NextCOMputing
Xtreme mobile computing

NextDimension
WITH FleXtreme INSIDE

AMD 64 Opteron

PCI EXPRESS

Jump to the Next Dimension with NextCom's New FlexTop—the Power of a Workstation/Server with the Mobility of a Laptop

Harness the power, efficiency, and computing density of Dual-Core AMD Opteron™ processors in the new, portable FlexTop class

Expand your I/O capability with up to 12 standard ports

Run multiple 32- and 64-bit operating systems with dual-boot or VMWare concurrent use environments

Manipulate, adjust, and edit your 3D or Hi-Def digital and broadcast content onsite

PCI-X and PCI Express 16x expansion slots, up to (2) NVIDIA Quadro® 3500 PCIe cards by PNY Technologies and up to six displays with NextCom's HydraGraphics configuration *(WindowsXP Pro only)*

Change drives quickly and easily with our quick-time removable internal SATA drives up to 160GB each

Microsoft Windows Server System · Fedora CORE · SOLARIS · suse A NOVELL BUSINESS

nVIDIA.

Let us configure a NextDimension to provide the perfect computing solution in your field:

- Graphics application development
- Imaging
- Game development
- Animation
- Data streaming
- ISV server and graphics application demonstration
- Test & Measurement

PNY TECHNOLOGIES

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NextDimension

Featuring NextCom's Flexible, Powerful FleXtreme™ Architecture

Easy Access PCI-X / PCI Express Slots

Hot Swappable Hard Disk Drive (Windows)

Processor	• (1) Single-Core AMD Opteron™ processor to 3.0GHz • (2) Single-Core processors to 2.4GHz	• (1) Dual-Core AMD Opteron™ processor to 2.6GHz • (2) Dual-Core processors to 2.2GHz
Memory	Up to 8GB DDRAM with single processor configurations, and up to 16GB with dual processor configurations	
Display	• Internal 17" WUXGA+ LCD up to 1920x1200 (Windows XP Pro, 2003 Server only)	• Supports additional external flat panel displays with resolutions to 1920x1200 • Mobile, no-integrated-display desktop configuration
Graphics	• On-board ATI Radeon Mobility graphics controller with 64MB VRAM with dual channel interface	• Full-length PCI Express graphics options (including dual NVIDIA Quadro® 3500 GPUs)
Standard Interfaces	• (3) Gigabit-Ethernet ports • (4) USB 2.0 ports • (1) RS232/422/485 port • (2) external SATA ports • (1) RS-232 port • (1) CRT SVGA port for dual-head		
PCI Expansion	• (1) PCI-X 64-Bit/133MHz full length slot and (1) PCI Express 16x full length slot **-or-** • (2) PCI-X full length slots **-or-** • (2) PCI Express 8x (16x mechanical) slots **-or-**	• (2) NVIDIA Quadro® 3500 PCI Express cards by PNY Technologies for SLI or quad-head mode (plus up to (2) additional displays via integrated ATI graphics controller (Windows XP Pro 64-bit only)
Storage Disks and Media Bays	• Single or dual removable and bootable 2.5" 40/60/80/100/120/160GB SATA HDDs	• RAID 0/1, 0+1 controller (Windows only) • Internal DVD, CDRW/DVD, or DVD-RW
Additional Internal HDD Configurations	*Additional HDD configurations (additional internal drives not available in dual PCIe configuration):* • **(4)** 2.5", SATA drives (5400rpm to 120GB or 7200rpm to 100GB each) *With a PCI card RAID controller (available for all operating systems):* • **(4)** 2.5", SCSI or SAS / 10k rpm drives to 73GB ea • **(2)** 3.25" SCSI or SAS / 10k rpm drives to 300GB ea • **(2)** 3.25" SCSI or SAS / 15k rpm drives to 147GB ea • **(2)** 3.25" SATA / 7200 rpm drives to 750GB ea *Alternative to internal DVD option:* **(1)** additional 2.5" SATA or SCSI HDD	
Optional External Disk Drives	• NextDisk direct attached storage • USB DVD/CDRW drive	• SATA HDDs to 120GB
Input Device	• Support for external USB PC keyboard and external mouse or external USB KVM • Wireless via external wireless keyboard hub	
Operating System Support (32- or 64-bit)	**Server OSs:** • SuSe Enterprise Linux • RedHat Enterprise Linux • Microsoft Windows 2003 Server • Solaris 10 x86 (64-bit only)	**Workstation OSs:** • Windows XP Pro • SuSe Desktop Linux • Fedora Core Linux • Solaris 10 x86 (64-bit only)	Dual boot environments and Win-UX w/VMware or Xen, allowing concurrent use Linux and Windows, available for both servers and workstations
Power Sub-System	110/220V/50-60Hz switching power supply. 400W external power supply	
Optional USB 2.0 Docking Station (Windows only)	Connects up to (8) external peripherals simultaneously; docking station features: • (1) modem serial port • (1) PS/2 mouse • (1) printer port • (1) built-in USB-to-Ethernet adapter port • (1) PS/2 keyboard (Windows and Linux only)	
Viewing	Tiltable viewing angle to 7°	
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	FCC Class A, and CE	
Physical	4.44" (D) x 11.44" (H) x 16.8" (W) (Desktop-replacement-notebook-style profile) ~ <12-18 lbs	
Carrying	Includes carrying case (**pictured right**). Optional hardened cases. Optional rack-mount kit.	

Optional external SATA drive to 120GB

Optional PCI Expansion Chassis

Each features (2) USB 2.0 ports, (2) PS/2 mouse ports, (1) seral port, and dual-head support

• **Basic:** 2-slot 32-bit/33MHz

• **NextBox 32**: 4-slot 32-bit/33MHz 13.1"W x 3.5"H x 16.4"D, weighs approximately 9 lbs

• **NextBox 64**: 7-slot 64-bit/66MHz 19"W x 7"H x 17.7"D, weighs approximately 24 lbs

Made in the USA

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