

I tried multiple different settings for `--ntasks`. Going over 16 popped up an error, but everything I tried below it worked fine:

```
#####
echo "RUN" >> ${OUTPUT_PATH} 2>&1
env >> ${OUTPUT_PATH} 2>&1
/usr/local/bin/sbatch --output=${HOME}/slurm-%A.out --ntasks 12 --gres=rdu:8 --ntasks-per-node 16 --nodes 1 --cpus-per-task=8 ${PROJ_DIR}/BertLarge_run.sh $1 >> ${OUTPUT_PATH}
} 2>&1

#####
echo "Machine state After: " >> ${OUTPUT_PATH} 2>&1
/opt/sambaflow/bin/snfarmd -l inventory >> ${OUTPUT_PATH} 2>&1
echo "Duration: " $SECONDS >> ${OUTPUT_PATH} 2>&1
"bertlarge.sh" 64L 2877C
64,1          Bot
```

Here is my terminal output. I made sure the directories created are there since all of the output gets sent to a logfile.

```
[awood@sn30-r3-h1:~/ai-science-training-series/07_AITestbeds/Samnova/bert/112324.23$ cd ..
[awood@sn30-r3-h1:~/ai-science-training-series/07_AITestbeds/Samnova/bert$ ls
112324_22 112324_23 Bertlarge_run.sh Bertlarge.sh bert.md
[awood@sn30-r3-h1:~/ai-science-training-series/07_AITestbeds/Samnova/bert$ vi BertLarge.sh
[awood@sn30-r3-h1:~/ai-science-training-series/07_AITestbeds/Samnova/bert$ cd
[awood@sn30-r3-h1:~/BertLarge/bertlrg/
[awood@sn30-r3-h1:~/BertLarge/bertlrg$ rm bertlrg.prf
[awood@sn30-r3-h1:~/BertLarge/bertlrg$ cd
[awood@sn30-r3-h1:~/ai-science-training-series/07_AITestbeds/Samnova/bert/
[awood@sn30-r3-h1:~/ai-science-training-series/07_AITestbeds/Samnova/bert$ ls
112324_22 112324_23 Bertlarge_run.sh Bertlarge.sh bert.md
[awood@sn30-r3-h1:~/ai-science-training-series/07_AITestbeds/Samnova/bert$ ./
112324_22/ 112324_23/ Bertlarge.sh
[awood@sn30-r3-h1:~/ai-science-training-series/07_AITestbeds/Samnova/bert$ ./BertLarge.sh
Using /home/awood/ai-science-training-series/07_AITestbeds/Samanova/bert/112424.00/BertLarge.out for output
[awood@sn30-r3-h1:~/ai-science-training-series/07_AITestbeds/Samanova/bert$ ls
112324_22_112324_23 Bertlarge_run.sh Bertlarge.sh bert.md
[awood@sn30-r3-h1:~/ai-science-training-series/07_AITestbeds/Samanova/bert$ cd 112424.00/
[awood@sn30-r3-h1:~/ai-science-training-series/07_AITestbeds/Samanova/bert$ ./BertLarge.sh
Using /home/awood/ai-science-training-series/07_AITestbeds/Samanova/bert/112424.00/BertLarge.out for output
[awood@sn30-r3-h1:~/ai-science-training-series/07_AITestbeds/Samanova/bert$ ls
Bertlarge.out
[awood@sn30-r3-h1:~/ai-science-training-series/07_AITestbeds/Samanova/bert/112424.00$ vi BertLarge.out
[awood@sn30-r3-h1:~/ai-science-training-series/07_AITestbeds/Samanova/bert$ cd 112424.00$ cd
[awood@sn30-r3-h1:~/BertLarge/bertlrg/
[awood@sn30-r3-h1:~/BertLarge/bertlrg$ vi bertlrg.prf
[awood@sn30-r3-h1:~/BertLarge/bertlrg$ rm bertlrg.prf
[awood@sn30-r3-h1:~/BertLarge/bertlrg$ cd
[awood@sn30-r3-h1:~/ai-science-training-series/07_AITestbeds/Samanova/bert/
[awood@sn30-r3-h1:~/ai-science-training-series/07_AITestbeds/Samanova/bert$ ls
112324_22 112324_23 112424.00 Bertlarge_run.sh Bertlarge.sh bert.md
[awood@sn30-r3-h1:~/ai-science-training-series/07_AITestbeds/Samanova/bert$ cd 112424.00/
[awood@sn30-r3-h1:~/ai-science-training-series/07_AITestbeds/Samanova/bert$ vi BertLarge.out
[awood@sn30-r3-h1:~/ai-science-training-series/07_AITestbeds/Samanova/bert$ ./BertLarge.sh
Using /home/awood/ai-science-training-series/07_AITestbeds/Samanova/bert/112424.00/BertLarge.out for output
[awood@sn30-r3-h1:~/ai-science-training-series/07_AITestbeds/Samanova/bert$ ls
112324_22 112324_23 112424.00 Bertlarge_run.sh Bertlarge.sh bert.md
[awood@sn30-r3-h1:~/ai-science-training-series/07_AITestbeds/Samanova/bert$ ./BertLarge.sh
Using /home/awood/ai-science-training-series/07_AITestbeds/Samanova/bert/112424.00/BertLarge.out for output
[awood@sn30-r3-h1:~/ai-science-training-series/07_AITestbeds/Samanova/bert$ ls
112324_22 112324_23 112424.00 Bertlarge_run.sh Bertlarge.sh bert.md
[awood@sn30-r3-h1:~/ai-science-training-series/07_AITestbeds/Samanova/bert$ squeue
      JOBID PARTITION           NAME   USER ST   TIME NODES NODELIST(REASON)
        43836 samanova     BertLarge_run.sh  awood R    3:51      1 sn30-r1-h1
        43837 samanova SambaNova.quick.tests.sh arnoldw R    1:14      1 sn30-r2-h2
[awood@sn30-r3-h1:~/ai-science-training-series/07_AITestbeds/Samanova/bert$ ls
112324_22 112324_23 112424.00 Bertlarge_run.sh Bertlarge.sh bert.md
```

Lastly I included some screenshots of the log files from two different runs. I'm not sure what you want to see here so I tried to get screenshots of the top, middle and bottom. They were from two separate runs of `-ntasks = 12` and `-ntasks = 8`.

```

Model: BertLarge
Date: 11/23/24
Time: 23:09

WARNING: apt does not have a stable CLI interface. Use with caution in scripts.

Listing...
sambaflow/focal,now 1.19.1-44 amd64 [installed,upgradable to: 1.22.1-35]
Machine State Before:
Platform: DataScale SN30-8

Physical Inventory:
Component Name | Serial Number | Inventory State | Functional State
-----|-----|-----|-----
/NODE/XRDU_0/RDU_0 | 69287B316ABDB895 | Present | Online
/NODE/XRDU_0/RDU_0/DDRCH_0/DIMM_A0 | 1F5BCAD | Present | Online
/NODE/XRDU_0/RDU_0/DDRCH_1/DIMM_B0 | 1F5BD00 | Present | Online
/NODE/XRDU_0/RDU_0/DDRCH_2/DIMM_E0 | 1F6CF93 | Present | Online
/NODE/XRDU_0/RDU_0/DDRCH_3/DIMM_F0 | 1F6CF2F | Present | Online
/NODE/XRDU_0/RDU_0/DDRCH_4/DIMM_G0 | 1F5BAED | Present | Online
/NODE/XRDU_0/RDU_0/DDRCH_5/DIMM_H0 | 1F5BCA8 | Present | Online
/NODE/XRDU_0/RDU_0/DDRCH_6/DIMM_C0 | 1F5BB00 | Present | Online
/NODE/XRDU_0/RDU_0/DDRCH_7/DIMM_D0 | 1F5BD1 | Present | Online
/NODE/XRDU_0/RDU_0/PCIE_0 | N/A | Present | Online
/NODE/XRDU_0/RDU_0/PCIE_1 | N/A | Present | Online
/NODE/XRDU_0/RDU_0/PCIE_2 | N/A | Present | Online
/NODE/XRDU_0/RDU_0/PCIE_3 | N/A | Present | Online
/NODE/XRDU_0/RDU_0/PCIE_4 | N/A | Present | Online
/NODE/XRDU_0/RDU_0/PCIE_5 | N/A | Present | Online
/NODE/XRDU_0/RDU_0/TILE_0 | N/A | Present | Online
/NODE/XRDU_0/RDU_0/TILE_1 | N/A | Present | Online
/NODE/XRDU_0/RDU_0/TILE_2 | N/A | Present | Online
/NODE/XRDU_0/RDU_0/TILE_3 | N/A | Present | Online
/NODE/XRDU_0/RDU_0/TILE_4 | N/A | Present | Online
/NODE/XRDU_0/RDU_0/TILE_5 | N/A | Present | Online
/NODE/XRDU_0/RDU_0/TILE_6 | N/A | Present | Online
/NODE/XRDU_0/RDU_0/TILE_7 | N/A | Present | Online
/NODE/XRDU_0/RDU_1 | 26843316ABDB895 | Present | Online
/NODE/XRDU_0/RDU_1/DDRCH_0/DIMM_J0 | 1F6D120 | Present | Online
/NODE/XRDU_0/RDU_1/DDRCH_1/DIMM_K0 | 1F6D0FC | Present | Online
/NODE/XRDU_0/RDU_1/DDRCH_2/DIMM_N0 | 1F6CE6C | Present | Online
/NODE/XRDU_0/RDU_1/DDRCH_3/DIMM_P0 | 1F6CE38 | Present | Online
/NODE/XRDU_0/RDU_1/DDRCH_4/DIMM_Q0 | 1F5BBC4 | Present | Online
/NODE/XRDU_0/RDU_1/DDRCH_5/DIMM_R0 | 1F5BCE3 | Present | Online
/NODE/XRDU_0/RDU_1/DDRCH_6/DIMM_L0 | 1F2E05D | Present | Online
/NODE/XRDU_0/RDU_1/DDRCH_7/DIMM_M0 | 1F312FB | Present | Online
/NODE/XRDU_0/RDU_1/PCIE_0 | N/A | Present | Online
/NODE/XRDU_0/RDU_1/PCIE_1 | N/A | Present | Online
*Bertlarge.out 1302L, 185730C

```

1,1 Top

```

COMPILE END AT 602
RUN
SHELL=/bin/bash
PWD=/home/awood/BertLarge
LOGNAME=awood
OPENBLAS_NUM_THREADS=8
MOTD_SHOWN=pan
HOME=/home/awood
LANG=en_US.UTF-8
VIRTUAL_ENV=/opt/sambaflow/apps/nlp/transformers_on_rdu/venv
SSH_CONNECTION=140.221.69.48 56800 140.221.82.9 22
TERM=xterm-256color
LIBVIRT_DEFAULT_URI=qemu:///system
USER=awood
IBV_FORK_SAFE=1
SHLVL=2
SOFTWARE_HOME=/opt
PS1=(venv)
SSH_CLIENT=140.221.69.48 56800 22
SN_NUM_THREADS=32
OMP_NUM_THREADS=18
XDG_DATA_DIRS=/usr/local/share:/usr/share:/var/lib/snap/desktop
PATH=/opt/sambaflow/apps/nlp/transformers_on_rdu/venv/bin:/opt/sambanova/bin:/opt/sambaflow/bin:/opt/sambaflow/venv/bin:/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin:/usr/games:/usr/local/games:/snap/bin:/home/awood/.local/bin:/home/awood/bin
GLIBC_TUNABLES=glibc.cpu.hwcap=-AVX_Usable,-AVX2_Usable,-Prefer_ERMS,-Prefer_FSRM,Prefer_No_AVX512,Prefer_No_VZEROUPPER,-AVX_Fast_Unaligned_Load,-ERMS
SSH_TTY=/dev/pts/1
OLDPWD=/home/awood
_=~/usr/bin/env
Submitted batch job 43826
Machine state After:
Platform: DataScale SN30-8

Physical Inventory:
Component Name | Serial Number | Inventory State | Functional State
-----|-----|-----|-----
/NODE/XRDU_0/RDU_0 | 69287B316ABDB895 | Present | Online
/NODE/XRDU_0/RDU_0/DDRCH_0/DIMM_A0 | 1F5BCAD | Present | Online
/NODE/XRDU_0/RDU_0/DDRCH_1/DIMM_B0 | 1F5BD00 | Present | Online
/NODE/XRDU_0/RDU_0/DDRCH_2/DIMM_E0 | 1F6CF93 | Present | Online

```

1052, 1 80%

/NODE/XRDU_3/RDU_0/TILE_3	N/A	Present	Online	
/NODE/XRDU_3/RDU_0/TILE_4	N/A	Present	Online	
/NODE/XRDU_3/RDU_0/TILE_5	N/A	Present	Online	
/NODE/XRDU_3/RDU_0/TILE_6	N/A	Present	Online	
/NODE/XRDU_3/RDU_0/TILE_7	N/A	Present	Online	
/NODE/XRDU_3/RDU_1	700834B469B35895	Present	Online	
/NODE/XRDU_3/RDU_1/DDRCH_0/DIMM_J0	1F6CE64	Present	Online	
/NODE/XRDU_3/RDU_1/DDRCH_1/DIMM_K0	1F6D121	Present	Online	
/NODE/XRDU_3/RDU_1/DDRCH_2/DIMM_N0	1F6D114	Present	Online	
/NODE/XRDU_3/RDU_1/DDRCH_3/DIMM_P0	1F6CE68	Present	Online	
/NODE/XRDU_3/RDU_1/DDRCH_4/DIMM_Q0	1F5BDD7	Present	Online	
/NODE/XRDU_3/RDU_1/DDRCH_5/DIMM_R0	1F5BDD3	Present	Online	
/NODE/XRDU_3/RDU_1/DDRCH_6/DIMM_L0	1F6CFB	Present	Online	
/NODE/XRDU_3/RDU_1/DDRCH_7/DIMM_M0	1F5BBA3	Present	Online	
/NODE/XRDU_3/RDU_1/PCIE_0	N/A	Present	Online	
/NODE/XRDU_3/RDU_1/PCIE_1	N/A	Present	Online	
/NODE/XRDU_3/RDU_1/PCIE_2	N/A	Present	Online	
/NODE/XRDU_3/RDU_1/PCIE_3	N/A	Present	Online	
/NODE/XRDU_3/RDU_1/PCIE_4	N/A	Present	Online	
/NODE/XRDU_3/RDU_1/PCIE_5	N/A	Present	Online	
/NODE/XRDU_3/RDU_1/TILE_0	N/A	Present	Online	
/NODE/XRDU_3/RDU_1/TILE_1	N/A	Present	Online	
/NODE/XRDU_3/RDU_1/TILE_2	N/A	Present	Online	
/NODE/XRDU_3/RDU_1/TILE_3	N/A	Present	Online	
/NODE/XRDU_3/RDU_1/TILE_4	N/A	Present	Online	
/NODE/XRDU_3/RDU_1/TILE_5	N/A	Present	Online	
/NODE/XRDU_3/RDU_1/TILE_6	N/A	Present	Online	
/NODE/XRDU_3/RDU_1/TILE_7	N/A	Present	Online	
/NODE/XRDU_3/SW_0	N/A	Present	Online	
/NODE/XRDU_3/SW_0/PORT_0	N/A	Present	Online	
/NODE/XRDU_3/SW_0/PORT_1	N/A	Present	Online	
/NODE/XRDU_3/SW_0/PORT_2	N/A	Present	Online	
/NODE/XRDU_3/SW_0/PORT_3	N/A	Present	Online	
/NODE/XRDU_3/SW_0/PORT_4	N/A	Present	Online	
/NODE/XRDU_3/SW_0/PORT_5	N/A	Present	Online	
/NODE/XRDU_3/SW_0/PORT_6	N/A	Present	Online	
/NODE/XRDU_3/SW_0/PORT_7	N/A	Present	Online	
/NODE/XRDU_3/SW_0/PORT_8	N/A	Present	Online	
/NODE/XRDU_3/SW_1	N/A	Present	Online	
/NODE/XRDU_3/SW_1/PORT_0	N/A	Present	Online	
/NODE/XRDU_3/SW_1/PORT_1	N/A	Present	Online	
/NODE/XRDU_3/SW_1/PORT_2	N/A	Absent	N/A	
/NODE/XRDU_3/SW_1/PORT_3	N/A	Present	Online	
/NODE/HOST/HIC_0/DPORT	N/A	Present	Online	
/NODE/HOST/HIC_1/DPORT	N/A	Present	Online	
/NODE/HOST/HIC_2/DPORT	N/A	Present	Online	
/NODE/HOST/HIC_3/DPORT	N/A	Present	Online	

Duration: 611

1301,1

Bot

Model:	BertLarge			
Date:	11/24/24			
Time:	00:09			
WARNING: apt does not have a stable CLI interface. Use with caution in scripts.				
Listing...				
sambaflow/focal, now 1.19.1-44 amd64 [installed,upgradable to: 1.22.1-35]				
Machine State Before:				
Platform: DataScale SN30-8				
Physical Inventory:				
Component Name	Serial Number	Inventory	State	Functional State
/NODE/XRDU_0/RDU_0	60287B316ABDBB95	Present	Online	
/NODE/XRDU_0/RDU_0/DDRCH_0/DIMM_A0	1F5BCAD	Present	Online	
/NODE/XRDU_0/RDU_0/DDRCH_1/DIMM_B0	1F5BDD0	Present	Online	
/NODE/XRDU_0/RDU_0/DDRCH_2/DIMM_E0	1F6CF93	Present	Online	
/NODE/XRDU_0/RDU_0/DDRCH_3/DIMM_F0	1F6CF2F	Present	Online	
/NODE/XRDU_0/RDU_0/DDRCH_4/DIMM_G0	1F5BAED	Present	Online	
/NODE/XRDU_0/RDU_0/DDRCH_5/DIMM_H0	1F5BCA8	Present	Online	
/NODE/XRDU_0/RDU_0/DDRCH_6/DIMM_C0	1F5BBD0	Present	Online	
/NODE/XRDU_0/RDU_0/DDRCH_7/DIMM_D0	1F5BB0D1	Present	Online	
/NODE/XRDU_0/RDU_0/PCIE_0	N/A	Present	Online	
/NODE/XRDU_0/RDU_0/PCIE_1	N/A	Present	Online	
/NODE/XRDU_0/RDU_0/PCIE_2	N/A	Present	Online	
/NODE/XRDU_0/RDU_0/PCIE_3	N/A	Present	Online	
/NODE/XRDU_0/RDU_0/PCIE_4	N/A	Present	Online	
/NODE/XRDU_0/RDU_0/PCIE_5	N/A	Present	Online	
/NODE/XRDU_0/RDU_0/TILE_0	N/A	Present	Online	
/NODE/XRDU_0/RDU_0/TILE_1	N/A	Present	Online	
/NODE/XRDU_0/RDU_0/TILE_2	N/A	Present	Online	
/NODE/XRDU_0/RDU_0/TILE_3	N/A	Present	Online	
/NODE/XRDU_0/RDU_0/TILE_4	N/A	Present	Online	
/NODE/XRDU_0/RDU_0/TILE_5	N/A	Present	Online	
/NODE/XRDU_0/RDU_0/TILE_6	N/A	Present	Online	
/NODE/XRDU_0/RDU_0/TILE_7	N/A	Present	Online	
/NODE/XRDU_0/RDU_1	266043316ABDBB95	Present	Online	
/NODE/XRDU_0/RDU_1/DDRCH_0/DIMM_J0	1F6D120	Present	Online	
/NODE/XRDU_0/RDU_1/DDRCH_1/DIMM_K0	1F6D09FC	Present	Online	
/NODE/XRDU_0/RDU_1/DDRCH_2/DIMM_N0	1F6CE6C	Present	Online	
/NODE/XRDU_0/RDU_1/DDRCH_3/DIMM_P0	1F6CE38	Present	Online	
/NODE/XRDU_0/RDU_1/DDRCH_4/DIMM_Q0	1F5BBC4	Present	Online	
/NODE/XRDU_0/RDU_1/DDRCH_5/DIMM_R0	1F5BCE3	Present	Online	
/NODE/XRDU_0/RDU_1/DDRCH_6/DIMM_L0	1F2E05D	Present	Online	
/NODE/XRDU_0/RDU_1/DDRCH_7/DIMM_M0	1F312FB	Present	Online	
/NODE/XRDU_0/RDU_1/PCIE_0	N/A	Present	Online	
/NODE/XRDU_0/RDU_1/PCIE_1	N/A	Present	Online	

1,1

Top

```

+ /opt/sambanova/llvm16/bin/clang++ -I./ -I/opt/llvm12/include -I./ -I/opt/sambaflow/include -fvisibility=hidden -fno-exceptions -fno-rtti -Werror -Wall -Wno-reorder -Wno-conversion
-Wno-sign-conversion -Wno-sign-compare -Wno-unused-parameter -Wno-unused-function -Wno-unused-result -Wno-unused-variable -Wno-strict-aliasing -Wno-unused-local-typedefs -Wunn
eachable-code-aggressive -Wsometimes-uninitialized -Wconditional-uninitialized -Woverflow -Waddress-of-temporary -Wpointer-arith -Wimplicit -Wno-deprecated-declarations -Wbitfi
eld-enum-conversion -Wno-unused-private-field -Wno-unused-but-set-variable -DSOURCE_PREFIX_LENGTH=84 -g TestHffTransformerSamba.cpp.o HffTransformerSamba.cpp.o -o test_弧_bertir
g -L/opt/llvm12/lib -L/opt/sambaflow/lib -L/opt/sambaflow/lib64 -L/opt/sambaflow/lib -L/opt/sambanova/lib -L/opt/sambanova/lib64 -L/usr/local/lib -L/usr/lib/x86_64-linux-gnu -L/u
sr/lib64 -WL,-rpath,/opt/llvm12/lib -L/opt/sambaflow/lib -L/opt/sambaflow/lib64 -L/opt/sambanova/lib -L/opt/sambanova/lib64 -L/usr/local/lib -L/usr/local/lib64 -L/usr/lib/x86_64-linux-gnu -L/u
sr/lib64 -LLVMMSupport -IMLIRDialect -IMLIRDOptLib -IMLIRPass -IMLIRQuant -IMLIRStandard -IMLIRR -IMLIRRewrite -IMLIRPDR -IMLIRPDILInterp -IMLIRTensor -IMLIRParser -IMLIRAnalysis
s -IMLIRTransforms -IMLIRTransformUtils -IMLIRLoopAnalysis -IMLIRControlFlowInterfaces -IMLIRSideEffectInterfaces -IMLIRViewLikeInterface -IMLIRAffine -IMLIRLoopLikeInterface -
IMLIRSCF -IMLIRCallInterface -IMLIRPreshburger -IMLIRCopyOpInterface -IMLIRLinalg -IMLIRLinalg -IMLIRTemplates -IMLIRPlasmaTemplates -IMLIRShared -lpef -lyaml-cpp -lO
ompilerShared -IMLIRDYNAMICWrapper -IRAIL -IRAILUtil -lisl -lTemplates -IMCCompiler -lArcCompiler -lArchSpec -lArchSpecCore -lom -lpthread
+ set +x
[info    ]: Starting Plasma compile at /home/awood/BertLarge/bertlrg/plasma_ir_modules/schedule_global
[info    ]: [PASS] Running PlasmaIR000_PrinterPass
[info    ]: [PASS] Running PlasmaIR001_PlasmaCanonicalizer
[info    ]: [PASS] Running PlasmaIR002_SymbolChinAssignment
[info    ]: [PASS] Running PlasmaIR003_LegalizeLocationAssignment
[info    ]: [PASS] Running PlasmaIR004_SymbolAttributePropagation
[info    ]: [PASS] Running PlasmaIR005_ClusterOptimizerShardingSymbols
[info    ]: [PASS] Running PlasmaIR006_BuildDdrAndHostPools
[info    ]: [PASS] Running PlasmaIR007_DdrAndHostSymbolAssignment
[info    ]: [PASS] Running PlasmaIR008_SegmentGarbageCollection
[info    ]: [PASS] Running PlasmaIR009_DdrAndHostBitfileAssignment
[info    ]: [PASS] Running PlasmaIR010_PlasmaCanonicalizer
[info    ]: [PASS] Running PlasmaIR011_LegalizeDataAllocation
[info    ]: [PASS] Running PlasmaIR012_LegalizeSymbolOverlap
[info    ]: [PASS] Running PlasmaIR013_HmLogical2Physical
[info    ]: [PASS] Running PlasmaIR014_PrinterPass
[info    ]: Plasma compile succeeded.
[info    ]: Logs are generated in /home/awood/BertLarge/bertlrg///rail_gen//rail_compile_logs for partition_0_0..
[info    ]: Compilation succeeded for partition_0_0
[info    ]: Logs are generated in /home/awood/BertLarge/bertlrg///rail_gen//rail_compile_logs for partition_1_0..
[info    ]: Compilation succeeded for partition_1_0
[info    ]: Logs are generated in /home/awood/BertLarge/bertlrg///rail_gen//rail_compile_logs for partition_2_0..
[info    ]: Compilation succeeded for partition_2_0
[info    ]: Logs are generated in /home/awood/BertLarge/bertlrg///rail_gen//rail_compile_logs for partition_3_0..
[info    ]: Compilation succeeded for partition_3_0
[info    ]: Logs are generated in /home/awood/BertLarge/bertlrg///rail_gen//rail_compile_logs for partition_4_0..
[info    ]: Compilation succeeded for partition_4_0
[info    ]: Logs are generated in /home/awood/BertLarge/bertlrg///rail_gen//rail_compile_logs for partition_5_0..
[info    ]: Compilation succeeded for partition_5_0
[info    ]: Logs are generated in /home/awood/BertLarge/bertlrg///rail_gen//rail_compile_logs for partition_6_0..
[info    ]: Compilation succeeded for partition_6_0
[info    ]: Logs are generated in /home/awood/BertLarge/bertlrg///rail_gen//rail_compile_logs for partition_7_0..
[warning ]: Cannot predict latency of context HffTransformerSamba.partition_7_0_.naming_group_25_bertformaskedlm__crossentropyloss_10kInputXVec_0. Please suppress the warning by
explicitly annotate the latency with set_ctx_latency() in the TBufferContext
./templates/src/templates/cross_entropy/rail/CrossEntropy.cpp:1535:9
tbuffer: partition_7_0_.naming_group_25_tbuf2a_7_0_35055 HffTransformerSamba.cpp:48383:0
@@@
```

645,1

48%