

Fusion Series - 4-in-One

Four Six-Core Westmere Systems in a single 2U Chassis

Unrivalled Efficiency and Performance

RAID Inc. is pleased to add its newest addition to the high-performance computing space, the revolutionary 4-in-1 system. With four nodes in a 2U space, the new 2U 4-in-1 delivers world-class energy efficiency and performance in a small but powerful package.

4-in-1 system nodes- Built with independent full-function system control and management, each node is contained in a convenient module design for easy system upgrade, installation and maintenance. Optimized redundant power and cooling make the 2U 4-in-1 the best choice for HPC, datacenter and cost-effective blade applications. RAID Inc. offers the most advanced and complete HPC solutions in the world.

Green Design

- Four nodes share one redundant power supply
- Four nodes share four cooling fans
- 80PLUS Gold Efficiency Power Supplies run at 50% utilization

Reliability

- Each node has (3) hot-swappable HDDs with RAID 5 enabled
- Each node's motherboard is hot-swappable
- Power supplies are hot-swappable

Ideal Uses

- High-Performance Compute Clusters
- Science, Research, & Imagery
- Defense & Military
- Parallel File System Implementations
- Database Applications

Key Specifications - Per Node

- Processor support: Processor support: Dual Intel® 5600 series Westmere Xeon® Six-Core, with QPI up to 6.4 GT/s
- Memory capacity: Up to 192GB DDR3 1333/1066/800 MHz Reg. ECC using (12) DIMM slots
- Expansion slots: 1 PCIe x16 Gen. 2.0 (Low-profile)
- I/O ports: Optional InfiniBand HCA w/Connect-X QDR speed, 1 VGA, 1 COM, 2 Gbit LAN, 2 USB 2.0 ports
- System management: On board BMC supports IPMI 2.0, media/ KVM over LAN
- Drive bays: (3) hot-swap 3.5" SATA HDD
- System cooling: (4) 80mm heavy duty fans with fan speed control
- Power supply: 80PLUS 1400W Gold-level High-efficiency



This product is available with: **STORAGEWATCH®**

All Fusion systems are StorageWatch® capable allowing users to reduce both infrastructure TCO and organizational operating costs associated with today's business of data assets and intelligence ensuring long term organizational growth.

Exceptional 24/7 Support

The Fusion Series comes with a maintenance and management service package that not only monitors but manages your data 24/7. RAID Inc.'s patent pending StorageWatch® remote monitoring service provides real-time proactive monitoring of the overall condition of your storage / compute solution 24 hours a day, 7 days a week. All components of your solution and environment are monitored for irregularities including: storage arrays, clusters, file systems, RAID controllers, disk drives, power supplies, cooling, switches & fabric (all SAN devices) and backup devices.