

Fusion Series - SuperBlade**One Blade Solution with Fourteen Modules in 7U****Why Fusion SuperBlade**

Fusion SuperBlade offers many unique advantages that differentiate it from competitors' blade products and traditional rack-mount solutions. Customer benefits include maximum affordability, reduced management costs, lower power consumption, optimal ROI, and high scalability - and in most applications, blade servers even reduce acquisition costs.

While current tier-one blade suppliers only offer general-purpose blade servers, Fusion SuperBlade technology is fully optimized for a wide array of mission-critical and compute-intensive applications. With in-house design engineering agility to accommodate customer needs rapidly, Fusion SuperBlade® revolutionizes modular computing architecture by offering several advanced application-optimized models such as Enterprise Blade Server, Data Center Optimized Blade, Workstation Blade and Personal Blade.

Green Design

With Fusion SuperBlade servers, you can help preserve not only our green planet, but keep red ink off your books with green cash savings. A Fusion SuperBlade server can save more than 100 watts over a traditional discrete 1U rack-mount server. These savings add up quickly when your SuperBlade chassis is fully populated with 14 servers. By eliminating the overhead in 1U discrete servers and using the high efficiency (up to 93%) power supplies, SuperBlade can save you \$700-\$1,000 per year in power* for your servers and even more when you add the reduced cooling costs. At the same time, you will reduce your carbon dioxide emissions by over 5.5 metric tons**, the equivalent of planting 1.7 acres of trees.

*Your electricity costs will vary by location.

**According to Energy Information Agency (a statistical agency of the U.S. Department of Energy), saving one kilowatt hour of electricity reduces carbon dioxide emissions by 1.43 pounds.

**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.

Key Features

- Highest computing density (28 Nehalem CPU's, up to 112 Processor Cores, and 168GB memory)
- Fastest and Most Cost-Effective Networking Solution (Infini-band QDR support)
- High Efficiency Power for Earth-Friendly Operations (93% power efficiency with highly effective cooling subsystem design)
- Up to 6 SuperBlades chassis, 84 blades total in a single rack
- Outstanding Storage Flexibility (Up to 60x 2.5" HDDs in 7U)
- Supports Intel® Xeon® 5500/3500 Series (Nehalem)
- Optional Blade 4X DDR InfiniBand (14 internal, 10 external ports) and Gigabit Ethernet (14 internal & external ports) Switch Modules
- Peace of Mind via Remote Management
- Unsurpassed TCO

**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.