

WSX218-PSC

The Ultimate Workstation!

The Ultimate, 45nm Quad-Core Computing Platform. Engineered with EXTREME Levels of both CPU & GPU Processing Power to Overcome the Most Complex of Computing Challenges.

Powered by the very latest Intel® Xeon 5500 Series 'Nehalem' CPUs and NVIDIA Tesla™ GPUs to Radically Enhance your Project Productivity, Time to Market (TTM) & Financial Return of Investment (ROI) - All with a Reduced Corporate Carbon Footprint.....

Features:

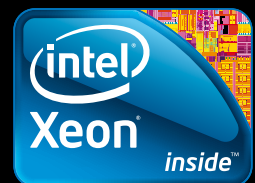
- Cutting Edge Intel® Xeon 5500 Series 'Nehalem' 64Bit Quad-Core Microprocessors
- Eight Dedicated CPU Cores with 16x Thread Executions (HT Technology)
- DUAL Intel® 5520 Professional Workstation Chipsets
- Intel® Quick Path Interconnect (QPI) Technology up to 6.40GT/Sec
- Up to 64GB Ultra High Performance Triple Channel DDR-3 Memory
- Up to 4x NVIDIA Tesla™ C1060 4GB GPU Computing Cards
- 4.0 Tera FLOPS of Single Precision GPU Floating Point Performance
- Up to 960 Dedicated GPU Computing Cores For Massive Parallel Computing
- Optional NVIDIA Quadro® FX Professional Workstation Graphics up to 4GB
- Innovative Low Noise PSC Chassis with Advanced Cooling Systems
- Enterprise Class Data Storage (Max. 12TB Storage Capacity)
- 90%+ Efficient Design with Low Carbon Footprint



Workstation
Specialists

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www.workstationspecialists.com





WSX218-PSC

specification

Processors:	Intel® Xeon 5500 Series Quad-Core 64Bit Processors (4.80/5.86/6.40 GT/Sec QPI) DUAL Intel® 5520 Workstation Chipsets with QPI up to 6.4GT/S and ICH10R Supports Intel® Xeon E5500/X5500 & W5500 Series CPU's
Memory:	Up to 64GB of Triple Channel ECC Reg. 1066/1333MHz DDR3 Memory 8x 240-pin DIMM sockets supporting 1333 DDR3 Registered ECC Memory Available with 1GB, 2GB, 4GB, and 8GB DDR3 ECC Reg. Memory Modules
Form Factor:	Full Tower Personal Super Computer Chassis Design (DxWxH) - 430 x 230 x 680mm
Graphics:	Integrated VGA Graphics with Optional 3rd Party Professional Workstation Graphics <ul style="list-style-type: none">• NVIDIA Quadro® FX Graphics Cards up to 4GB• Dual Display Output (Single & Dual-Link DVI)• Dual Display Outputs (Display Port)• Optional SDI Outputs• x16 PCI-Express Generation 2.0 Graphics Interface
GPU Computing:	Support for up to FOUR NVIDIA Tesla™ C1060 4GB GPU Computing Cards <ul style="list-style-type: none">• 960x Parallel GPU Computing Cores (240x Cores Per Card)• 1.3GHz GPU Processor Core• IEEE 754 Single & Double Floating Point Precision• 800MHz Memory Speed• 512Bit Memory Interface (102GB/Sec Bandwidth)• DOUBLE Width x16 PCI-E Generation 2.0 Device• Full NVIDIA Cuda & OpenCL Programming Language Support
Storage:	Support for up to SIX Hard Disk Drives (Max 12.0TB) <ul style="list-style-type: none">• SATA 3.0GB/Sec – 80GB to 2.0TB (7,200rpm)• SATA 3.0GB/Sec – 150GB to 300GB (10,000rpm)
Optical:	DVD/RW & BluRay/RW Drive Options
Integrated Devices:	Standard 8MB VGA Graphics (VGA) Intel® ICH10® SATA Host RAID Controller Support for RAID 0, 1 & JBOD Dual Intel® Gigabit Ethernet Controller Optional High Definition Workstation Audio
I/O:	
External:	2x Gigabit Network Interface Port (RJ45), Optional High Definition Audio Ports (Rear), 4xUSB2.0 Ports (Rear)
Internal:	SATA 3.0GB/Sec Ports, 4x (x16) PCI-E Generation 2.0, 1x (x4) PCI-E (in x 8 slot), 1x (x4) PCI-E, 1x PCI 33MHz slots
Supported Operating Systems:	Microsoft Windows XP/Vista 32/64 Various Linux 64Bit Operating Systems Supported (Redhat, Ubuntu, Fedora, CentOS)