, 50
	min: 1, 1, 11, 1, 1



Kernel name	Parameters
	max: 2, 1, 11, 5, 1
	Inp1: 6, 25, 13, 3
	min: 1, 25, 1, 3
	max: 6, 1, 13, 1
	Inp1: 19, 2, 11, 25, 6
	min: 19, 2, 1, 25, 6
	max: 19, 2, 11, 25, 6
	Inp1: 11, 18, 16, 19
	min: 11, 18, 16, 1
	max: 11, 18, 16, 1
	Inp1: 7, 3, 18, 13, 13
	min: 7, 3, 18, 1, 1
	max: 7, 3, 18, 1, 1
	Inp1: 50, 21, 23, 13, 7
	min: 50, 21, 1, 1, 1
	max: 50, 21, 1, 1, 1
	Inp1: 6, 18, 11, 1, 18
	min: 6, 1, 1, 1
	max: 6, 1, 1, 1, 1
	Inp1: 9, 21, 16
	min: 1, 21, 1
	max: 1, 21, 1
	Inp1: 13, 1, 18
	min: 1, 1, 18
	max: 1, 1, 18
	Inp1: 21, 21, 6, 23, 23
	min: 21, 1, 1, 1, 23
	max: 21, 1, 1, 1, 23
	Inp1: 5, 11, 50
	min: 1, 11, 1
	max: 1, 11, 1
	Inp1: 6, 8, 12, 7, 3
	min: 6, 1, 1, 1, 3 max: 6, 1, 1, 1, 3
	Inp1: 1, 1, 1, 1, 1
	min: 1, 1, 25, 23, 16
	max: 11, 9, 25 23 16
	Inp1: 1, 1, 1, 1
	min: 3, 1, 1, 5
	max: 3, 6, 16, 5
	Inp1: 1, 1, 1, 1
	min: 18, 11, 1, 1
	max: 18, 11, 6, 5
	Inp1: 1, 1, 1
	min: 1, 1, 10
	max: 13, 16, 10
	Inp1: 1, 1, 1
	min: 21, 1, 1
	max: 21, 8, 11
	Inp1: 1, 1, 1, 1
	min: 6, 1, 8, 1, 9
	max: 6, 19, 8, 6, 9



Kernel name	Parameters
	Inp1: 1, 1, 1
	min: 1, 25, 1
	max: 11, 25, 50
	Inp1: 1, 1, 1, 1
	min: 1, 18, 1, 6, 1
	max: 8, 18, 9, 6, 23
	Inp: 5, 6, 7, 3
	permute vec: 1, 0, 2, 3
	Inp: 5, 6, 7
	permute vec: 1, 0, 2
	Inp: 5, 7, 3, 4
	permute vec: 0, 3, 2, 1
	Inp: 12, 5, 3
	permute vec: 0, 2, 1
	Inp: 8, 1, 11, 6
	permute vec: 2, 1, 0, 3
0:101:1	Inp: 4, 4, 11, 7
xa_nn_transpose – Signed 8 bit	permute vec: 0, 1, 3, 2
	Inp: 11, 6, 5
	permute vec: 1, 0, 2
	Inp: 12, 4, 5, 3
	permute vec: 0, 2 1, 3
	Inp: 9, 4, 8, 4
	permute vec: 3, 1, 2, 0
	Inp: 9, 8, 6, 6
	permute vec: 0, 1, 2, 3
	Inp: 4, 8, 4
	permute vec: 2, 1, 0
	Inp: 4, 9, 7, 5
	permute vec: 1, 0, 2, 3
	Inp: 1, 14, 2, 7
	permute vec: 0, 1, 3, 2
	Inp: 5, 5, 4, 8
	permute vec: 3, 1, 2, 0
	Inp: 1, 15, 11, 6
	permute vec: 2, 1, 0, 3
	Inp: 2, 7, 15, 7
	permute vec: 0, 2, 1, 3
	Inp: 3, 7, 13, 2
ve up transpass Cianad 16 hit	permute vec: 0, 3, 2, 1
xa_nn_transpose – Signed 16 bit	Inp: 6, 6, 13
	permute vec: 1, 0, 2
	Inp: 15, 9, 4
	permute vec: 0, 2, 1
	Inp: 7, 8, 9
	permute vec: 2, 1, 0
	Inp: 11, 11, 4
	permute vec: 1, 0, 2
	Inp: 12, 3, 9
	permute vec: 0, 2, 1
	Inp1: 12, 6, 4, 5
	permute vec: 1, 0, 2, 3



Kernel name	Parameters
Remer name	Inp1: 9, 4, 5, 3
	permute vec: 1, 0, 2, 3
	Inp1: 6, 5, 4, 3
	permute vec: 0, 1, 3, 2
	Inp1: 6, 3, 5, 7
	permute vec: 3, 1, 2, 0
	Inp1: 6, 12, 5
	permute vec: 1, 0, 2
	Inp1: 7, 8, 3, 2
	permute vec: 2, 1, 0, 3
	Inp1: 5, 12, 66, 1
xa_nn_transpose – Signed 32 bit	permute vec: 0, 1, 3, 2
xa_m_aanopood oignod oz sit	Inp1: 6, 14, 3, 2
	permute vec: 0, 3, 2, 1
	Inp1: 5, 7, 12
	permute vec: 1, 0, 2
	Inp1: 8, 3, 4, 6
	permute vec: 1, 0, 2, 3
	Inp1: 8, 7, 7
	permute vec: 1, 0, 2
	Inp1: 4, 6, 5, 3
	permute vec: 2, 1, 0, 3
	Inp1: 6, 7, 8, 2
	permute vec: 2, 1, 0, 3
	Inp1: 7, 3, 23, 2
	permute vec: 1, 0, 2, 3
	Inp1: 18, 18, 50
	permute vec: 0, 2, 1
	Inp1: 23, 13, 5, 3, 9
	permute vec: 3, 1, 2, 0, 4
xa_nn_transpose – Unsigned 8 bit	Inp1: 25, 18, 19, 18
xa_iii_tialispose – Olisiglied o bit	permute vec: 0, 3, 1, 2
	Inp1: 8, 7, 3
	permute vec: 2, 1, 0
	Inp1: 21, 9, 13, 50, 3
	permute vec: 0, 1, 4, 3, 2
	Inp1: 13, 13, 3
	permute vec: 0, 2, 1
	Inp1: 2, 8, 9
	permute vec: 1, 0, 2
	Inp1: 21, 5, 21, 5, 1
	permute vec: 0, 1, 3, 2, 4
	Inp1: 5, 2, 19
	permute vec: 2, 1, 0
vo no transpaga. Unaigned 16 hit	Inp1: 9, 23, 25
xa_nn_transpose – Unsigned 16 bit	permute vec: 0, 2, 1
	Inp1: 11, 9, 13, 18, 19
	permute vec: 4, 1, 2, 3, 0
	Inp1: 16, 2, 21, 21
	permute vec: 1, 0, 2, 3
	Inp1: 5, 5, 25, 50
	permute vec: 0, 1, 3, 2
	1



Kernel name	Parameters
	Inp1: 16, 11, 25
	permute vec: 0, 2, 1
	Inp1: 5, 3, 18, 13, 3
	permute vec: 0, 1, 4, 3, 2
	Inp1: 3, 19, 21
	permute vec: 2, 1, 0
	Inp1: 21, 23, 13, 16, 9
xa_nn_transpose – Unsigned 32 bit	permute vec: 4, 1, 2, 3, 0
	Inp1: 7, 2, 2
	permute vec: 1, 0, 2
	Inp1: 11, 3, 9, 5, 9
	permute vec: 0, 3, 2, 1, 4
	Inp1: 19, 19, 1
	permute vec: 0, 2, 1
	Inp1: 5, 9, 7, 9
	Inp1: 7, 5, 5, 12
	Inp1: 12, 15, 12, 6, 11
	Inp1: 10, 14, 6, 9
	Inp1: 5, 10, 8, 13
xa_nn_tanh_f32	Inp1: 10, 15, 8, 10
	Inp1: 5, 12, 11, 11, 8
	Inp1: 12, 11, 13, 7
	Inp1: 1, 1, 1, 1
	Inp1: 7
	Inp1: 2, 1, 3, 1
	Inp1: 1, 5, 1
	Inp1: 13, 11, 15, 14, 6
	Inp1: 12, 12, 9, 6, 5
	Inp1: 7, 13, 12, 11, 13
	Inp1: 11, 6, 10, 5
	Inp1: 10, 12, 11, 10
xa_nn_sqrt_f32_f32	Inp1: 5, 15, 9, 13, 13
·	Inp1: 1, 1, 1, 1
	Inp1: 4, 1
	Inp1: 7, 1, 2
	Inp1: 4
	Inp1: 2, 1, 1, 2
	Inp1: 15, 12, 5, 14, 5
	Inp1: 10, 11, 6, 13
	Inp1: 14, 15, 6, 13, 9
	Inp1: 13, 9, 11, 7, 7
	Inp1: 12, 6, 8, 8
xa_nn_rsqrt_f32_f32	Inp1: 13, 7, 6, 9
	Inp1: 1, 1, 1, 1
	Inp1: 3, 3, 1, 1
	Inp1: 4, 1, 1, 1
	Inp1: 6, 1, 1
	Inp1: 1, 4, 1, 2, 1, 1



Kernel name	Parameters
	Inp1: 2, 1
	Inp1: 3, 1
	Inp1: 1
	Inp1: 34
	Inp1: 3
	Inp1: 4, 1, 1, 2
	Inp1: 4, 1, 1, 2
	Inp1: 7, 1, 1

2.2.2 API tests

The table below lists values with which arguments of the kernels are tested to see the returned status. "Kernel name" column specifies the kernel name, "Argument name" column specifies the argument which is tested, "Value of the argument" column specifies the values given to argument so that kernel returns error. Each value corresponds to one test case. For ex: xa_nn_elm_add_32x32_32 kernel is tested with 8 test cases to validate error check implementation in the API. In all of the cases mentioned below, kernel returned error.

Kernel name	Argument name	Value of the argument
	p_inp1	Null
		Unaligned pointer
	p_inp2	Null
xa_nn_elm_add_32x32_32		Unaligned pointer
xa_iii_eiii_auu_32x32_32	p_out	Null
		Unaligned pointer
	num_elm	Negative
		Zero
	p_inp1	Null
		Unaligned pointer
xa_nn_elm_add_scalar_32x32_32	p_out	Null
Xa_IIII_eIIII_adu_Scalai_52X52_52		Unaligned pointer
	num_elm	Negative
		Zero
	p_inp1	Null
		Unaligned pointer
	p_inp2	Null
		Unaligned pointer
	p_out	Null
		Unaligned pointer
xa_nn_elm_add_broadcast_5D_32x32_	num_inp_dims	Negative
32		Zero
		Out of range
	p_inp1_shape	Null
		Unaligned pointer
		All zeroes
		One of the shapes zero
		One of the shapes negative



P_inp2_shape
All zeroes One of the shapes zero One of the shapes negative
One of the shapes zero One of the shapes negative P_out_shape Null Unaligned pointer All zeroes One of the shapes zero One of the shapes zero One of the shapes negative P_inp1 Null Unaligned pointer P_inp2 Null Unaligned pointer P_out Null Unaligned pointer Negative Zero P_inp1 Null
Description of the shapes negative p_out_shape p_out_shape Null Unaligned pointer All zeroes One of the shapes zero One of the shapes negative P_inp1 Null Unaligned pointer p_inp2 Null Unaligned pointer Negative Zero P_inp1 Null
p_out_shape Dull Unaligned pointer All zeroes One of the shapes zero One of the shapes negative
Unaligned pointer All zeroes One of the shapes zero One of the shapes negative P_inp1 Null Unaligned pointer P_inp2 Null Unaligned pointer P_out Null Unaligned pointer Negative Zero P_inp1 Null
All zeroes One of the shapes zero One of the shapes negative P_inp1 Null Unaligned pointer P_inp2 Null Unaligned pointer P_out Null Unaligned pointer Null Unaligned pointer P_out Null Unaligned pointer Negative Zero P_inp1 Null Null
One of the shapes zero One of the shapes negative P_inp1
Discrete Discrete
p_inp1
Valigned pointer P_inp2 Null Unaligned pointer
xa_nn_elm_mul_32x32_32 p_inp2 Null Unaligned pointer p_out Null Unaligned pointer unaligned pointer Negative Zero p_inp1 Null
xa_nn_elm_mul_32x32_32 Unaligned pointer p_out Null Unaligned pointer num_elm Negative Zero p_inp1 Null
Description Note
Unaligned pointer num_elm Negative Zero p_inp1 Null
num_elm Negative Zero p_inp1 Null
p_inp1 Null
n out Null
xa_nn_elm_mul_scalar_32x32_32
num_elm Negative
Zero
p_inp1 Null
Unaligned pointer
p_inp2 Null
Unaligned pointer
p_out Null
Unaligned pointer
p_inp1_shape Null
Unaligned pointer
All zeroes
One of the shapes zero
One of the shapes negative
xa_nn_elm_mul_broadcast_5D_32x32_
32 Unaligned pointer
All zeroes
One of the shapes zero
One of the shapes negative
p_out_shape Null
Unaligned pointer
All zeroes
One of the shapes zero
One of the shapes negative
num_inp_dims Negative
Zero
Out of Range
p_inp1 Null
Inaligned pointer
xa_nn_elm_add_f32xf32_f32
Unaligned pointer



	n out	Null
	p_out	Unaligned pointer
 -	num_elm	Negative
	num_em	Zero
	p_inp1	Null
	ρ_πιρ ι	Unaligned pointer
-	p_out	Null
xa_nn_elm_add_scalar_f32xf32_f32	p_out	Unaligned pointer
-	num_elm	Negative
	num_em	Zero
	p_inp1	Null
	ρρ.ι	Unaligned pointer
	p_inp2	Null
	ρ_πιρε	Unaligned pointer
-	p_out	Null
	p_out	Unaligned pointer
 	n inn1 shans	Null
	p_inp1_shape	Unaligned pointer
		All zeroes
		One of the shapes zero
xa_nn_elm_add_broadcast_5D_f32xf32	n inn? chana	One of the shapes negative Null
	p_inp2_shape	Unaligned pointer
_f32		All zeroes
		One of the shapes zero
-	n out shans	One of the shapes negative Null
	p_out_shape	
		Unaligned pointer All zeroes
		One of the shapes zero
<u> </u>	norma linea allinon	One of the shapes negative
	num_inp_dims	Negative Zero
	- in-4	Out of Range
	p_inp1	Null
<u> </u>	- i0	Unaligned pointer
	p_inp2	Null
xa_nn_elm_mul_f32xf32_f32	1	Unaligned pointer
	p_out	Null
<u> </u>		Unaligned pointer
	num_elm	Negative
		Zero
xa_nn_elm_mul_scalar_f32xf32_f32	p_inp1	Null
		Unaligned pointer
	p_out	Null
		Unaligned pointer
	num_elm	Negative
		Zero
	p_inp1	Null
xa_nn_elm_mul_broadcast_5D_f32xf32 _		Unaligned pointer
_f32	p_inp2	Null
9-		Unaligned pointer



	p_out	Null
	ρ_οαι	Unaligned pointer
	p_inp1_shape	Null
	p_iiip i_stiape	Unaligned pointer
		All zeroes
		One of the shapes zero
<u> </u>		One of the shapes negative
	p_inp2_shape	Null
		Unaligned pointer
		All zeroes
		One of the shapes zero
		One of the shapes negative
	p_out_shape	Null
		Unaligned pointer
		All zeroes
		One of the shapes zero
		One of the shapes negative
	num_inp_dims	Negative
		Zero
		Out of Range
	p_inp	Null
		Unaligned pointer
	p_out	Null
		Unaligned pointer
	p_inp_shape	Null
		Unaligned pointer
, , , , , , , , , , , , , , , , , , , ,		All zeroes
xa_nn_vec_softmax_dim_f32_f32		One of the shapes zero
		One of the shapes negative
	p_axis	Value negative
	1 –	Zero
		Out of range (> num_inp_dims)
	num_inp_dims	Negative
		Zero
	p_inp	Null
	r— r	Unaligned pointer
	p_out	Null
	k_200	Unaligned pointer
	p_mean	Null
	P00	Unaligned pointer
	p_std	Null
	ν_σια	Unaligned pointer
xa_nn_layernorm_f32_f32	p_weight	Null
7.0_1111_103011101111_102_102	p_weignt	Unaligned pointer
	p_bias	Null
	μ_νιαδ	Unaligned pointer
	n inn chana	Null
	p_inp_shape	
		Unaligned pointer All zeroes
		One of the shapes zero
		One of the shapes negative



		1
	axis	Value is negative
		Zero
		Out of range (> num_inp_dims)
	num_inp_dims	Negative Zero
	eps	Negative
	-11-1	Zero
xa_nn_cat	pp_inps	One of the inputs is null
	11- 1	Unaligned pointer
	p_out	Null
		Unaligned pointer
	p_axis	Value is negative
		Out of range (> num_inp_dims)
	num_inp_dims	Negative Zero
	num inn	Negative
	num_inp	Zero
	elm_size	Three
	5 <u>_</u> 5.25	Zero
		Negative
		More than four
	pp_inps_shape	Null
		Unaligned pointer
		All zeros
		One of the shapes is negative
		One of the shapes is zero Different dimensions at dim other than
	p_out_shape	Null
	p_out_onape	Unaligned pointer
		All zeros
		One of the shapes is negative
		One of the shapes is zero
	p_inp	Null
		Unaligned pointer
xa_nn_elm_quantize_f32_asym4	p_out	Null
		Unaligned pointer
	p_inp_shape	Null
		Unaligned pointer All zeros
		One of the shapes is zero
		One of the shapes is negative
	quant_min	Less than –8
	qunat_max	More than 7
	num_inp_dims	Negative
	· · · · · · · · · · · · · · · · · · ·	Zero
	p_out_scale	Null
		Unaligned pointer Value is Infinite Number
		Value is Infinite Number Value is Zero
		value is Zeio



Unaligned pointer Less than = 8 More than 7		p_out_zero_bias	Null
Less than -8 More than 7		p_0u(_2010_51u0	
P_axis			
Dut of range (* num_inp_dims) P_inp Null Unaligned pointer			More than 7
P_inp		p_axis	Value is Negative
Description			Out of range (> num_inp_dims)
P_out		p_inp	
Unaligned pointer Null Unaligned pointer All zeros One of the shapes is zero One of the shapes is negative Quant_min Less than -128 qunat_max More than 127 num_inp_dims Negative Zero D_out_scale Null Unaligned pointer Value is Infinite Number Value is Infinite Number Value is Infinite Number Value is Infinite Number Value is Negative Less than -128 More than 127 P_axis Value is Negative Out of range (> Punu_inp_dims) Null Unaligned pointer Less than -128 More than 127 P_axis Value is Negative Out of range (> Punu_inp_dims) Value is Negative Out of range (> Punu_inp_dims) P_inp Null Unaligned pointer Value is Infinite Number Value is Infinite Number Value is Infinite Number Value is Infinite Number Value is Negative Less than -32768 More than 32767 P_axis Value is Negative Null Unaligned pointer Less than -32768 Null			
P_inp_shape		p_out	-
Unaligned pointer All zeros			
All zeros One of the shapes is zero One of the shapes is negative quant_min Less than -128 qunat_max More than 127 num_inp_dims Negative Zero P_out_scale Null Unaligned pointer Value is Infinite Number Value is Zero Null Unaligned pointer Less than -128 More than 127 P_axis Value is Negative Out of range (> num_inp_dims) P_inp Unaligned pointer Less than -128 More than 127 P_out_scale Null Unaligned pointer Less than -128 More than 127 P_out_scale Null Unaligned pointer Null Unaligned pointer Null Unaligned pointer P_inp_shape Null Unaligned pointer All zeros One of the shapes is zero One of the shapes is negative quant_min Less than -32768 qunat_max More than 32767 num_inp_dims Negative Zero P_out_scale Null Unaligned pointer Value is Infinite Number Value is Negative Less than -32768 More than 32767 P_axis Value is Negative Val		p_inp_shape	
One of the shapes is zero One of the shapes is regative quant_min Less than -128 qunat_max More than 127 num_inp_dims Negative Zero p_out_scale Null Unaligned pointer Value is Infinite Number Value is Sero p_axis P_inp Null Unaligned pointer Less than -128 More than 127 p_axis Value is Negative Quart_min Unaligned pointer Less than -128 More than 127 P_inp Null Unaligned pointer P_inp Null Unaligned pointer All zeros One of the shapes is zero One of the shapes is negative quant_min Less than -32768 quant_max More than 32767 Null Unaligned pointer All zeros One of the shapes is negative Quant_min Less than -32768 Quant_max More than 32767 P_axis Value is Negative Value is Infinite Number Value is Zero P_out_zero_bias More than 32767 P_axis Value is Negative			
Quant_min Less than -128			
quant_min Less than -128 qunat_max More than 127			
qunat_max More than 127		quant min	
Negative Negative Zero		·	
Description		qunat_max	
P_out_scale	xa_nn_elm_quantize_f32_asym8	num_inp_dims	
Unaligned pointer Value is Zero p_out_zero_bias Null Unaligned pointer Less than -128 More than 127 p_axis Value is Negative Out of range (> num_inp_dims) P_inp Null Unaligned pointer p_out Null Unaligned pointer p_inp_shape Null Unaligned pointer Null Unaligned pointer All zeros One of the shapes is zero One of the shapes is negative quant_min Less than -32768 qunat_max More than 32767 xa_nn_elm_quantize_f32_asym16 p_out_zero_bias Null Unaligned pointer All zeros One of the shapes is negative quant_min Less than -32768 Null Unaligned pointer Value is Infinite Number Value is Zero p_out_zero_bias Null Unaligned pointer Unaligned pointer Value is Zero p_out_zero_bias Null Unaligned pointer Unaligned pointer Value is Zero P_out_zero_bias Null Unaligned pointer Less than -32767 P_axis Value is Negative		n out cools	
Value is Infinite Number Value is Zero		p_out_scale	
Value is Zero			
P_out_zero_bias Null Unaligned pointer Less than -128 More than 127			
Unaligned pointer Less than -128 More than 127		n out zero hias	
Less than -128 More than 127		p_out_2515_blu5	
P_axis P_axis P_axis P_axis P_inp P_inp Unaligned pointer P_out P_inp_shape P_inp_shape Null Unaligned pointer All zeros One of the shapes is zero One of the shapes is negative quant_min Less than -32768 quant_max More than 32767 Null Unaligned pointer All zeros One of the shapes is negative Quant_min Less than -32768 Quant_max More than 32767 Null Unaligned pointer Value is Infinite Number Value is Zero P_out_zero_bias Null Unaligned pointer Value is Zero P_out_zero_bias Null Unaligned pointer Value is Zero P_out_zero_bias Null Unaligned pointer Value is Negative			
Dut of range (> num_inp_dims)			More than 127
Dut of range (> num_inp_dims)		p_axis	Value is Negative
Unaligned pointer p_out Null Unaligned pointer p_inp_shape Null Unaligned pointer All zeros One of the shapes is zero One of the shapes is negative quant_min Less than -32768 qunat_max More than 32767 xa_nn_elm_quantize_f32_asym16 num_inp_dims Negative Zero p_out_scale Null Unaligned pointer Value is Infinite Number Value is Zero p_out_zero_bias Null Unaligned pointer Value is Zero p_out_zero_bias Null Unaligned pointer Value is Zero p_out_zero_bias Null Unaligned pointer Less than -32768 More than 32767 p_axis Value is Negative		·	Out of range (> num_inp_dims)
p_out Null Unaligned pointer p_inp_shape Null Unaligned pointer All zeros One of the shapes is zero One of the shapes is negative quant_min Less than -32768 qunat_max More than 32767 xa_nn_elm_quantize_f32_asym16 num_inp_dims Negative Zero p_out_scale Null Unaligned pointer Value is Infinite Number Value is Zero p_out_zero_bias Null Unaligned pointer Less than -32768 More than 32767 p_axis Value is Negative		p_inp	
Unaligned pointer p_inp_shape Null Unaligned pointer All zeros One of the shapes is zero One of the shapes is negative quant_min Less than -32768 quant_max More than 32767 num_inp_dims Negative Zero p_out_scale Null Unaligned pointer Value is Infinite Number Value is Zero p_out_zero_bias Null Unaligned pointer Value is Zero p_out_zero_bias Null Unaligned pointer Less than -32768 More than 32767 p_axis Value is Negative			
p_inp_shape Daily Daily		p_out	
Unaligned pointer All zeros One of the shapes is zero One of the shapes is negative quant_min Less than -32768 qunat_max More than 32767 num_inp_dims Negative Zero p_out_scale Null Unaligned pointer Value is Infinite Number Value is Zero p_out_zero_bias Null Unaligned pointer Less than -32768 More than 32767 p_axis Value is Negative			
All zeros One of the shapes is zero One of the shapes is negative quant_min Less than -32768 qunat_max More than 32767 num_inp_dims Negative Zero p_out_scale Null Unaligned pointer Value is Infinite Number Value is Zero p_out_zero_bias Null Unaligned pointer Less than -32768 More than 32767 p_axis Value is Negative		p_inp_shape	
One of the shapes is zero One of the shapes is negative quant_min Less than -32768 quant_max More than 32767 num_inp_dims Negative Zero p_out_scale Unaligned pointer Value is Infinite Number Value is Zero p_out_zero_bias Null Unaligned pointer Less than -32768 More than 32767 p_axis Value is Negative			
A contact of the shapes is negative quant_min			
quant_min Less than -32768 quant_max More than 32767 num_inp_dims Negative Zero p_out_scale Null Unaligned pointer Value is Infinite Number Value is Zero p_out_zero_bias Null Unaligned pointer Less than -32768 More than 32767 p_axis Value is Negative			
xa_nn_elm_quantize_f32_asym16 qunat_max Negative Zero p_out_scale Null Unaligned pointer Value is Infinite Number Value is Zero p_out_zero_bias Null Unaligned pointer Less than -32768 More than 32767 p_axis Value is Negative		quant min	
xa_nn_elm_quantize_f32_asym16 num_inp_dims Negative Zero p_out_scale Null Unaligned pointer Value is Infinite Number Value is Zero p_out_zero_bias Null Unaligned pointer Less than -32768 More than 32767 p_axis Value is Negative		,	
p_out_scale p_out_scale Dualigned pointer Value is Infinite Number Value is Zero p_out_zero_bias Null Unaligned pointer Unaligned pointer Less than -32768 More than 32767 p_axis Value is Negative	vo no alm quantina factorizado	<u>'</u>	
p_out_scale Dualigned pointer Value is Infinite Number Value is Zero p_out_zero_bias Null Unaligned pointer Less than -32768 More than 32767 p_axis Value is Negative	xa_nn_eim_quantize_t32_asym16	num_inp_dims	
Unaligned pointer Value is Infinite Number Value is Zero p_out_zero_bias Null Unaligned pointer Less than -32768 More than 32767 p_axis Value is Negative		n out seels	
Value is Infinite Number Value is Zero p_out_zero_bias Null Unaligned pointer Less than -32768 More than 32767 p_axis Value is Negative		p_out_scale	
Value is Zero p_out_zero_bias Null Unaligned pointer Less than -32768 More than 32767 p_axis Value is Negative			
p_out_zero_bias Null Unaligned pointer Less than -32768 More than 32767 p_axis Value is Negative			
Unaligned pointer Less than –32768 More than 32767 p_axis Value is Negative		n out zero bias	
Less than -32768 More than 32767 p_axis Value is Negative		p_out_2010_blub	
More than 32767 p_axis Value is Negative			
p_axis Value is Negative			
		p_axis	
		· -	Out of range (> num_inp_dims)



	p_inp	Null
	A	Unaligned pointer
	p_out	Null
	n ion about	Unaligned pointer
	p_inp_shape	Null
		Unaligned pointer
		All zeros
		One of the shapes is zero
	and the second	One of the shapes is negative
	quant_min	Less than 0
	qunat_max	More than 15
xa_nn_elm_quantize_f32_asym4u	num_inp_dims	Negative
		Zero
	p_out_scale	Null
		Unaligned pointer
		Value is Infinite Number
		Value is Zero
	p_out_zero_bias	Null
		Unaligned pointer
		Less than 0
		More than 15
	p_axis	Value is negative
		Out of range (> num_inp_dims)
	p_inp	Null
<u> </u>		Unaligned pointer
	p_out	Null Unaligned pointer
	p_inp_shape	Null
	p_irip_strape	Unaligned pointer
		All zeros
		One of the shapes is zero
		One of the shapes is negative
	quant_min	Less than 0
	qunat_max	More than 255
xa_nn_elm_quantize_f32_asym8u	num_inp_dims	Negative
· ·	nam_mp_amia	Zero
	p_out_scale	Null
	F-1-2-7-000-0	Unaligned pointer
		Value is Infinite Number
		Value is Zero
	p_out_zero_bias	Null
		Unaligned pointer
		Less than 0
		More than 255
ļ	p_axis	Value is negative
	• –	Out of range (> num_inp_dims)
	p_inp	Null
		Unaligned pointer
xa_nn_elm_quantize_f32_asym16u	p_out	Null
		Unaligned pointer
	p_inp_shape	Null
		Unaligned pointer



		All zeros
		One of the shapes is zero
		One of the shapes is negative
	quant_min	Less than 0
	qunat_max	More than 65535
	num_inp_dims	Negative
		Zero
	p_out_scale	Null
		Unaligned pointer
		Infinite Number
		Zero
	p_out_zero_bias	Null
		Unaligned pointer
		Less than 0
		More than 65535
	p_axis	Negative
		Out of range (> num_inp_dims)
	p_inp	Null
<u> </u>		Unaligned pointer
	p_out	Null
	n inn abana	Unaligned pointer
	p_inp_shape	Null
		Unaligned pointer All zeros
		One of the shapes is zero
		One of the shapes is negative
vo no ele guentizo f20 event	quant_min	Less than –8
xa_nn_elm_quantize_f32_sym4	 qunat_max	More than 7
	num_inp_dims	Negative
		Zero
	p_out_scale	Null
		Unaligned pointer
		Infinite Number
		Zero
	p_axis	Negative
		Out of range (> num_inp_dims)
	p_inp	Null
		Unaligned pointer
	p_out	Null
		Unaligned pointer
	p_inp_shape	Null
		Unaligned pointer
		All zeros
xa_nn_elm_quantize_f32_sym8		One of the shapes is zero One of the shapes is negative
	quant_min	Less than –128
_	qunat_max	More than 127
_		
	num_inp_dims	Negative Zero
<u> -</u>	p_out_scale	Null
	L	Unaligned pointer



		Infinite Number
		Zero
	p_axis	Value negative
		Out of range (> num_inp_dims)
	p_inp	Null
		Unaligned pointer
	p_out	Null
	n inn abana	Unaligned pointer Null
	p_inp_shape	Unaligned pointer
		All zeros
		One of the shapes is zero
		One of the shapes is negative
xa_nn_elm_quantize_f32_sym16	quant_min	Less than –32768
xa_iii_eiiii_quaiiuze_i3z_syiii10	qunat_max	More than 32767
	num_inp_dims	Negative
	num_mp_ums	Zero
	p_out_scale	Null
	P_000_00000	Unaligned pointer
		Infinite Number
		Zero
	p_axis	Value is negative
		Out of range (> num_inp_dims)
	p_inp	Null
	n out	Unaligned pointer Null
	p_out	Unaligned pointer
	p_inp_shape	Null
	ρρ_σαρσ	Unaligned pointer
		All zeros
		One of the shapes is zero
		One of the shapes is negative
xa_nn_elm_quantize_f32_sym4u	quant_min	Less than 0
	qunat_max	More than 15
	num_inp_dims	Negative
	·	Zero
	p_out_scale	Null
		Unaligned pointer
		Infinite Number
	p_axis	Negative
	n inn	Out of range (> num_inp_dims) Null
	p_inp	Unaligned pointer
	p_out	Null
	p_04t	Unaligned pointer
	p_inp_shape	Null
xa_nn_elm_quantize_f32_sym8u	'- '- '	Unaligned pointer
		All zeros
		One of the shapes is zero
<u>_</u>		One of the shapes is negative
	quant_min	Less than 0



	qunat_max	More than 255
	num_inp_dims	Negative
		Zero
	p_out_scale	Null
	·	Unaligned pointer
		Infinite Number
	p_axis	Negative
		Out of range (> num_inp_dims)
	p_inp	Null
<u> </u>		Unaligned pointer
	p_out	Null
_		Unaligned pointer
	p_inp_shape	Null
		Unaligned pointer
		All zeros
		One of the shapes is zero
		One of the shapes is negative
xa_nn_elm_quantize_f32_sym16u	quant_min	Less than 0
	qunat_max	More than 65535
	num_inp_dims	Negative
	_ ,_	Zero
	p_out_scale	Null
		Unaligned pointer
		Infinite Number
	p_axis	Negative
		Out of range (> num_inp_dims)
	p_inp	Null
<u> </u>		Unaligned pointer
	p_out	Null
		Unaligned pointer
	p_inp_shape	Null
		Unaligned pointer
		All Zeros
		One of the shapes is Zero
<u> </u>	. ,	One of the shapes is negative
xa_nn_elm_dequantize_f32_asym4	num_inp_dims	Negative
	n out code	Zero
	p_out_scale	Null
		Unaligned pointer Value is Infinite Number
 -	n inn zoro higo	Value is infinite Number Null
	p_inp_zero_bias	Unaligned pointer
		Less than –8
		More than 7
	p_axis	Negative
	ρ_αλίδ	Out of range (> num_inp_dims)
	p_inp	Null
	۲_""۲	Unaligned pointer
	p_out	Null
xa_nn_elm_dequantize_f32_asym8	p_ou t	Unaligned pointer
	p_inp_shape	Null
	kkk	Unaligned pointer
		Shanghou pointor



		All Zeros
		One of the shapes is Zero
_		One of the shapes is negative
	num_inp_dims	Negative
_		Zero
	p_out_scale	Null
		Unaligned pointer
		Value is Infinite Number
	p_inp_zero_bias	Null
	,	Unaligned pointer
		Less than -128
		More than 127
_	p_axis	Negative
	ρ_αλίδ	Out of range (> num_inp_dims)
	n inn	Null
	p_inp	-
<u> </u> -		Unaligned pointer
	p_out	Null
_		Unaligned pointer
	p_inp_shape	Null
		Unaligned pointer
		All Zeros
		One of the shapes is Zero
		One of the shapes is negative
	num_inp_dims	Negative
xa_nn_elm_dequantize_f32_asym16		Žero
	p_out_scale	Null
	1	Unaligned pointer
		Value is Infinite Number
	p_inp_zero_bias	Null
	h=h=====	Unaligned pointer
		Less than –32768
		More than 32767
 	p_axis	Negative
	ρ_αλίδ	Out of range (> num_inp_dims)
	n inn	Null
	p_inp	
<u> </u>	t	Unaligned pointer
	p_out	Null
	<u>.</u>	Unaligned pointer
	p_inp_shape	Null
		Unaligned pointer
		All Zeros
xa_nn_elm_dequantize_f32_asym4u -		One of the shapes is Zero
		One of the shapes is negative
	num_inp_dims	Negative
		Zero
	p_out_scale	Null
		Unaligned pointer
		Value is Infinite Number
Γ	p_inp_zero_bias	Null
		Unaligned pointer
		Less than 0
		More than 15
		INIOIO UIUII TO



	n avis	Negative
	p_axis	Out of range (> num_inp_dims)
	n inn	Null
	p_inp	Unaligned pointer
	n out	Null
	p_out	
-		Unaligned pointer
	p_inp_shape	Null
		Unaligned pointer
		All Zeros
		One of the shapes is Zero
		One of the shapes is negative
xa_nn_elm_dequantize_f32_asym8u	num_inp_dims	Negative
xa_iii_eiiii_uequaiitize_i5z_asyiiiou		Zero
	p_out_scale	Null
		Unaligned pointer
		Value is infinite Number
	p_inp_zero_bias	Null
		Unaligned pointer
		Less than 0
		More than 255
	p_axis	Negative
	F=*****	Out of range (> num_inp_dims)
	p_inp	Null
	ΡΡ	Unaligned pointer
-	p_out	Null
	p_out	Unaligned pointer
-	p_inp_shape	Null
	p_iiip_siiape	Unaligned pointer
		All Zeros
		One of the shapes is Zero
_	norman inna aliman	One of the shapes is negative
xa_nn_elm_dequantize_f32_asym16u	num_inp_dims	Negative
		Zero
	p_out_scale	Null
		Unaligned pointer
_	· · · · · · · · · · · · · · · · · · ·	Value is infinite Number
	p_inp_zero_bias	Null
		Unaligned pointer
		Less than 0
		More than 65535
	p_axis	Negative
		Out of range (> num_inp_dims)
	p_inp	Null
		Unaligned pointer
xa_nn_elm_dequantize_f32_sym4	p_out	Null
		Unaligned pointer
	p_inp_shape	Null
	· · · · · ·	Unaligned pointer
		All Zeros
		One of the shapes is Zero
_		One of the shapes is negative
	num_inp_dims	Negative
		Zero
		_0.0



	p_out_scale	Null
	p_out_scale	Unaligned pointer
		Value is infinite Number
	p_axis	Negative
	ρ_αλίο	Out of range (> num_inp_dims)
	p_inp	Null
	ΡΡ	Unaligned pointer
	p_out	Null
	p_00t	Unaligned pointer
	p_inp_shape	Null
	pp_oapo	Unaligned pointer
		All Zeros
		One of the shapes is Zero
xa_nn_elm_dequantize_f32_sym8		One of the shapes is negative
	num_inp_dims	Negative
	- 1	Zero
	p_out_scale	Null
	P	Unaligned pointer
		Infinite Number
	p_axis	Negative
	P=******	Out of range (> num_inp_dims)
	p_inp	Null
	P=P	Unaligned pointer
	p_out	Null
	h=200	Unaligned pointer
	p_inp_shape	Null
	r= r= -r	Unaligned pointer
		All Zeros
		One of the shapes is Zero
xa_nn_elm_dequantize_f32_sym16		One of the shapes is negative
	num_inp_dims	Negative
		Zero
	p_out_scale	Null
	. –	Unaligned pointer
		Value is infinite Number
	p_axis	Negative
	·	Out of range (> num_inp_dims)
	p_inp	Null
	-	Unaligned pointer
	p_out	Null
	•	Unaligned pointer
	p_inp_shape	Null
		Unaligned pointer
		All Zeros
vo no olm doquentino (22 ovm4)		One of the shapes is Zero
xa_nn_elm_dequantize_f32_sym4u		One of the shapes is negative
	num_inp_dims	Negative
		Žero
	p_out_scale	Null
		Unaligned pointer
		Infinite Number
	p_axis	Negative
		Out of range (> num_inp_dims)



	p_inp	Null
	ν_""ν	Unaligned pointer
	p_out	Null
	, –	Unaligned pointer
	p_inp_shape	Null
		Unaligned pointer
		All Zeros
xa_nn_elm_dequantize_f32_sym8u		One of the shapes is Zero
xa_m_om_aoquantizo_toz_oymou		One of the shapes is negative
	num_inp_dims	Negative
	p_out_scale	Zero Null
	p_out_scale	Unaligned pointer
		Value is infinite Number
<u></u>	p_axis	Negative
	p_axio	Out of range (> num_inp_dims)
	p_inp	Null
	r=~r	Unaligned pointer
	p_out	Null
	. –	Unaligned pointer
	p_inp_shape	Null
		Unaligned pointer
		All Zeros
xa_nn_elm_dequantize_f32_sym16u		One of the shapes is Zero
	anna ina diana	One of the shapes is negative
	num_inp_dims	Negative Zero
	p_out_scale	Null
	p_out_scale	Unaligned pointer
		Value is infinite Number
	p_axis	Value is negative
	r=-	Out of range (> num_inp_dims)
	p_inp1	Null
		Unaligned pointer
	p_inp2	Null
xa_nn_elm_sub_f32xf32_f32		Unaligned pointer
Xd_1111_01111_3db_102X102_102	p_out	Null
		Unaligned pointer
	num_elm	Negative
	n inn1	Zero Null
	p_inp1	Unaligned pointer
<u></u>	p_out	Null
xa_nn_elm_sub_scalar_f32xf32_f32	ρ_σαι	Unaligned pointer
	num_elm	Negative
		Zero
	p_inp1	Null
	· ·	Unaligned pointer
xa_nn_elm_sub_broadcast_5D_f32xf32	p_inp2	Null
_f32		Unaligned pointer
	p_out	Null
		Unaligned pointer



p_inp1_shape Null Unaligned pointer	
All zeroes	
One of the shapes ze	oro
One of the shapes negative sha	
p_inp2_shape Null	auve
p_inp2_snape Null Unaligned pointer	
All zeroes	
One of the shapes ze	vro.
One of the shapes regarded.	
	alive
Unaligned pointer All zeroes	
One of the shapes ze	
One of the shapes nega	auve
num_inp_dims Negative	
Zero	
Out of Range	
p_inp1 Null	
Unaligned pointer	
p_inp2 Null	
xa_nn_elm_sub_f32x32xf32_f32 Unaligned pointer	
Unaligned pointer	
num_elm Negative	
Zero	
p_inp1 Null	
Unaligned pointer	
xa_nn_elm_sub_scalar_f32x32xf32_f32	
Orlangried pointer	
num_elm Negative	
Zero	
p_inp1 Null	
Unaligned pointer	
p_inp2 Null	
Unaligned pointer	
p_out Null	
Unaligned pointer	
p_inp1_shape Null	
Unaligned pointer	
All zeroes	
One of the shapes ze	ero
xa_nn_eim_sub_broadcast_5D_t32x32 One of the shapes neg	
xf32_f32 p_inp2_shape Null	
Unaligned pointer	
All zeroes	
One of the shapes ze	ro
One of the shapes nega	
p_out_shape Null	
Unaligned pointer	
All zeroes	
One of the shapes ze	ero
One of the shapes nega	



	num_inp_dims	Negative
	num_mp_ums	Zero
		Out of Range
	p_inp1	Null
	F=F	Unaligned pointer
	p_inp2	Null
	F=F=	Unaligned pointer
xa_nn_elm_sub_f32x32x32_f32	p_out	Null
	F=	Unaligned pointer
	num_elm	Negative
	_	Žero
	p_inp1	Null
	1 – 1	Unaligned pointer
	p_out	Null
xa_nn_elm_sub_scalar_f32x32x32_f32	r=	Unaligned pointer
	num_elm	Negative
		Zero
	p_inp1	Null
	1 – 1	Unaligned pointer
	p_inp2	Null
	r = r	Unaligned pointer
	p_out	Null
	r=	Unaligned pointer
	p_inp1_shape	Null
	F= F = - F	Unaligned pointer
		All zeroes
		One of the shapes zero
		One of the shapes negative
xa_nn_elm_sub_broadcast_5D_f32x32	p_inp2_shape	Null
x32_f32		Unaligned pointer
_		All zeroes
		One of the shapes zero
		One of the shapes negative
	p_out_shape	Null
		Unaligned pointer
		All zeroes
		One of the shapes zero
		One of the shapes negative
	num_inp_dims	Negative
		Zero
		Out of Range
	p_inp1	Null
		Unaligned pointer
	p_inp2	Null
vo no olm oub 20-420-420 420		Unaligned pointer
xa_nn_elm_sub_32xf32xf32_f32	p_out	Null
		Unaligned pointer
	num_elm	Negative
		Zero
	p_inp1	Null
vo nn alm aub assler 20/400/400 400	<u> </u>	Unaligned pointer
xa_nn_elm_sub_scalar_32xf32xf32_f32	p_out	Null
		Unaligned pointer



	num_elm	Negative
	num_cm	Zero
	p_inp1	Null
	νν	Unaligned pointer
	p_inp2	Null
	PP=	Unaligned pointer
	p_out	Null
	p_00.	Unaligned pointer
	p_inp1_shape	Null
	F=b. ,=b. c	Unaligned pointer
		All zeroes
		One of the shapes zero
		One of the shapes negative
xa_nn_elm_sub_broadcast_5D_32xf32	p_inp2_shape	Null
xf32_f32	r= r = r -	Unaligned pointer
		All zeroes
		One of the shapes zero
		One of the shapes negative
	p_out_shape	Null
		Unaligned pointer
		All zeroes
		One of the shapes zero
		One of the shapes negative
	num_inp_dims	Negative
	·	Zero
		Out of Range
	p_inp1	Null
		Unaligned pointer
	p_inp2	Null
va na alea auk 20vf20v20 f20		Unaligned pointer
xa_nn_elm_sub_32xf32x32_f32	p_out	Null
		Unaligned pointer
	num_elm	Negative
		Zero
	p_inp1	Null
		Unaligned pointer
vo nn olm cub coolar 20vf20v20 f20	p_out	Null
xa_nn_elm_sub_scalar_32xf32x32_f32		Unaligned pointer
	num_elm	Negative
		Zero
	p_inp1	Null
		Unaligned pointer
	p_inp2	Null
<u> </u>		Unaligned pointer
	p_out	Null
va nn alm sub broadcast ED 20vf20		Unaligned pointer
xa_nn_elm_sub_broadcast_5D_32xf32	p_inp1_shape	Null
x32_f32		Unaligned pointer
		All zeroes
		One of the shapes zero
		One of the shapes negative
	p_inp2_shape	Null
		Unaligned pointer



		All zeroes
		One of the shapes zero
		One of the shapes regative
	n out abone	
	p_out_shape	Null
		Unaligned pointer
		All zeroes
		One of the shapes zero
		One of the shapes negative
	num_inp_dims	Negative
		Zero
		Out of Range
	p_inp1	Null
		Unaligned pointer
	p_inp2	Null
	1- 1	Unaligned pointer
xa_nn_elm_sub_32x32_32	p_out	Null
	p_64.	Unaligned pointer
<u> </u>	num_elm	Negative
	nam_em	Zero
	n inn1	Null
	p_inp1	
<u> </u>		Unaligned pointer
xa_nn_elm_sub_scalar_32x32_32	p_out	Null
		Unaligned pointer
	num_elm	Negative
		Zero
	p_inp1	Null
		Unaligned pointer
	p_inp2	Null
		Unaligned pointer
	p_out	Null
	. –	Unaligned pointer
	p_inp1_shape	Null
	F=b.,=b.	Unaligned pointer
		All zeroes
		One of the shapes zero
		One of the shapes negative
xa_nn_elm_sub_broadcast_5D_32x32_	n inn? chano	Null
	p_inp2_shape	
32		Unaligned pointer All zeroes
		One of the shapes zero
		One of the shapes negative
	p_out_shape	Null
		Unaligned pointer
		All zeroes
		One of the shapes zero
		One of the shapes negative
	num_inp_dims	Negative
		Zero
		Out of Range
	p_inp	Null
	· – ·	Unaligned pointer
xa_nn_slice	p_out	Null
	F_200	Unaligned pointer
		Original politici



1	n ovio	Value is negative
	p_axis	
	array from Alice	Out of range (> num_inp_dims)
	num_inp_dims	Negative
		Zero
	elm_size	Three
		Zero
		Negative
		More than four
	p_inp_shape	Null
		Unaligned pointer
		Zeros
	p_out_shape	Null
	h_rad_ampha	Unaligned pointer
		Zeros
	step	Negative
	step	Zero
	start	Negative Negative
	Start	
		Greater Than dim_len
	end	Negative
		Less than Start
		Greater than Dim_len
	p_inp1	Null
		Unaligned pointer
	p_inp2	Null
	. – .	Unaligned pointer
	p_out	Null
xa_nn_elm_div_32x32_32	P	Unaligned pointer
X4_111_0111_41V_02X02_02	mode	Greater than 2
	mode	Negative
		Hogaire
	num_elm	Negative
		Zero
	p_inp1	Null
	ρρ ι	Unaligned pointer
	n out	Null
	p_out	
xa_nn_elm_div_scalar_32x32_32		Unaligned pointer
	mode	Greater than 2
		Negative
	num_elm	Negative
		Zero
	p_inp1	Null
		Unaligned pointer
	p_inp2	Null
		Unaligned pointer
	p_out	Null
xa_nn_elm_div_broadcast_5D_32x32_	r — 2 2 2	Unaligned pointer
32	p_inp1_shape	Null
	Pb0.1040	Unaligned pointer
		All zeros
		One of the shapes is zero
		One of the shapes negative



	p_inp2_shape	Null
	p_iiipz_siiape	Unaligned pointer
		All zeros
		One of the shapes is zero
		One of the shapes negative
_	p_out_shape	Null
	p_our_onapo	Unaligned pointer
		All zeros
		One of the shapes is zero
		One of the shapes negative
	mode	Greater than 2
		Negative
	num_inp_dims	Negative
	·	Zero
		Out of range (> 5)
	p_inp1	Null
		Unaligned pointer
	p_inp2	Null
va. nn. alm. div. 32v32 f32		Unaligned pointer
xa_nn_elm_div_32x32_f32	p_out	Null
		Unaligned pointer
	num_elm	Negative
		Zero
	p_inp1	Null
<u> </u>		Unaligned pointer
xa_nn_elm_div_scalar_32x32_f32	p_out	Null
Xu_1111_0111_011V_0001011_02X02_102		Unaligned pointer
	num_elm	Negative
		Zero
	p_inp1	Null
<u> </u>	- :0	Unaligned pointer
	p_inp2	Null
<u> </u>	n out	Unaligned pointer Null
	p_out	
<u> </u>	n innt abone	Unaligned pointer Null
	p_inp1_shape	Unaligned pointer
		All zeros
		One of the shapes is zero
		One of the shapes negative
xa_nn_elm_div_broadcast_5D_32x32_f	p_inp2_shape	Null
32	pp=_onapo	Unaligned pointer
		All zeros
		One of the shapes is zero
		One of the shapes negative
	p_out_shape	Null
	· = - ·	Unaligned pointer
		All zeroes
		One of the shapes zero
		One of the shapes negative
	num_inp_dims	Negative
		Zero
		Out of range (> 5)



	p_inp1	Null
_		Unaligned pointer
	p_inp2	Null
		Unaligned pointer
	p_out	Null
xa_nn_elm_div_f32xf32_f32		Unaligned pointer
	mode	Greater than 2
		Negative
	num_elm	Negative
		Zero
	p_inp1	Null
	ρ_πρι	Unaligned pointer
	···t	Null
	p_out	
xa_nn_elm_div_scalar_f32xf32_f32 —		Unaligned pointer
X4_1111_0111_41V_004141_102X102_102	mode	Greater than 2
		Negative
	num_elm	Negative
		Zero
	p_inp1	Null
	. – .	Unaligned pointer
	p_inp2	Null
	FF=	Unaligned pointer
<u> </u>	p_out	Null
	p_out	Unaligned pointer
	n inn1 shans	Null
	p_inp1_shape	-
		Unaligned pointer
		All zeroes
		One of the shapes zero
		One of the shapes negative
	p_inp2_shape	Null
xa_nn_elm_div_broadcast_5D_f32xf32		Unaligned pointer
_f32		All zeroes
_		One of the shapes zero
		One of the shapes negative
	p_out_shape	Null
	p_0at_0ap0	Unaligned pointer
		All zeroes
		One of the shapes zero
		One of the shapes negative
<u> </u>	mada	Greater than 2
	mode	
	 	Negative
	num_inp_dims	Negative
		Zero
		Out of range (> 5)
	p_inp	Null
		Unaligned pointer
	p_out	Null
xa_nn_permute	r —	Unaligned pointer
Ad_III_politide	p_inp_shape	Null
	ρ_πιρ_σπα ρ σ	Unaligned pointer
		All zeroes
		All Zelues



		One of the shapes is zero
		One of the shapes is negative
	p_out_shape	Null
	b_our_ougho	Unaligned pointer
		All zeroes
		One of the shapes is zero
		One of the shapes is negative
	p_permute_vec	Null
	1-1 -	Unaligned pointer
		All zeroes
		One of the dims is zero
		One of the dims is negative
	num_inp_dims	Negative
		Zero
		Out of range
	elm_size	Negative
		Zero
		Out of range
	p_inp	Null
		Unaligned Pointer
	p_out	Null
xa_nn_elm_exp_f32_f32	• –	Unaligned pointer
	num_elm	Negative
		Zero
	p_inp	Null
		Unaligned Pointer
	p_out	Null
	• –	Unaligned Pointer
	p_scratch	Null
		Unaligned Pointer
	p_axis	Null
		Unaligned Pointer
		All Zeroes
		One of the dims as negative
	p_inp_shape	Null
		Unaligned Pointer
		All zeroes
		One of shape is zero
xa_nn_mean_f32_f32		One of shape is Negative
	p_out_shape	Null
		Unaligned Pointer
		All zeroes
		One of shape is zero
		One of shape is Negative
	num_inp_dims	Negative
		Zero
		Out of range
	num_out_dims	Negative
		Zero
		Out of range
	num_axis_dims	Negative
		Zero
		Out of range



		NL.II
	p_out	Null
		Unaligned Pointer
xa_nn_elm_sqrt_f32_f32	p_inp	Null
	numa alma	Unaligned Pointer
	num_elm	Negative
		Zero
	p_out	Null
<u> </u>		Unaligned Pointer Null
xa_nn_elm_rsqrt_f32_f32	p_inp	
·	no como a los	Unaligned Pointer
	num_elm	Negative
		Zero Null
	p_out	
	n ban	Unaligned Pointer
xa_nn_sigmoid_f32_f32	p_inp	Null
		Unaligned Pointer
	vec_length	Negative
		Zero
	p_out	Null
		Unaligned Pointer
xa_nn_tanh_f32_f32	p_inp	Null
		Unaligned Pointer
	vec_length	Negative
		Zero
	p_out	Null
		Unaligned Pointer
	p_inp	Null
		Unaligned Pointer
xa_nn_elm_clamp_8_8	p_max	Null
/aop_o_o		Unaligned Pointer
	p_min	Null
<u> </u>	1	Unaligned Pointer
	num_elm	Negative
		Zero
	p_out	Null
<u> </u>		Unaligned Pointer
	p_inp	Null
<u> </u>		Unaligned Pointer
xa_nn_elm_clamp_8u_8u	p_max	Null
	·	Unaligned Pointer
	p_min	Null
<u> </u>		Unaligned Pointer
	num_elm	Negative
		Zero
	p_out	Null
		Unaligned Pointer
	p_inp	Null
xa_nn_elm_clamp_16_16		Unaligned Pointer
sp_ 10_10	p_max	Null
<u> </u>		Unaligned Pointer
	p_min	Null
		Unaligned Pointer



	norma alma	Negative
	num_elm	Negative
		Zero
	p_out	Null
		Unaligned Pointer
	p_inp	Null
		Unaligned Pointer
	p_max	Null
xa_nn_elm_clamp_f32_f32		Unaligned Pointer
	p_min	Null
		Unaligned Pointer
	num_elm	Negative
	_	Zero
	p_out	Null
	<u>p_</u> 04.	Unaligned Pointer
	p_inp	Null
xa_nn_elm_clamp_scalar_8_8	ρ_πιρ	Unaligned Pointer
	num alm	
	num_elm	Negative
		Zero
	p_out	Null
		Unaligned Pointer
xa_nn_elm_clamp_scalar_8u_8u	p_inp	Null
xa_iii_oiiii_oiaiiip_oodiai_ou_ou		Unaligned Pointer
	num_elm	Negative
		Zero
	p_out	Null
		Unaligned Pointer
	p_inp	Null
xa_nn_elm_clamp_scalar_16_16	1- 1	Unaligned Pointer
	num_elm	Negative
		Zero
	p_out	Null
	ρ_σατ	Unaligned Pointer
	n inn	Null
xa_nn_elm_clamp_scalar_f32_f32	p_inp	_
<u> </u>		Unaligned Pointer
	num_elm	Negative
		Zero
	p_out	Null
<u>_</u>		Unaligned pointer
	p_out_shape	Null
		Unaligned pointer
		All zeroes
		One of the shapes zero
		One of the shapes negative
Vo nn alm alamn haardeast ED 0.0	p_inp	Null
xa_nn_elm_clamp_broadcast_5D_8_8	. – .	Unaligned pointer
	p_inp_shape	Null
	r — r — r -	Unaligned pointer
		All zeroes
		One of the shapes zero
		One of the shapes negative
	p_min	Null
	ν_111111	Unaligned pointer
		Unalighed pointer



	p_min_shape	Null
		Unaligned pointer
		All zeroes
		One of the shapes zero
		One of the shapes negative
	p_max	Null
		Unaligned pointer
	p_max_shape	Null
		Unaligned pointer
		All zeroes
		One of the shapes zero
		One of the shapes negative
	num_inp_dims	Negative
	num_mp_ums	Zero
		Out of Range
	p_out	Null
		Unaligned pointer
	p_out_shape	Null
	,	Unaligned pointer
		All zeroes
		One of the shapes zero
		One of the shapes negative
	p_inp	Null
		Unaligned pointer
	p_inp_shape	Null
		Unaligned pointer
		All zeroes
		One of the shapes zero
		One of the shapes negative
	n min	Null
xa_nn_elm_clamp_broadcast_5D_8u_8	p_min	-
'-		Unaligned pointer
	p_min_shape	Null
		Unaligned pointer
		All zeroes
		One of the shapes zero
		One of the shapes negative
	p_max	Null
	ραχ	Unaligned pointer
	n may shans	Null
	p_max_shape	
		Unaligned pointer
		All zeroes
		One of the shapes zero
		One of the shapes negative
	num_inp_dims	Negative
	–	Zero
		Out of Range
	p_out	Null
	ρ_ουι	
		Unaligned pointer
xa_nn_elm_clamp_broadcast_5D_16_1	p_out_shape	Null
6		Unaligned pointer
U		All zeroes
		One of the shapes zero
		One of the shapes negative



	p_inp	Null
		Unaligned pointer
	p_inp_shape	Null
		Unaligned pointer
		All zeroes
		One of the shapes zero
	·	One of the shapes negative
	p_min	Null
	· · · · · · · · · · · · · · · · · · ·	Unaligned pointer
	p_min_shape	Null
		Unaligned pointer
		All zeroes
		One of the shapes zero
		One of the shapes negative
	p_max	Null
		Unaligned pointer
	p_max_shape	Null
		Unaligned pointer
		All zeroes
		One of the shapes zero
		One of the shapes negative
	num_inp_dims	Negative
		Zero
		Out of Range
	p_out	Null
		Unaligned pointer
	p_out_shape	Null
		Unaligned pointer
		All zeroes
		One of the shapes zero
		One of the shapes negative
	p_inp	Null
		Unaligned pointer
	p_inp_shape	Null
		Unaligned pointer
		All zeroes
		One of the shapes zero
xa_nn_elm_clamp_broadcast_5D_f32_f		One of the shapes negative
32	p_min	Null
		Unaligned pointer
	p_min_shape	Null
		Unaligned pointer
		All zeroes
		One of the shapes zero
		One of the shapes negative
	p_max	Null
		Unaligned pointer
	p_max_shape	Null
		Unaligned pointer
		All zeroes
		One of the shapes zero
		One of the shapes negative



	num_inp_dims	Negative
	num_mp_ums	Zero
		Out of Range
	p_inp1	Null
	P=**F	Unaligned pointer
	p_inp2	Null
	F=**F=	Unaligned pointer
xa_nn_elm_less_f32xf32_bool —	p_out	Null
	·-	Unaligned pointer
	num_elm	Negative
	_	Žero
	p_inp1	Null
		Unaligned pointer
	p_out	Null
xa_nn_elm_less_scalar_f32xf32_bool	. –	Unaligned pointer
	num_elm	Negative
		Žero
	p_inp1	Null
		Unaligned pointer
	p_inp2	Null
		Unaligned pointer
	p_out	Null
	*	Unaligned pointer
	p_inp1_shape	Null
		Unaligned pointer
		All zeroes
		One of the shapes zero
		One of the shapes negative
xa_nn_elm_less_broadcast_5D_f32xf3	p_inp2_shape	Null
2_bool		Unaligned pointer
		All zeroes
		One of the shapes zero
		One of the shapes negative
	p_out_shape	Null
		Unaligned pointer
		All zeroes
		One of the shapes zero
	norma in a dina	One of the shapes negative
	num_inp_dims	Negative Zero
	n inn¹	Out of Range Null
	p_inp1	Unaligned pointer
 	p_inp2	Null
	μ_πιμε	Unaligned pointer
 	p_out	Null
xa_nn_elm_where_f32xf32_f32	p_out	Unaligned pointer
 	p_cond	Null
	p_cond	Unaligned pointer
 -	num_elm	Negative
	num_emi	Zero
	p_inp1	Null
	Υ_""Ρ"	Unaligned pointer
		Changhou pointer



	p_inp2	Null
		Unaligned pointer
	p_out	Null
		Unaligned pointer
	p_cond	Null
		Unaligned pointer
	p_inp1_shape	Null
		Unaligned pointer
		All zeroes
		One of the shapes zero
<u> </u>		One of the shapes negative
	p_inp2_shape	Null
		Unaligned pointer
xa_nn_elm_where_broadcast_5D_f32xf		All zeroes
32_f32		One of the shapes zero
32_132		One of the shapes negative
	p_out_shape	Null
		Unaligned pointer
		All zeroes
		One of the shapes zero
		One of the shapes negative
	p_cond_shape	Null
		Unaligned pointer
		All zeroes
		One of the shapes zero
		One of the shapes negative
	num_inp_dims	Negative
		Zero
		Out of Range



3. References

[1] FusionG3-NNLib-API.pdf