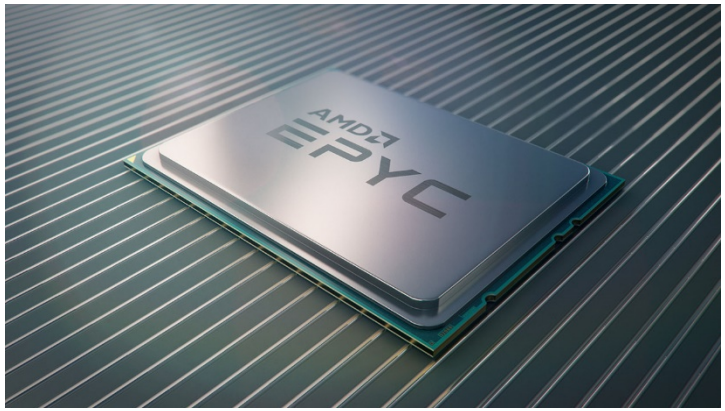
Large Memory Compute Servers

Experimental Computing Lab (ExCL) managed by Advanced Computing Systems Research Section, ORNL

- HPE DL385 Gen 10+ Servers (4)
  - 2 AMD EPYC 7742 64 Core Processors
    - SMT enabled, 256 cpu threads
  - HPE Proliant DL385 Gen10 Plus Motherboard
  - **1 TB Main Memory**
    - Allows easy timesharing w/o paging
    - Also available for large memory applications
  - **3 TB NVME SSD storage (4)**
- Ideal for
  - CI Workflows
  - Compilation: compiling LLVM
  - Simulation: GEM5, SST
  - Available for other applications



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