



Xeon® Workstation

Intel® Dual Socket Nehalem Xeon Workstation

"Affordable High Performance /
Enthusiast Gaming Workstation"



The HiPerStation 2000i delivers incredible performance, storage and visualization in a desktop form factor at great affordability. HiPerStation 2000i is ideally suited a wide range of graphics and visualization applications using DirectX, OpenGL and 2D/3D rendering.

HiPerStation 2000i features the latest high performance Xeon dual core and quad core microprocessors from Intel featuring the latest Core 2 Micro-architecture. It combines the power of Xeon processors with the latest DDR3 memory, PCIe expansion bus, QuickPath Interconnect (QPI) and SAS/SATA storage technologies



Highlights

- > Two Intel Xeon Processors
- > Supports Xeon Quad-Core Processors
- > Supports up to 144 GB of DDR3 Memory
- > Up to four PCIe x16 slots
- > Up to three PCIe x4 slots
- > Two PCI-X 133MHz slots
- > Support for up to Eleven drives

Processor:

- > Supports two sockets Intel® Xeon® quad-core or dual-core processors

System Memory:

- > Supports up to 144GB DDR3 memory
- > Supports 1333MHz and 1066MHz per system

Storage:

- > SATA 2.0 support for up to six drives
- > SAS support for up to eight drives (optional)
- > SCSI U320 support for up to 11 drives (optional)
- > Up to eleven drives per system

Networking:

- > Two Gigabit Ethernet Ports
- > Intel® 82563 Gigabit Network

Chipset:

- > Intel® 5520 MCH, ESB2, and PXH-V I/O Hub

Graphics:

- > Support for ATI Fire GL® or Radeon®
- > Support for NVIDIA®Quadro® or GeForce®
- > on board integrated graphics controller

Integrated Hardware Monitor:

- > CPU thermal and voltage monitor support
- > Winbond W83793G Hardware Monitor IC
- > Supports Windows and Linux based HW monitor
- > Fan speed control and monitoring
- > Chassis Intrusion

Systems Management (optional):

- > HPC Systems Server Management Daughter card
- Supports IPMI 2.0 specifications
- > Command Line Interface (CLI), Web Based, or Customized Remote Management Software
- > Virtual Media Over LAN (Virtual USB Floppy/CD and Drive Redirection)
- > LAN Alert-SNMP Trap
- > Event Log
- > Hardware Health Monitor
- > Remote Power Control
- >Support RMCP & RMCP + Protocols

Expansion Slot:

- >Up to four PCIe x16 slot (x16 signal)
- > Up to three PCIe x4 slots
- >Two PCI-X 133MHz slots

Power Supply:

- > 1200W power supply

Front Panel:

- > Power and Reset switch,Power LED, HDD LED
- > Three USB 2.0 ports
- > One Microphone input and One Headphone output

Rear Panel:

- > Two PS/2 Ports, One VGA Port
- > Four USB 2.0 Ports, Two RJ45 Ethernet Ports
- > DB9 Serial Port,DB25 Parallel Port
- > One Line-In ,One Microphone-In
- > Four Surround Sound Ports

Operating System:

- > Red Hat® Enterprise Linux®
- > SUSE LINUX Enterprise Server
- > Microsoft® Windows® XP
- > Microsoft® Windows® Server Enterprise & Standard Editions
- > Sun® Solaris & CentOS

Chassis:

- > Tower Chassis 227mm x 536mm x 584mm (W x H x D)
9" x 21" x 23" inches (W x H x D)

System Operating Environment:

- > Operating Temperature Range: 5 - 35°C
- > Non-Operating Temperature Range: -40 - +60°C
- > Humidity Range: 8 - 90% non-condensing

Service and Support:

- > Two years standard parts and labor warranty
- > Optional on-site maintenance and support services available

Ideal For:

- > Animation & Rendering
- > CAD / CAM / CAE
- > GIS
- > Molecular Dynamics and other scientific visualization
- > CFD Applications - Oil & Gas, Vehicle Design, Air Flow
- > Digital Content Creation - Adobe, ULead etc.
- > EDA
- > 3D Modeling for Architects, planners, interior designers - Autodesk, 3D Home etc
- > Game development & High end enthusiast games

HPC Systems, Inc.

48009, Fremont Blvd, Fremont, CA. 94538 (888) SALE-HPC
info@hpcsystems.com

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