

ACCELERATED SERIES

P/N: A24SERIES

The A24 Accelerated Series combined with coprocessors or GPUs accelerates your parallel applications. The A24, featuring the Intel® Xeon® processor E5-2600, provides four PCI-E x16 slots in a 2U server platform and is designed to support up to four Intel® Xeon® Phi™ coprocessors or four NVIDIA® Tesla™ GPUs.

SYSTEM

Processor	Intel® Xeon® Processor E5-2650
Acceleration Cards	Up to four Intel® Xeon® Phi™ Coprocessor or Up to four NVIDIA® Tesla™ GPUs
Operating System	Centos or Ubuntu
Processor Sockets	Dual 2011 Sockets
Chipset	Intel® C602-A PCH
Memory	Maximum up to 512GB 16 Slots (4-channel per CPU)
Optical Drive	1 x Slim-type Optical Drive Bay
Integrated LAN	2 x Intel® 82574L + 1 x Mgmt LAN 1 x Single Port Mellanox ConnectX-3 FDR InfiniBand with QSFP interface (optional)
Integrated Graphics	Aspeed® AST2300 with 16MB VRAM
Connectivity	4 x USB 2.0 ports (Front x 2, Rear x 2) 1 x Internal A Type USB Port 3 x RJ-45 ports (One for ASMB6-iKVM) 1 x External Serial Port 1 x VGA port 1 x QSFP Port

MECHANICALS

Form Factor	2U Rackmount
Power Supply	1+1 Redundant 1620W 80PLUS Platinum Power Supply
Drive Bays	8 x Hot-Swap 3.5" HDD
Front Ports	2 x USB Ports
PCI Express Slots	4 x PCI-E 3.0 x16
Fan	7 x System Fans
Dimensions (w x h x d)	17.5 x 3.4 x 29.5 inches / 444 x 87 x 750 millimeters
Weight	42 lbs / 19kg

