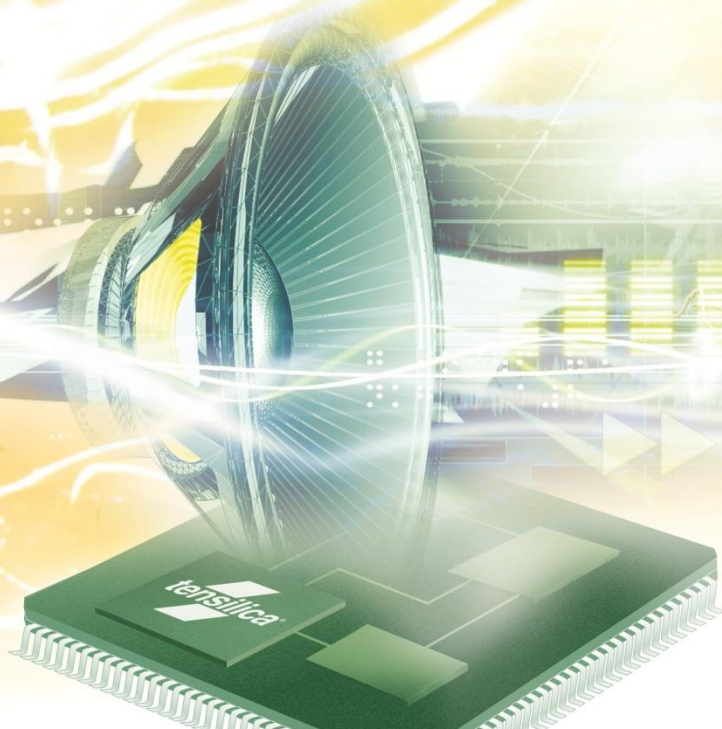




Fusion G3 Neural Network Library

Test report



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Version 1.2
February 2025

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Document Change History

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

Table 2-1 Details of Setup Used for tests

Library Name	FusionG3 Neural Network Library
Library Version	1.2
Library API Version	1.2
Core Name	FusionG3
Tool Chain	RI-2022.10
Build Target	Release

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

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

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	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

■ **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	3

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
0.0000004172325134277343750	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

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
-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

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
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

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
0.1160366833209991455	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

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
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
xa_nn_elm_add_32x32_32	Inp1: 3, 2, 2, 1 Inp2: 3, 2, 2, 1
	Inp1: 7, 3, 1, 5 Inp2: 7, 3, 1, 5
	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
xa_nn_elm_add_scalar_32x32_32	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, 1, 3, 5 Inp2: 3, 5, 3, 5
xa_nn_elm_add_broadcast_5D_32x32_32	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 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 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

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
xa_nn_elm_mul_32x32_32	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 Inp2: 9, 7, 3, 8
	Inp1: 4, 10, 2, 4 Inp2: 4, 10, 2, 4
	Inp1: 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
xa_nn_elm_mul_scalar_32x32_32	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
	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
xa_nn_elm_mul_broadcast_5D_32x32_32	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 Inp2: 12, 35, 52, 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 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: 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
xa_nn_elm_add_f32xf32_f32	Inp1: 5, 4, 4, 7 Inp2: 5, 4, 4, 7
	Inp1: 3, 9, 6, 1, 10 Inp2: 3, 9, 6, 1, 10
	Inp1: 7, 3, 10 Inp2: 7, 3, 10
	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

Kernel name	Parameters
	Inp1: 7, 2, 2, 7, 10 Inp2: 7, 2, 2, 7, 10
	Inp1: 2, 3, 4 Inp2: 2, 3, 4
	Inp1: 2, 7, 2, 2 Inp2: 2, 7, 2, 2
xa_nn_elm_add_scalar_f32xf32_f32	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 Inp2: 1
	Inp1: 1, 4, 1, 10 Inp2: 1
	Inp1: 8, 6, 7, 2, 9 Inp2: 1
	Inp1: 6, 6, 6 Inp2: 1
xa_nn_elm_add_broadcast_5D_f32xf32_f32	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: 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

Kernel name	Parameters
xa_nn_elm_mul_f32xf32_f32	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 Inp2: 8, 3, 2, 6
	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 Inp2: 7, 6, 2
xa_nn_elm_mul_scalar_f32xf32_f32	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 Inp2: 1
	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, 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
xa_nn_vec_softmax_dim_f32_f32	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
	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 Inp: 3, 3, 1, 1
	Axis = 2 Inp: 3, 3, 1, 1
	Axis = 0 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
xa_nn_layernorm_f32_f32	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
	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
xa_nn_cat – Signed 8-bit	Inp1: 4, 5, 6, 7 Inp2: 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 Inp2: 2, 3, 4, 6 Axis: 3
	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 Inp3: 5, 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, 2 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
xa_nn_cat – Signed 16-bit	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
	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

Kernel name	Parameters
	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 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

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
xa_nn_cat – Signed 32-bit	Inp1: 7, 9, 9, 2 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, 2, 3, 4 Axis: 2
	Inp1: 6, 7, 2 Inp2: 6, 7, 2 Inp1 1, 7, 2 Axis: 0
xa_nn_cat – Unsigned 8-bit	Inp1: 5, 4, 6 Inp2: 5, 8, 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 Inp4: 4, 5, 6, 2 Axis: 3
	Inp1: 5, 7, 8 Inp2: 5, 7, 2 Axis: 2
	Inp1: 8, 2, 3, 4 Inp2: 6, 2, 3, 4 Axis: 0
	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 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
	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 Inp2: 7, 5, 6 Inp3: 5, 5, 6 Axis: 0
	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
xa_nn_cat – Unsigned 16-bit	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
	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, 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 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

Kernel name	Parameters
	Inp2: 2, 2, 3, 4, 12 Axis: 4
xa_nn_cat – Unsigned 32-bit	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, 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

Kernel name	Parameters
	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
	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: 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
	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 Axis: 1
	Inp1: 5, 9, 2, 2 Inp2: 8, 9, 2, 2 Inp3: 1, 9, 2, 2 Axis: 0
xa_nn_elm_quantize_f32_asym4	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
	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

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=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
	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

Kernel name	Parameters
	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
xa_nn_elm_quantize_f32_asym16	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
	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, 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=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
xa_nn_elm_quantize_f32_asym4u	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 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

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
xa_nn_elm_quantize_f32_asym8u	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
	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, 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

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
xa_nn_elm_quantize_f32_asym16u	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
	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, 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
xa_nn_elm_quantize_f32_sym4	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
	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, 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

Kernel name	Parameters
	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
xa_nn_elm_quantize_f32_sym8	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 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=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
xa_nn_elm_quantize_f32_sym16	Inp: 11, 6, 9, 6, 9
	Inp: 11, 6, 7, 6, 10
	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, 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

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
xa_nn_elm_quantize_f32_sym4u	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 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

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

Kernel name	Parameters
xa_nn_elm_quantize_f32_sym8u	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 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
xa_nn_elm_quantize_f32_sym16u	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
	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, 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

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
xa_nn_elm_dequantize_f32_asym4	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
	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
xa_nn_elm_dequantize_f32_asym8	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
	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, 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
xa_nn_elm_dequantize_f32_asym16	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
	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

Kernel name	Parameters
	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
	Axis=2 Inp: 7, 7, 11, 9
	Axis=1 Inp: 8, 8, 9, 7
xa_nn_elm_dequantize_f32_asym4u	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

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
xa_nn_elm_dequantize_f32_asym8u	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
	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

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, 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

Kernel name	Parameters
	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
xa_nn_elm_dequantize_f32_sym4	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
	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, 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
xa_nn_elm_dequantize_f32_sym8	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 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

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
xa_nn_elm_dequantize_f32_sym16	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
	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

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, 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: 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
xa_nn_elm_dequantize_f32_sym4u	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 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
xa_nn_elm_dequantize_f32_sym8u	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

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, 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

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
xa_nn_elm_dequantize_f32_sym16u	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
	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

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
xa_nn_elm_sub_f32xf32_f32	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

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
xa_nn_elm_sub_f32x32xf32_f32	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

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
xa_nn_elm_sub_f32x32x32_f32	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 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
xa_nn_elm_sub_32xf32xf32_f32	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 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

Kernel name	Parameters
	Inp2: 2, 3, 1, 2, 4
	Inp1: 1, 3, 2, 4
	Inp2: 1, 3, 2, 4
	Inp1: 4, 1, 2, 1
xa_nn_elm_sub_32xf32x32_f32	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
	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
xa_nn_elm_sub_scalar_f32xf32_f32	Inp1: 7, 6, 3, 9
	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 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
xa_nn_elm_sub_scalar_f32x32xf32_f32	Inp1: 7, 6, 3, 9 Inp2: 1
	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
xa_nn_elm_sub_scalar_f32x32x32_f32	Inp1: 7, 6, 3, 9 Inp2: 1
	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
xa_nn_elm_sub_scalar_32xf32xf32_f32	Inp1: 7, 6, 3, 9 Inp2: 1
	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
xa_nn_elm_sub_scalar_32xf32x32_f32	Inp1: 7, 6, 3, 9 Inp2: 1
	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
xa_nn_elm_sub_broadcast_5D_f32xf32_f32	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

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
	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: 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
xa_nn_elm_sub_broadcast_5D_f32x32xf32_f32	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
	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

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, 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
xa_nn_elm_sub_broadcast_5D_f32x32x32_f32	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 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
xa_nn_elm_sub_broadcast_5D_32xf32xf32_f32	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

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
xa_nn_elm_sub_broadcast_5D_32xf32x32_f32	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 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
xa_nn_elm_sub_32x32_32	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
	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: 6, 4, 6, 8 Inp2: 6, 4, 6, 8

Kernel name	Parameters
xa_nn_elm_sub_scalar_32x32_32	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 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
xa_nn_elm_sub_broadcast_5D_32x32_32	Inp1: 4, 1, 1, 2 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

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, 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

Kernel name	Parameters
	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: 2, 1, 1, 1 Inp2: 1, 1, 1, 1
	Inp1: 1, 160, 7, 7 Inp2: 34, 160, 7, 7
xa_nn_slice – Signed 8-bit	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 end: 8 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 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
	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, 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
xa_nn_slice – Signed 16-bit	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 end: 3 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

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

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

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: 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
xa_nn_slice – Signed 32-bit	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 start: 3 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

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

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

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
xa_nn_slice – Unsigned 8-bit	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 start: 2 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	Parameters
	Inp1: 4, 7, 8, 4 axis: 3 start: 0 end: 0 step: 5
	Inp1: 5 9, , 7, 5 axis: 1 start: 5 end: 6 step: 9
	Inp1: 8, 9, 7, 9, 7 axis: 4 start: 0 end: 6 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

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 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
	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
	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

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 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 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
xa_nn_slice – Unsigned 16-bit	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
	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
	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
	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

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

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, 1 axis: 0 start: 0 end: 0 step: 1
	Inp1: 1, 1, 1, 1 axis: 1 start: 0 end: 0 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
xa_nn_slice – Unsigned 32-bit	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 end: 2 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

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

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 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 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

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

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
xa_nn_elm_div_scalar_32x32_32	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
	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
xa_nn_elm_div_broadcast_5D_32x32_32	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

Kernel name	Parameters
	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 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

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, 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 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, 1, 2 Mode: 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
xa_nn_elm_div_32x32_f32	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
	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
xa_nn_elm_div_scalar_32x32_f32	Inp1: 4, 1, 2, 1
	Inp1: 7, 11, 4, 9
	Inp1: 8, 11, 8, 11
	Inp1: 11, 11, 9, 4
	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
xa_nn_elm_div_broadcast_5D_32x32_f32	Inp1: 15, 10, 5, 30, 18 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
	Inp1: 1, 1, 38, 1 Inp2: 1, 1, 38, 45
	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

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 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
	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
xa_nn_elm_div_f32xf32_f32	Inp1: 7, 10, 11, 4, 9 Mode: 1
	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

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
xa_nn_elm_div_scalar_f32xf32_f32	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
	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

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
xa_nn_elm_div_broadcast_5D_f32xf32_f32	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

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 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 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 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 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

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, 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 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, 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, 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 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

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 Inp2: 1, 1, 1 Mode: 1
	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 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
	Inp1: 2, 1, 1, 1 Inp2: 1, 1, 1, 1 Mode: 1
xa_nn_permute – Signed 8-bit	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
	permute_vec: 2, 0, 1 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
xa_nn_permute – Signed 16-bit	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
	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
xa_nn_permute – Signed 32-bit	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
	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
xa_nn_permute – Unsigned 8-bit	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
	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
xa_nn_permute – Unsigned 16-bit	permute_vec: 3, 2, 1, 0, 4 Inp1: 9, 25, 10, 10, 7

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
xa_nn_permute – Unsigned 32-bit	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 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

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
xa_nn_elm_exp_f32_f32	Inp1: 7, 7, 4
	Inp1: 10, 4, 9, 3, 4
	Inp1: 10, 3, 6
	Inp1: 1, 4, 9, 7
	Inp1: 5, 7, 9, 7, 9
	Inp1: 1, 1, 4, 9
xa_nn_mean_f32_f32	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
	Axis=0 Inp: 8, 17
	Axis=0 Inp: 3, 17
	Axis=2 Inp: 46, 3, 56
	Axis=Null Inp: 5, 8
	Axis= Null Inp: 2, 2, 4, 8, 5
	Axis= Null Inp: 5, 4, 5, 4

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
xa_nn_elm_less_f32xf32_bool	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
	Inp1: 4, 5, 8, 7, 7 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 Inp2: 1, 1, 1
	Inp1: 1, 1, 8, 9 Inp2: 1, 1, 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: 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
Xa_nn_elm_less_scalar_f32xf32_bool	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 Inp2: 11
	Inp1: 4, 5, 6, 9 Inp2: 1
	Inp1: 10, 9, 5, 9 Inp2: 1
	Inp1: 4, 10, 8, 7 Inp2: 1
	Inp1: 3, 2 Inp2: 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
	Inp1: 1, 1, 1 Inp2: 1
	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
	Inp1: 4, 1, 2, 1 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
xa_nn_elm_less_broadcast_5D_f32xf32_bool	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
	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
	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 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 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: 2, 3, 1, 2 Inp2: 2, 1, 3, 2
	Inp1: 1, 3, 1, 2 Inp2: 2, 1, 3, 1

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

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, 2, 2
	Inp1: 2, 1, 1, 1, 3 Inp2: 1, 2, 1, 2, 3
xa_nn_elm_where_f32xf32_f32	Inp1: 6, 9, 7, 4 Inp2: 6, 9, 7, 4 Condition: 6, 9, 7, 4
	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 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 Inp2: 3, 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
	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
	Inp1: 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
xa_nn_elm_where_broadcast_5D_f32xf32_f32	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 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

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, 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
	Inp1: 1, 1, 1, 1 Inp2: 2, 2, 3, 2 Condition: 2, 2, 3, 2
	Inp1: 1, 1, 1, 1 Inp2: 3, 2, 3, 1 Condition: 3, 2, 3, 1
	Inp1: 1, 1, 1, 1 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
	Inp1: 1, 1, 1, 1 Inp2: 3, 1, 1, 1 Condition: 3, 1, 1, 1
	Inp1: 1, 1, 1, 1 Inp2: 2, 3, 2, 2 Condition: 2, 3, 2, 2
	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
	Inp1: 2, 1, 1, 1 Inp2: 2, 3, 2, 2 Condition: 2, 3, 2, 2
	Inp1: 3, 2, 2, 1 Inp2: 3, 2, 2, 1 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 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 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 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

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

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

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 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
	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 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, 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, 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

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 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 Inp2: 1, 2, 2, 1 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, 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

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 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 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 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, 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, 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, 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, 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 Inp2: 5, 5, 5, 5, 1 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, 5, 5
	Inp1: 5, 5, 5, 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, 5, 5, 5
	Inp1: 5, 5, 5, 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, 5, 5, 5
	Inp1: 5, 5, 5, 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, 5, 5, 5
	Inp1: 5, 5, 5, 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, 5, 5, 5
	Inp1: 5, 5, 5, 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, 5, 5, 5
	Inp1: 5, 5, 5, 5, 5 Inp2: 5, 5, 5, 5, 5 Condition: 5, 5, 5, 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: 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, 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
xa_nn_sigmoid_f32_f32	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
	Inp1: 3, 1
	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
xa_nn_elm_clamp_8_8	Inp1: 81, 18, 1, 23
	Inp1: 11, 9, 8, 1
	Inp1: 11, 9, 23, 7
	Inp1: 21, 5, 16, 19
	Inp1: 3, 10, 9, 8
	Inp1: 21, 7, 2, 10
	Inp1: 2, 81, 81, 6
xa_nn_elm_clamp_8u_8u	Inp1: 11, 10, 5, 21
	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
xa_nn_elm_clamp_16_16	Inp1: 19, 19, 8
	Inp1: 16, 3, 25, 13
	Inp1: 13, 13, 6
	Inp1: 7, 25, 50, 8
	Inp1: 50, 1, 7
	Inp1: 18, 8, 2, 5
	Inp1: 10, 11, 11, 13, 1
xa_nn_elm_clamp_f32_f32	Inp1: 18, 5, 19, 3
	Inp1: 7, 21, 10, 19
	Inp1: 25, 25, 7
	Inp1: 25, 21, 9, 9
	Inp1: 2, 11, 5, 5, 5
	Inp1: 5, 5, 8
	Inp1: 11, 7, 7, 21
	Inp1: 19, 8, 25, 16, 50
	Inp1: 10, 3, 1, 6
xa_nn_elm_clamp_scalar_8_8	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 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
xa_nn_elm_clamp_scalar_8u_8u	Inp1: 19, 11, 18, 10, 16 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
xa_nn_elm_clamp_scalar_16_16	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 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
xa_nn_elm_clamp_scalar_f32_f32	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 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

Kernel name	Parameters
	min: 1
	Inp1: 7, 6, 21, 7, 6 max: 1 min: 1
xa_nn_elm_clamp_broadcast_5D_8_8	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 max: 1, 1, 1, 1
	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, 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, 1 min: 2, 3, 4, 5, 6 max: 1, 1, 1, 1, 1
xa_nn_elm_clamp_broadcast_5D_8u_8u	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, 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 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, 1 min: 3, 1, 3, 1, 3 max: 1, 3, 1, 3, 1
	Inp1: 1, 1, 1, 1, 1

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
xa_nn_elm_clamp_broadcast_5D_16_16	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
	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

Kernel name	Parameters
	min: 1, 3, 1, 6, 1 max: 1, 1, 1, 1, 1
xa_nn_elm_clamp_broadcast_5D_f32_f32	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 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, 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, 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, 1 min: 1, 18, 1, 6, 1 max: 8, 18, 9, 6, 23
xa_nn_transpose – Signed 8 bit	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
	Inp: 4, 4, 11, 7 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
xa_nn_transpose – Signed 16 bit	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 permute vec: 0, 3, 2, 1
	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
xa_nn_transpose – Signed 32 bit	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 permute vec: 0, 1, 3, 2
	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
xa_nn_transpose – Unsigned 8 bit	Inp1: 23, 13, 5, 3, 9 permute vec: 3, 1, 2, 0, 4
	Inp1: 25, 18, 19, 18 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
xa_nn_transpose – Unsigned 16 bit	Inp1: 5, 2, 19 permute vec: 2, 1, 0
	Inp1: 9, 23, 25 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

Kernel name	Parameters
xa_nn_transpose – Unsigned 32 bit	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 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
xa_nn_tanh_f32	Inp1: 7, 5, 5, 12
	Inp1: 12, 15, 12, 6, 11
	Inp1: 10, 14, 6, 9
	Inp1: 5, 10, 8, 13
	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
xa_nn_sqrt_f32_f32	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
	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
xa_nn_rsqrt_f32_f32	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
	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
xa_nn_elm_add_32x32_32	p_inp1	Null Unaligned pointer
	p_inp2	Null Unaligned pointer
	p_out	Null Unaligned pointer
	num_elm	Negative Zero
xa_nn_elm_add_scalar_32x32_32	p_inp1	Null Unaligned pointer
	p_out	Null Unaligned pointer
	num_elm	Negative Zero
xa_nn_elm_add_broadcast_5D_32x32_32	p_inp1	Null Unaligned pointer
	p_inp2	Null Unaligned pointer
	p_out	Null Unaligned pointer
	num_inp_dims	Negative 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	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
xa_nn_elm_mul_32x32_32	p_inp1	Null Unaligned pointer
	p_inp2	Null Unaligned pointer
	p_out	Null Unaligned pointer
	num_elm	Negative Zero
xa_nn_elm_mul_scalar_32x32_32	p_inp1	Null Unaligned pointer
	p_out	Null Unaligned pointer
	num_elm	Negative Zero
xa_nn_elm_mul_broadcast_5D_32x32_32	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
	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
xa_nn_elm_add_f32xf32_f32	p_inp1	Null Unaligned pointer
	p_inp2	Null Unaligned pointer

	p_out	Null Unaligned pointer
	num_elm	Negative Zero
xa_nn_elm_add_scalar_f32xf32_f32	p_inp1	Null Unaligned pointer
	p_out	Null Unaligned pointer
	num_elm	Negative Zero
xa_nn_elm_add_broadcast_5D_f32xf32_f32	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
	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
xa_nn_elm_mul_f32xf32_f32	p_inp1	Null Unaligned pointer
	p_inp2	Null Unaligned pointer
	p_out	Null 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
xa_nn_elm_mul_broadcast_5D_f32xf32_f32	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
	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
xa_nn_vec_softmax_dim_f32_f32	p_inp	Null Unaligned pointer
	p_out	Null Unaligned pointer
	p_inp_shape	Null Unaligned pointer All zeroes One of the shapes zero One of the shapes negative
	p_axis	Value negative Zero Out of range (> num_inp_dims)
	num_inp_dims	Negative Zero
xa_nn_layernorm_f32_f32	p_inp	Null Unaligned pointer
	p_out	Null Unaligned pointer
	p_mean	Null Unaligned pointer
	p_std	Null Unaligned pointer
	p_weight	Null Unaligned pointer
	p_bias	Null Unaligned pointer
	p_inp_shape	Null Unaligned pointer All zeroes One of the shapes zero One of the shapes negative

	axis	Value is negative Zero Out of range (> num_inp_dims)
	num_inp_dims	Negative Zero
	eps	Negative Zero
xa_nn_cat	pp_inps	One of the inputs is null Unaligned pointer
	p_out	Null Unaligned pointer
	p_axis	Value is negative Out of range (> num_inp_dims)
	num_inp_dims	Negative Zero
	num_inp	Negative Zero
	elm_size	Three 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 axis
	p_out_shape	Null Unaligned pointer All zeros One of the shapes is negative One of the shapes is zero
xa_nn_elm_quantize_f32_asym4	p_inp	Null 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 -8
	qunat_max	More than 7
	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 -8 More than 7
	p_axis	Value is Negative Out of range (> num_inp_dims)
xa_nn_elm_quantize_f32_asym8	p_inp	Null 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 -128
	qunat_max	More than 127
	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 -128 More than 127
	p_axis	Value is Negative Out of range (> num_inp_dims)
xa_nn_elm_quantize_f32_asym16	p_inp	Null 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
	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 Out of range (> num_inp_dims)

xa_nn_elm_quantize_f32_asym4u	p_inp	Null 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 0
	qunat_max	More than 15
	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)
xa_nn_elm_quantize_f32_asym8u	p_inp	Null 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 0
	qunat_max	More than 255
	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 255
	p_axis	Value is negative Out of range (> num_inp_dims)
xa_nn_elm_quantize_f32_asym16u	p_inp	Null 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 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)
xa_nn_elm_quantize_f32_sym4	p_inp	Null 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 -8
	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)
xa_nn_elm_quantize_f32_sym8	p_inp	Null 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 -128
	qunat_max	More than 127
	num_inp_dims	Negative Zero
	p_out_scale	Null Unaligned pointer

		Infinite Number Zero
	p_axis	Value negative Out of range (> num_inp_dims)
xa_nn_elm_quantize_f32_sym16	p_inp	Null 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
	num_inp_dims	Negative Zero
	p_out_scale	Null Unaligned pointer Infinite Number Zero
	p_axis	Value is negative Out of range (> num_inp_dims)
	p_inp	Null Unaligned pointer
	p_out	Null Unaligned pointer
xa_nn_elm_quantize_f32_sym4u	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 15
	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 Unaligned pointer
	p_out	Null Unaligned pointer
xa_nn_elm_quantize_f32_sym8u	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
	p_inp	Null Unaligned pointer
	p_out	Null Unaligned pointer

	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)
xa_nn_elm_quantize_f32_sym16u	p_inp	Null 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 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)
xa_nn_elm_dequantize_f32_asym4	p_inp	Null 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 Zero
	p_out_scale	Null Unaligned pointer Value is Infinite Number
	p_inp_zero_bias	Null Unaligned pointer Less than -8 More than 7
	p_axis	Negative Out of range (> num_inp_dims)
xa_nn_elm_dequantize_f32_asym8	p_inp	Null 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 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 Out of range (> num_inp_dims)
xa_nn_elm_dequantize_f32_asym16	p_inp	Null 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 Zero
	p_out_scale	Null Unaligned pointer Value is Infinite Number
	p_inp_zero_bias	Null Unaligned pointer Less than -32768 More than 32767
	p_axis	Negative Out of range (> num_inp_dims)
xa_nn_elm_dequantize_f32_asym4u	p_inp	Null 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 Zero
	p_out_scale	Null Unaligned pointer Value is Infinite Number
	p_inp_zero_bias	Null Unaligned pointer Less than 0 More than 15

	p_axis	Negative Out of range (> num_inp_dims)
xa_nn_elm_dequantize_f32_asym8u	p_inp	Null 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 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 Out of range (> num_inp_dims)
xa_nn_elm_dequantize_f32_asym16u	p_inp	Null 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 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)
xa_nn_elm_dequantize_f32_sym4	p_inp	Null 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 Zero

	p_out_scale	Null Unaligned pointer Value is infinite Number
	p_axis	Negative Out of range (> num_inp_dims)
xa_nn_elm_dequantize_f32_sym8	p_inp	Null 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 Zero
	p_out_scale	Null Unaligned pointer Infinite Number
	p_axis	Negative Out of range (> num_inp_dims)
xa_nn_elm_dequantize_f32_sym16	p_inp	Null 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 Zero
	p_out_scale	Null Unaligned pointer Value is infinite Number
	p_axis	Negative Out of range (> num_inp_dims)
xa_nn_elm_dequantize_f32_sym4u	p_inp	Null 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 Zero
	p_out_scale	Null Unaligned pointer Infinite Number
	p_axis	Negative Out of range (> num_inp_dims)

xa_nn_elm_dequantize_f32_sym8u	p_inp	Null 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 Zero
	p_out_scale	Null Unaligned pointer Value is infinite Number
	p_axis	Negative Out of range (> num_inp_dims)
xa_nn_elm_dequantize_f32_sym16u	p_inp	Null 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 Zero
	p_out_scale	Null Unaligned pointer Value is infinite Number
	p_axis	Value is negative Out of range (> num_inp_dims)
xa_nn_elm_sub_f32xf32_f32	p_inp1	Null Unaligned pointer
	p_inp2	Null Unaligned pointer
	p_out	Null Unaligned pointer
	num_elm	Negative Zero
xa_nn_elm_sub_scalar_f32xf32_f32	p_inp1	Null Unaligned pointer
	p_out	Null Unaligned pointer
	num_elm	Negative Zero
xa_nn_elm_sub_broadcast_5D_f32xf32_f32	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
	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
xa_nn_elm_sub_f32x32xf32_f32	p_inp1	Null Unaligned pointer
	p_inp2	Null Unaligned pointer
	p_out	Null Unaligned pointer
	num_elm	Negative Zero
xa_nn_elm_sub_scalar_f32x32xf32_f32	p_inp1	Null Unaligned pointer
	p_out	Null Unaligned pointer
	num_elm	Negative Zero
xa_nn_elm_sub_broadcast_5D_f32x32xf32_f32	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
	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
xa_nn_elm_sub_f32x32x32_f32	p_inp1	Null Unaligned pointer
	p_inp2	Null Unaligned pointer
	p_out	Null Unaligned pointer
	num_elm	Negative Zero
xa_nn_elm_sub_scalar_f32x32x32_f32	p_inp1	Null Unaligned pointer
	p_out	Null Unaligned pointer
	num_elm	Negative Zero
xa_nn_elm_sub_broadcast_5D_f32x32x32_f32	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
	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
xa_nn_elm_sub_32xf32xf32_f32	p_inp1	Null Unaligned pointer
	p_inp2	Null Unaligned pointer
	p_out	Null Unaligned pointer
	num_elm	Negative Zero
xa_nn_elm_sub_scalar_32xf32xf32_f32	p_inp1	Null Unaligned pointer
	p_out	Null Unaligned pointer

	num_elm	Negative Zero
xa_nn_elm_sub_broadcast_5D_32xf32_xf32_f32	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
	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
xa_nn_elm_sub_32xf32x32_f32	p_inp1	Null Unaligned pointer
	p_inp2	Null Unaligned pointer
	p_out	Null Unaligned pointer
	num_elm	Negative Zero
xa_nn_elm_sub_scalar_32xf32x32_f32	p_inp1	Null Unaligned pointer
	p_out	Null Unaligned pointer
	num_elm	Negative Zero
xa_nn_elm_sub_broadcast_5D_32xf32_x32_f32	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
	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
xa_nn_elm_sub_32x32_32	p_inp1	Null Unaligned pointer
	p_inp2	Null Unaligned pointer
	p_out	Null Unaligned pointer
	num_elm	Negative Zero
xa_nn_elm_sub_scalar_32x32_32	p_inp1	Null Unaligned pointer
	p_out	Null Unaligned pointer
	num_elm	Negative Zero
xa_nn_elm_sub_broadcast_5D_32x32_32	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
	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
xa_nn_slice	p_inp	Null Unaligned pointer
	p_out	Null Unaligned pointer

	p_axis	Value is negative 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 Unaligned pointer Zeros
	step	Negative Zero
	start	Negative Greater Than dim_len
	end	Negative Less than Start Greater than Dim_len
xa_nn_elm_div_32x32_32	p_inp1	Null Unaligned pointer
	p_inp2	Null Unaligned pointer
	p_out	Null Unaligned pointer
	mode	Greater than 2 Negative
	num_elm	Negative Zero
xa_nn_elm_div_scalar_32x32_32	p_inp1	Null Unaligned pointer
	p_out	Null Unaligned pointer
	mode	Greater than 2 Negative
	num_elm	Negative Zero
xa_nn_elm_div_broadcast_5D_32x32_32	p_inp1	Null Unaligned pointer
	p_inp2	Null Unaligned pointer
	p_out	Null Unaligned pointer
	p_inp1_shape	Null Unaligned pointer All zeros One of the shapes is zero One of the shapes negative

	p_inp2_shape	Null Unaligned pointer All zeros One of the shapes is zero One of the shapes negative
	p_out_shape	Null 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)
xa_nn_elm_div_32x32_f32	p_inp1	Null Unaligned pointer
	p_inp2	Null Unaligned pointer
	p_out	Null Unaligned pointer
	num_elm	Negative Zero
xa_nn_elm_div_scalar_32x32_f32	p_inp1	Null Unaligned pointer
	p_out	Null Unaligned pointer
	num_elm	Negative Zero
xa_nn_elm_div_broadcast_5D_32x32_f32	p_inp1	Null Unaligned pointer
	p_inp2	Null Unaligned pointer
	p_out	Null Unaligned pointer
	p_inp1_shape	Null Unaligned pointer All zeros One of the shapes is zero One of the shapes negative
	p_inp2_shape	Null 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)

xa_nn_elm_div_f32xf32_f32	p_inp1	Null Unaligned pointer
	p_inp2	Null Unaligned pointer
	p_out	Null Unaligned pointer
	mode	Greater than 2 Negative
	num_elm	Negative Zero
xa_nn_elm_div_scalar_f32xf32_f32	p_inp1	Null Unaligned pointer
	p_out	Null Unaligned pointer
	mode	Greater than 2 Negative
	num_elm	Negative Zero
xa_nn_elm_div_broadcast_5D_f32xf32_f32	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
	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
	mode	Greater than 2 Negative
	num_inp_dims	Negative Zero Out of range (> 5)
xa_nn_permute	p_inp	Null Unaligned pointer
	p_out	Null Unaligned pointer
	p_inp_shape	Null Unaligned pointer All zeroes

		One of the shapes is zero One of the shapes is negative
	p_out_shape	Null Unaligned pointer All zeroes One of the shapes is zero One of the shapes is negative
	p_permute_vec	Null 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
xa_nn_elm_exp_f32_f32	p_inp	Null Unaligned Pointer
	p_out	Null Unaligned pointer
	num_elm	Negative Zero
xa_nn_mean_f32_f32	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 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

xa_nn_elm_sqrt_f32_f32	p_out	Null Unaligned Pointer
	p_inp	Null Unaligned Pointer
	num_elm	Negative Zero
xa_nn_elm_rsqr_f32_f32	p_out	Null Unaligned Pointer
	p_inp	Null Unaligned Pointer
	num_elm	Negative Zero
xa_nn_sigmoid_f32_f32	p_out	Null Unaligned Pointer
	p_inp	Null Unaligned Pointer
	vec_length	Negative Zero
xa_nn_tanh_f32_f32	p_out	Null Unaligned Pointer
	p_inp	Null Unaligned Pointer
	vec_length	Negative Zero
xa_nn_elm_clamp_8_8	p_out	Null Unaligned Pointer
	p_inp	Null Unaligned Pointer
	p_max	Null Unaligned Pointer
	p_min	Null Unaligned Pointer
	num_elm	Negative Zero
xa_nn_elm_clamp_8u_8u	p_out	Null Unaligned Pointer
	p_inp	Null Unaligned Pointer
	p_max	Null Unaligned Pointer
	p_min	Null Unaligned Pointer
	num_elm	Negative Zero
xa_nn_elm_clamp_16_16	p_out	Null Unaligned Pointer
	p_inp	Null Unaligned Pointer
	p_max	Null Unaligned Pointer
	p_min	Null Unaligned Pointer

	num_elm	Negative Zero
xa_nn_elm_clamp_f32_f32	p_out	Null Unaligned Pointer
	p_inp	Null Unaligned Pointer
	p_max	Null Unaligned Pointer
	p_min	Null Unaligned Pointer
	num_elm	Negative Zero
xa_nn_elm_clamp_scalar_8_8	p_out	Null Unaligned Pointer
	p_inp	Null Unaligned Pointer
	num_elm	Negative Zero
xa_nn_elm_clamp_scalar_8u_8u	p_out	Null Unaligned Pointer
	p_inp	Null Unaligned Pointer
	num_elm	Negative Zero
xa_nn_elm_clamp_scalar_16_16	p_out	Null Unaligned Pointer
	p_inp	Null Unaligned Pointer
	num_elm	Negative Zero
xa_nn_elm_clamp_scalar_f32_f32	p_out	Null Unaligned Pointer
	p_inp	Null Unaligned Pointer
	num_elm	Negative Zero
xa_nn_elm_clamp_broadcast_5D_8_8	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
	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
xa_nn_elm_clamp_broadcast_5D_8u_8	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
	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
xa_nn_elm_clamp_broadcast_5D_16_16	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
	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
xa_nn_elm_clamp_broadcast_5D_f32_f32	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
	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
xa_nn_elm_less_f32xf32_bool	p_inp1	Null Unaligned pointer
	p_inp2	Null Unaligned pointer
	p_out	Null Unaligned pointer
	num_elm	Negative Zero
xa_nn_elm_less_scalar_f32xf32_bool	p_inp1	Null Unaligned pointer
	p_out	Null Unaligned pointer
	num_elm	Negative Zero
xa_nn_elm_less_broadcast_5D_f32xf32_bool	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
	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
xa_nn_elm_where_f32xf32_f32	p_inp1	Null Unaligned pointer
	p_inp2	Null Unaligned pointer
	p_out	Null Unaligned pointer
	p_cond	Null Unaligned pointer
	num_elm	Negative Zero
	p_inp1	Null Unaligned pointer

xa_nn_elm_where_broadcast_5D_f32xf32_f32	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 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
	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