



Portable Graphics Workstation for 3D Design, Engineering, and Visualization Professionals

NextDimension XGE is a high-performance mobile workstation for professional users running high-end 3D design and visualization applications. This compact computer squeezes workstation performance into a briefcase-sized package, opening up new possibilities for interaction in the design process, and enabling team members to collaborate on projects across multiple locations.

The XGE system also makes an ideal demonstration tool enabling your business to deliver the full impact of a project, design concept or application in real-time and in person.

NextDimension XGE brings best-in-breed workstation characteristics to a mobile form-factor, enabling professional user communities to change how they work. For example:

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| Product Design | Collaborate more efficiently by developing designs with your customer, not just for your customer. |
| Mechanical CAD | Speed up the product development cycle by working with larger assemblies and more complete datasets, with the flexibility to work from anywhere. |
| Architecture & Civil Engineering | Make critical decisions with key project stakeholders in a collaborative environment with all relevant data at your fingertips. Save precious space and power in remote trailers. |
| CAE / CFD | Properly evaluate the impact of design decisions based on accurately simulated environments, then react quickly to implement changes. |
| Digital Content Creation | XGE is your "always-ready creative toolbox", giving you the tools to bring your ideas to life whenever and wherever inspiration strikes. |

- Integrated 17-inch wide-screen (1920x1200) display, with additional DVI ports for external monitors
- Single or Dual low-voltage 2.33GHz Quad-Core Intel® Xeon® 5400 series processors
- 8, 16, or 24GB DDR2 ECC RAM
- Single or dual high-performance graphics accelerator boards from NVIDIA® or ATI™
- 64-bit Windows or Linux OS
- Modular architecture for easy upgrades and expandability
- Comfortable leather handle for easy portage
- Retractable tilt legs for a unique laptop-like setup
- Durable, compact chassis - 4.44" (D) x 11.44" (H) x 16.8" (W)



NEXTDIMENSION XGE

CPU

- (1) or (2) 2.33GHz Intel® Xeon® L5410 Quad-Core processors, 12MB L2 cache, 1.333GHz FSB

Memory Options

8GB (4x2GB), 16GB (4x4GB), or 24GB (4x6GB) DDR2 PC2-5300 (667MHz) ECC RAM

Display

- Integrated 17" WUXGA+ LCD up to 1920x1200
- Supports additional external displays including NextComputing's specially designed clip-on displays with resolutions to 1920x1200
- Optional touchscreen (1920x1200)

PCI Express Graphics Options

- NVIDIA® GeForce® 9500GT, 9600GT, 9800GT
- NVIDIA Quadro® FX 580, 1800, 3800, 4600, 4800
- ATI FirePro™ V3750, V5700, V7750

I/O

- (2) Gigabit-Ethernet ports
- (4) USB 2.0 ports
- (1) DVI-Digital port for external monitors
- Firewire 1394a, 400Mbps, 3-port Physical Layer
- Integrated RealTek ALC850 Audio Line-In, Line-Out, Mic-In

Storage and Media Bays

- Single or dual quick-time removable SATA hard drives 320GB / 500GB 7200RPM each **or** Single or dual fixed SAS hard drives 146GB 10K RPM each
- Single fixed internal SATA hard drive 320GB / 500GB 7200RPM
- Internal DVD±RW

Input Device

- Kensington slim USB keyboard
- Logitech USB travel mouse

Audio

- Logitech USB portable speakers
- Integrated RealTek ALC850 Audio

64-bit Operating System Options

- Microsoft Windows Vista Business
- Microsoft Windows XP Professional
- Fedora 8 Desktop
- SUSE Linux Enterprise Desktop 10 Pro

Power Sub-System

400w Whisper Technology 110/220V 50/60Hz auto-switching power supply

Environmental

- **Operating:** 5°C–55°C, 41°F–131°F, Relative humidity (5-95%) non-condensing
- **Non-Operating:** -40°C–65°C, -40°F–149°F, Relative humidity (5-95%) non-condensing

Regulations & Physical Dimensions

- FCC Class A, and CE. Certified TUV
- 4.44" (D) x 11.44" (H) x 16.8" (W)
- Basic configuration ~ 18 lbs

Warranty

1 year parts and labor

Carrying Case

Includes soft carrying case



Optional Equipment

- Thin, lightweight clip-on display: 17" WUXGA+ LCD with resolution up to 1920x1200
- LG 24" LCD monitor
- Rugged cases in a variety of form factors
- Rolling soft case with telescoping handle



Made in the USA

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