

# AMD Opteron™ Open Series Systems



## Open Series Blade Server 8U



### Key Application Areas

- Multi Application Server
- Cluster Node & High Availability Apps
- Low Power HPC
- Multi-node Video Rendering

### Product Highlights

- Supports up to 20 Dual Core Opteron Processors
- Support up to 240GB PC3200 ECC REG DDR SDRAM
- SATA II or U320 SCSI

#### Individual Blade Specifications

- Supports up to two AMD Dual Core Opteron™ processors
- Dual µPGA 940-pin ZIF sockets
- Eight 184-pin 2.5V DDR DIMM sockets for up to 24GB (400/333/266/200)
- Two LAN controllers
- Supports 4 channel SATA port for up to four SATA devices
- Integrated Silicon Image Sil3114 SATA RAID Accelerator
- PCI-X bus
- One legacy 32-bit 33 MHz (5V) PCI slot
- ATI® RAGE™ XL PCI graphics controller
- Optional HBA, Dual Port Gigabit Ethernet Card

### Specifications

- 8U Rackmount
- 10 Server Blades in 8U Case (0.8U)
- Support 12" x 13" dual Opteron Motherboard
- Power Supply: 400W power supply each server  
EnclosureFan PS: 100W Redundant power supply  
Size & Type +5VDC +12VDC -12VDC -5VDC +3.3VDC +5VSB  
400W EPS PFC 25A 28A 0.8A 0.8A 20A 2A
- 1 x full size PCI slot via riser
- Drive Bay : 1 internal HDD
- Material : Preplated Aluminum
- Dimension : 17.5" (W) x 29.25" (D) x 14" (H)
- Cooling : 3 x 120x28mm + 4 x 80x38mm Hot Swap fans
- Controls : Power on/off per M/B tray
- Indicators : HDD and power LED's per M/B tray
- System Boards : 12"(W) x 13"(D) ATX/SSI EEB 3.0 M/B
- Temperature : 0°C(32F)~50°C(122F)
- Humidity : 5%~95% non-condensing