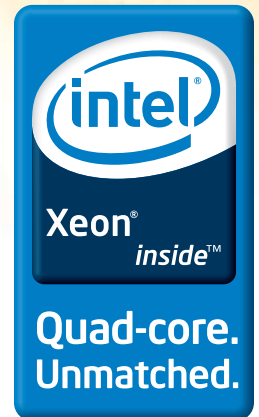


GRAPHIXX5000®

engineered by VXTECH



**Proven Platform
Technologies for
Digital Content
Creation and
Visual
Simulation**



SPEED, PERFORMANCE, A NEW STANDARD FOR WORKSTATION

The GRAPHIXX-5000 workstation delivers the multi-core processing power you are looking for. Designed to deliver groundbreaking performance, exceptional performance and power efficiency for compute and graphics intensive environments, the new-generation GRAPHIXX workstation lets you create, design, render, and analyze, without compromise.

KEY FEATURES HIGHLIGHT

- Dual/Quad-Core Intel® Xeon® Processors
- Up to 64 GB of Memory
- Dual PCI Express 16X Slot
- High Performance OpenGL Graphics Card (ATI and nVIDIA)
- Dual Graphics SLI / CrossFire Optional
- Up to 8 TB of Hot-Swap Storage
- Whisper Quiet Workstation (28 dB)

The New GRAPHIXX-5000 workstation from VXTECH offers outstanding performance, incredible graphics and very large memory up to 64 GB for critical technical or artistic computing. The GRAPHIXX-5000 offers up to two 64-bit Dual/Quad-Core Intel® Xeon® 5200/5400 series processors and a wide range of high-performance OpenGL graphics cards. The GRAPHIXX-5000 is designed with all new performance architecture for the most business-critical, compute-intensive and graphically demanding workstation environments.

The VXTECH GRAPHIXX-5000 offers a wide range of the very latest high-end graphics cards that give you extraordinary graphics performance for the most demanding visual applications in industries such as oil and gas, CAD, animation and 3D modeling. Choose an optional dual-graphics card from ATI or NVIDIA which support a quad-monitor display or a truly top-level visual performance.

VXTECH
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TECHNICAL SPECIFICATIONS

GRAPHIXX5000

Form Factor (D x W x H)	Tower 25.5" x 7.0" x 17.2" (648 mm x 178 mm x 437 mm)
System Security	Chassis intrusion detection; chassis intrusion header
Processors	Up to two 64-bit Quad-Core Intel® Xeon® 5400 series processors with 12 MB cache or Dual-Core Intel® Xeon® 5200 series processors with 6 MB cache
Front Side Bus Speed	1600 or 1333 MHz dual independent bus architecture
Memory Capacity	Up to 64 GB, DDR2 Fully Buffered DIMM, 800 and 667 MHz ECC memory, dual branch memory bus, memory sparing supported
Chipset	Intel 5400 (Seaburg)
Network Connections	Intel® 82575EB dual port Gigabit Ethernet, Intel® I/OAT support
Management	Support for Intelligent Platform Management Interface v.2.0, 200-pin IPMI slot (SIMLP)
Graphics	Support for two (2) PCI Express x16 graphics cards including the latest ATI® FireGL™ V8650/8600/7700; NVIDIA Quadro® FX 5600/4600. All graphics cards support dual monitor configurations; SLI (Scalable Link Interface), CrossFire™ and Quad Monitor options available.
Audio	Integrated High Definition Audio with Realtek ALC883 High Definition Audio CODEC
Standard I/O ports	Six USB 2.0 ports: two on front panel, four on back panel; one serial port and one serial header; one parallel port; two IEEE 1394 headers; PS/2 keyboard and mouse ports; two RJ-45 ports
Hard Disk Drive Support	Up to eight (8) hot-swap SAS/SATA 3.0 Gb/s drives; RAID 0,1,5 and 10 (7 th and 8 th HDD require additional controller)
Hard Disk Drive Capacity	SATA 3.0 Gb/s - 7200 RPM 16 or 32 MB DataBurst Cache (250, 500, 750 GB and 1 TB) SATA 1.5 Gb/s - 10 KRPM 16 MB DataBurst Cache (36, 74 or 150 GB) SAS - 10 KRPM (up to 400 GB) / SAS - 15 KRPM (up to 300 GB)
I/O slots	2 x PCI Express x16 (Gen 2.0) slots; 1 x PCI Express x8 slot 2 x PCI-X 133 MHz slots; 2 x PCI 32-bit slots
Drive/Optical Bays	Two external 5.25" bays which can accommodate an IDE HDD; CD-ROM, CDRW; CD-RW/DVD Combo; DVD-ROM15; DVD+/-RW5; a third external 5.25" bay with 3.5" 1.44 MB floppy drive
Monitors	Performance flat panel displays, Samsung and Philips™ widescreen and standard flat panel displays from 17" viewable to 24" viewable; Analog flat panel displays and CRT monitors also available
Keyboard	Logitech USB and/or wireless USB
Mouse	Logitech USB optical/Optical wireless two-button scroll mouse
Optional Speakers	Altec Lansing two (2), three (3) or five (5) piece stereo system
Lead Free Compliance	Compliance with European Union Lead-Free Directive 2002/95/EC, officially titled "The Restriction on the Use of Hazardous Substances (RoHS) in Electrical and Electronic Equipment"
Ambiant Temperature	Operating: 10°C to 35°C; Non-operating/storage: - 40°C to +70°C
Relative Humidity	Non-operating: 95% or non-condensing at 30°C
OS Support	VXTECH recommends Genuine Microsoft® Windows® XP Professional, Genuine Windows XP Professional x64 Edition; Windows Vista™ Capable; Red Hat Enterprise Linux WS v.4 (Intel EM64T)
Applications	Graphics (Adobe Illustrator, Photoshop, InDesign, etc...); Compositing (Autodesk 3ds Max8, Combustion 4) Rendering (Mental Ray, Pixar RenderMan, Adobe Afert Effects, Autodesk Maya); Video (Adobe After Effects/Premiere) CAD/MCAD (Dassault Solidworks, PTC Pro/Engineer/Autodesk Autocad); Oil and Gas (Schlumberger, Landmark Graphics) Simulation (Fluent, LS-DYNA, CD-Adapco)
Warranty	Bronze - 3 years, parts and labor, return to VXTECH Silver - 3 years, parts and labor, onsite 5x9xNBD (next business day) Gold - 3 years, parts and labor, onsite 7x24xND (next day) Platinum - 3 years, parts and labor, onsite 7x24x4h



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