ExpressBox 3600 provides the optimum features for supporting world class High Performance Computing (HPC) applications that demand "mission critical" features such as N+1 redundant power and cooling and high speed PCIe Gen 3 x16 connectivity. The ExpressBox 3600 comes with a network management interface, including a web based GUI and SNMP interface for monitoring the health of the chassis. The design is optimized for HPC applications built with leading edge GPUs such as NVIDIA K-Series/GRID, AMD and Intel Phi coprocessors. The ExpressBox 3600 is ideal for HPC applications such as oil and gas exploration, financial modeling, medical imaging, genome sequencing, and simulation – basically any application requiring big data set analysis and processing.

With the capacity for up to 9 state-of-the-art GPUs (e.g. NVIDIA K40), support for up to 12.9 Tflops (double precision) or 38.6 Tflops (single precision) can be obtained within one ExpressBox 3600. For Big Data applications, this level of performance is a game changer in the field of data mining and other applications that could not be addressed just a short number of years ago.

By concentrating HPC modules within the ExpressBox 3600, system integrators can better manage their platform roadmap by not having the HPC modules (GPUs or Coprocessors) competing for power and cooling resources within a server or workstation. Also, due to the high turn-over/churn of typical server/workstation vendor roadmaps, the HPC solution set can be insulated from this change by being integrated into a dedicated expansion chassis for HPC applications, such as the ExpressBox 3600.

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**BASE MODELS**

- **EB3600-5**
  - One five slot backplane
  - One 1200W PSU
  - Two five slot backplanes mounted side by side in a 19" rack enclosure
  - Two 1200 W (2400W total) PSUs

- **EB3600-10**
  - Ten peripheral slots and two host link slots (All Gen 3 x16)

**ENCLOSURE**

- 4U Rack-mount
- 16.8" Wide x 7" High (4U) x 22.125" Deep
- Removable/cleanable air filter
- 43.5 lbs/19.7kg

**INTERCONNECT BANDWIDTH**

PCIe Gen 3 x16: 128 Gbits/sec to all peripherals and host link

**TECHNOLOGY**

- PCI Express Bus Specification 3.0, 2.3
- PCI Bridge Architecture Revision 1.2

**WARRANTY**

- 30 day Money back guarantee
- 1 Year return to factory (extendable)