

Workstation *Appro WH300X*



The Appro WH300X is an entry-level workstation offering excellent application performance while providing exceptional return on investment. This system provides value, expandability, speed and efficiency when working with compute-intensive applications. It delivers high compute performance with expandable storage capabilities. This Intel® Xeon® processor 5500 series based workstation platform is expected to help users increase project productivity through exceptional application, visualization and data-throughput at an outstanding price/performance ratio.

Features and Benefits

- Up to two Intel® Xeon® processors 5500 Series with DDR3 memory
- Up to 48GB of random access memory
- Supports PCI and PCIe Gen 1 and Gen 2 expansion slots
- Up to 6.0TB of storage space available
- Integrated Floppy and CD-ROM drive
- Up to 1000W single, fixed power supply
- Up to 6 internal, fixed SATA or SAS HDDs
- Up to two 150W or single 300W workstation graphics cards (PCI Express Gen2 x16 slots)
- Choice of Windows or Linux operating systems

Ideal Environment

The Appro WH300X supports the most demanding professional users of advanced 3D workstations. This workstation is ideal for complex and demanding graphics applications such as Mechanical Computer Aided Design (MCAD) and Engineering (MCAE) for automotive and aerospace, petroleum exploration and production, scientific visualization, designers, digital content creation artists, 3D modeling and CAD.

Appro WH300X - DP/Workstation

Processor	Up to two Quad-Core Intel® Xeon® processor 5500 series
Chipset	Intel® 5520 Chipset
Memory Type	Support for 800/1066/1333 MT/s ECC RDIMM DDR3 Memory
Memory Capacity	Up to 48GB in 12 DIMMs across six memory channels (3 channels per processor)
Floppy-Drive	Floppy: 3.5" 1.44MB FDD (Optional)
CD-ROM	5.25" CD-ROM (Optional)
Disk Controller	Intel® 82801Jx I/O Controller Hub (ICH10R)
Drive Bays - Internal	Up to six SATA/SAS fixed drives (hot-swap kit optional)
Drive Bays - External	2x 5.25" external drive bays 1x 3.5" external drive bay
Storage Capacity	6.0TB SATA (or optional SAS)
Audio	7.1 channel audio support based on Realtek ALC889 with 16/20/24-bit S/PDIF
Graphics	Two 150W or single 300W workstation graphics cards (PCI Express Gen2 x16 slots)
Network Interface	Dual 10/100/1000 Intel 82563EB PHYs supporting Intel I/O Acceleration Technology
Input/Output	Rear: One RJ-45 serial port, four USB 2.0 ports, 7.1 channel Audio Connections, One IEEE 1394a connector Front: Two USB 2.0 ports
Expansion Slots	Two full-length/full-height PCI Express Gen2 x16 slots One full-length/full-height PCI Express Gen1 slot (x4 Mechanically, x1 Electrically) One full-length/full-height PCI Express Gen1 slot (x8 Mechanically, x4 Electrically) , shared with SAS Module Slot One 32-bit/33-MHz PCI slot, keying for 5-volt and Universal PCI add-in card
Cooling	One tool-less, 120-mm chassis fan. One tool-less 120-mm PCI fan. One tool-less 92-mm drive bay fan.
Power Supply	1000W single, fixed PS
AC Amperage	15A max at 110VAC; 7A at 220VAC
Weight	Installed: 35lbs. (15.9kg) to 50lbs. (20.45kg)
Dimensions (HxWxD)	17.8" x 9.256" x 19" (452 x 235 x 483 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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