

2U

Appro 2426X



The Appro 2426X based on Intel® Xeon® processor 5600 series boosts power efficiency, consolidates and simplifies datacenter performance. The 2426X offers outstanding performance and reliability for a broad range of enterprise and technical computing applications. It provides up to three times the memory bandwidth and four times the capacity, boosting system responsiveness for data-intensive applications. The 2426X uses the Intel® 5520 chipset I/O hub and supports the latest technologies such as Intel® Turbo Boost, QuickPath and Virtualization to provide outstanding server performance and scalability required for next-gen datacenters.

Features and Benefits

- Up to two Dual/Quad/Six-Core Intel® Xeon® Processor 5600 Series
- Up to six hot-swap HDD bays 3.5"
- Up to 6.0TB SATA storage and 48GB in 12 DIMMs of DDR3 memory
- Supports PCIe expansion slots
- Tool-less access to chassis, memory, HDDs, PCI card, blowers
- Custom slim 750W power supply
- Optimized performance for intensive computing demands of enterprise applications
- Providing enhanced memory scalability for memory-intensive applications
- Offers increased platform flexibility with optional PCI/PCI-X connectivity

Ideal Environment

The Appro 2426X addresses today's business needs by delivering simultaneous 32-bit and 64-bit computing. It is the ideal platform for multi-server configurations such as cluster head nodes, front-end solutions, e-commerce, domain controllers, exchange servers, web servers, database servers and web-hosting servers. It is also suited as an application server for corporate enterprise customers by helping infrastructure scale with changing business needs. In addition, Intel® Virtualization Technology enhances software-based virtual environments with hardware assistance providing optimization tools to help improve business services and user productivity.



| Appro 2426X - 2U/DP Server | |
|----------------------------|---|
| Processor | Up to two Intel® Xeon® processor 5600 series |
| Chipset | Intel® 5520 Chipset IOH |
| System Bus | Intel® QuickPath Interconnect (QPI) up to 6.4 GT/s |
| Memory Type | Support for 800/1066/1333 MT/s ECC RDIMM DDR3 Memory |
| Memory Capacity | Up to 48GB in 12 DIMMs across 6 memory channels (3 channels per processor) |
| Disk Controller | Intel® 82801Jx I/O Controller Hub (ICH10R) |
| Drive Bays | Six 3.5" SATA hot-swap drives, optional slimline optical drive |
| Storage Capacity | 6.0TB SATA (or optional SAS) |
| Graphics | Integrated 2D Video Controller with 32MB DDR2 Memory |
| Network Interface | Two 10/100/1000 ports provided by Intel® 82575 PHYs with Intel® I/O Acceleration Technology |
| Input/Output | Rear: One RJ-45 serial port, four USB 2.0 connectors, DB-15 video port, two RJ-45 LAN ports Front: One USB 2.0 connector |
| Expansion Slots | 1 riser with three full-height PCI Express 2.0 x8 wired slots (one x16 and two x8 connectors) |
| Cooling | Four 80mm and two 60mm redundant hot-swap fans |
| Power Supply | Dual, hot-swap 750W power supply modules |
| AC Amperage | 12A max at 110VAC; 6A at 220VAC |
| Weight | Installed: 65lbs (29.5kg) |
| Dimensions (HxWxD) | 3.44" x 16.93" x 33.0" (87.3 x 430 x 838.2 mm) |
| Temperature | Operating: 10°C ~ 35°C Storage: -40°C ~ 70°C |
| Server Management | IPMI 2.0 compliant, Integrated Baseboard Management Controller (Integrated BMC) |

Support: Two years standard warranty. On-site maintenance and installation service options are available.
Rapid Exchange Service Options: Two years warranty (next day parts replacement exchange).



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