WE HAVE RUN THE FOLLOWING COMMAND TO RUN AMBER12 SIMULATION USING pmemd.cuda.MPI FOR TWO NVIDIA K20M GPU. BUT WE GETTING FOLLOWING ERROR (NO2)

#export AMBERHOME=/opt/testamber/amber12/:$AMBERHOME
#export DO_PARALLEL="mpirun -np 20"

#mpirun -np 20 /opt/testamber/amber12/bin/pmemd.cuda.MPI -O -i density-eqm.in -o density-eqm.out -p peptide-wat.prmtop -c heat-final-300K-0t.rst -r density-eqm.rst -x density-eqm.mdcrd

NO 2: ERROR

Currently only GPU SM Revisions 1.3 and 2.X are supported.
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================================================================================================================================================================================================================================
= BAD TERMINATION OF ONE OF YOUR APPLICATION PROCESSES
= PID 1088 RUNNING AT localhost.localdomain
= EXIT CODE: 255
= CLEANING UP REMAINING PROCESSES
= YOU CAN IGNORE THE BELOW CLEANUP MESSAGES

Nvidia GPU K20m CARD DETAILS

Detected 2 CUDA Capable device(s)

Device 0: "Tesla K20m"
CUDA Driver Version / Runtime Version 6.0 / 6.0
CUDA Capability Major/Minor version number: 3.5
Total amount of global memory: 4800 MBytes (5032706048 bytes)
(13) Multiprocessors, (192) CUDA Cores/MP: 2496 CUDA Cores
GPU Clock rate: 706 MHz (0.71 GHz)
Memory Clock rate: 2600 Mhz

Device 1: "Tesla K20m"
CUDA Driver Version / Runtime Version 6.0 / 6.0
CUDA Capability Major/Minor version number: 3.5
Total amount of global memory: 4800 MBytes (5032706048 bytes)
(13) Multiprocessors, (192) CUDA Cores/MP: 2496 CUDA Cores
GPU Clock rate: 706 MHz (0.71 GHz)
deviceQuery, CUDA Driver = CUDART, CUDA Driver Version = 6.0, CUDA Runtime Version = 6.0, NumDevs = 2, Device0 = Tesla K20m, Device1 = Tesla K20m
Result = PASS