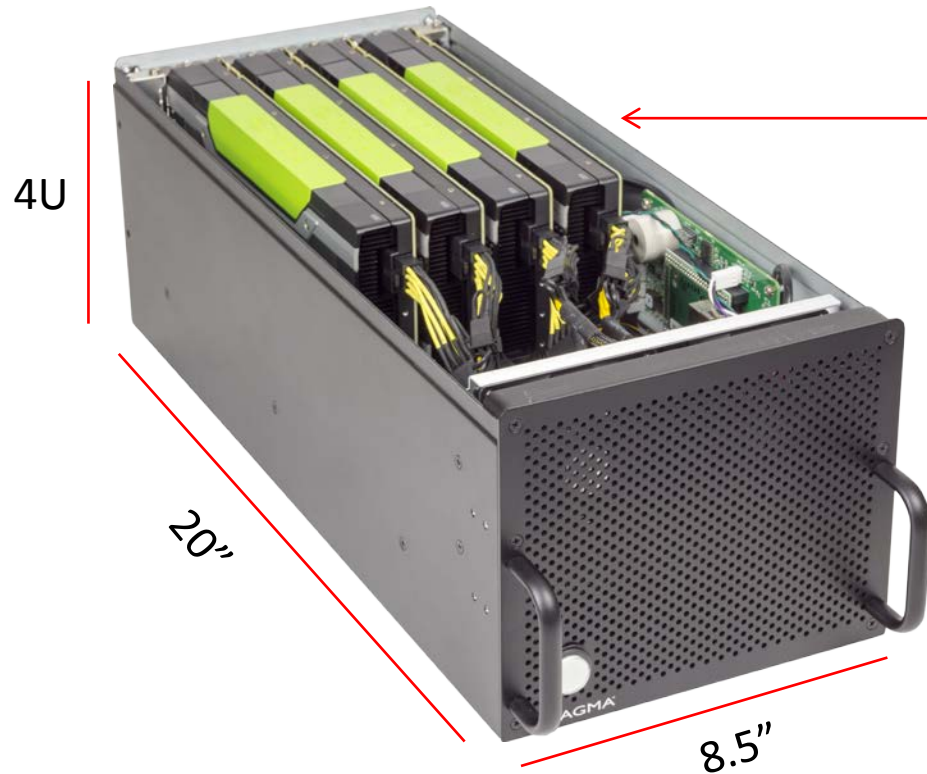


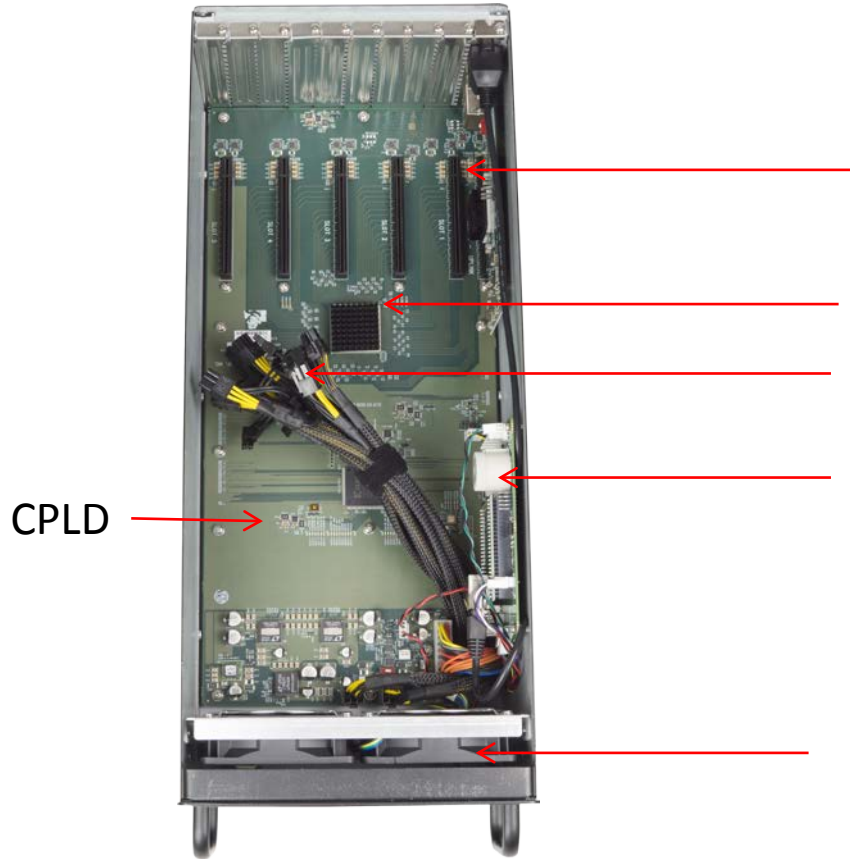
ExpressBox 3450 – 5 slot HPC Expansion



(4) double-wide GPUs +
1 single-wide (all Gen 3 x16)

- Dual Purpose Chassis
 - 1) ½ 19" Rack Shelf mountable
 - 2) Desktop/Workstation use
- Supports Passive cooled and active cooled GPUs/FPGAs/SSD
- Chassis Fan Speed controllable
- Supports 300W per GPU

EB-3450 Overview



(6) Gen3 x16 slots total (including host slot)

96 lane **Gen 3** Switch (PLX)

9 Cables for aux power

Express I/O Management Module

- Temperature Monitoring
- Fan control and monitoring
- System Alarming

Two 185 CFM Fans

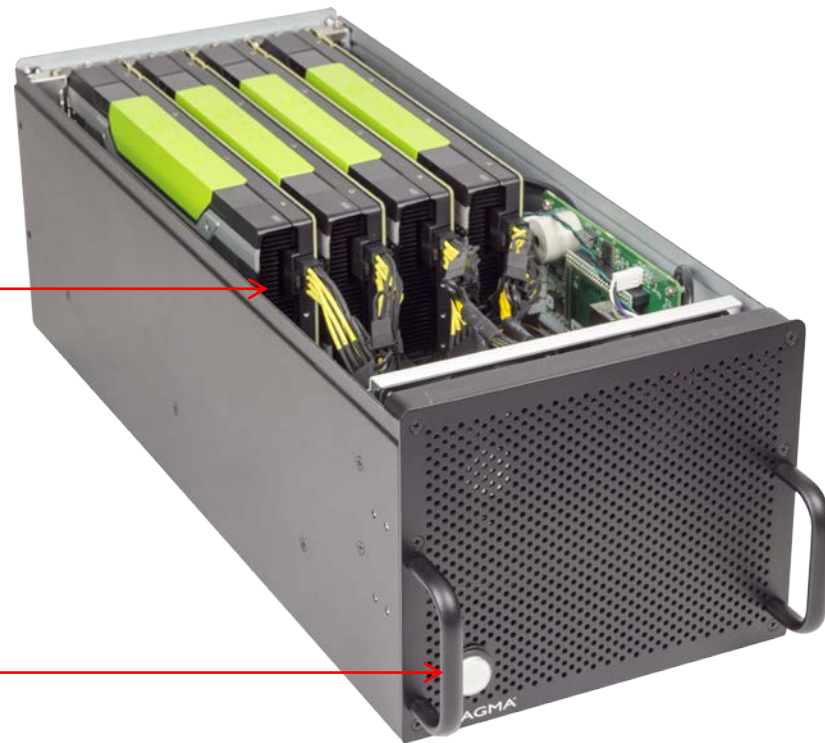
PWM speed controllable for active cooled GPU support (K40c, M6000 etc) and noise control; Can support passive cooled GPUs (K40m/K80)

EB-3450 Loaded with 4 Double-wide GPUs



Note: cables for aux power connection
Six pin connector plus two pin "pony"
on each

Power on/Power Off may
be controlled by server



EB-3450 - External Features

RJ-45 Connector for
Express I/O Management

2 Connectors for x16 Gen3
HBA can use 1 cable for x8
Gen3

2 hot-swap power supplies
@120V: 1200W
@240V: 1500W



Target Markets for EB-3450

- Desktop High Performance Computing with up to 4 double-wide GPUs (Adequate power and cooling for 4 GPUs)
- HPC applications with restrictive rack space allocations
- FPGA equipped cards that need extra power & cooling
- Board sets available for custom enclosures