

NextPak Mass Storage For AMD-Based NextDimension Models



NextPak:

- Increased HDD capacity: between 1 – 5 external HDDs
- Increased sustained read/write rates
- Adds only 1" to NextDimension width
- Connects to internal PCI RAID card

NextDimension System:

- Smallest footprint of any server or workstation
- Standalone system 12-20lbs.—Portable, high-performance computing anytime, anywhere
- Smartest portable multi-display solution available
- Single NextPak PCI RAID controller card lets you speed up and secure your data



NEXTDIMENSION **Featuring NextPak Mass Storage**

Modular Processing Options

- (1) or (2) Single-, Dual-, or Quad-Core AMD Opteron processors

Memory

- Up to 24GB RAM

Display Options

- Integrated 17" WUXGA+ LCD up to 1920x1200
- Supports additional external displays with resolutions to 1920x1200

PCI Expansion

4-slot Midplane Options (Evo Models)

- Option 1: (1) factory-accessible PCI-X slot (2) PCI Express (PCIe) 8x (16x mechanical) slots and (1) PCI-X 64-bit/100MHz slot
- Option 2: (1) factory-accessible PCI-X slot (1) PCIe 16x slot and (2) PCI-X 64-bit/66MHz
- Option 3: (1) factory-accessible PCI-X slot (2) PCIe 8x (16x mechanical) slots

2-slot Midplane Options (Pro and Evo Models)

- Option 1: (1) PCI Express 16x full length slot and (1) PCI-X 64-bit/133MHz full length slot
- Option 2: (2) PCI-X full length slots
- Option 3: (2) PCI Express 8x (16x mechanical) slots
- Option 4: (1) 5V PCI and (1) PCI Express 16x

Power Sub-System

400w **or** 520w—110/220V 50/60Hz auto-switching power supply

I/O

- Up to (3) Gigabit-Ethernet ports
- (4) USB 2.0 ports
- Optional FireWire 400, 800, or audio card
- DVI-Digital, DVI-Analog, or CRT SVGA ports
- (2) external SATA ports and (2) RS-232 ports (with optional external RS-422/485 adaptor)
 - or- (4) external SATA ports
 - or- (2) multi-lane SAS Quad ports

Storage and Media Bays

- Single or dual hot-swappable and bootable 2.5" 160 / 250 / 320 / 500 GB (16MB cache) 7200RPM SATA HDDs
- Internal DVD R/RW (ODD drive can be replaced by Blu-Ray R/RE or up to (2) SATA or IDE 2.5" HDDs)
- AMD-based Systems: On-board RAID 0, 1, 0+1 controller (Windows only)
- Intel-based Systems: On-board LSI Logic RAID 0 / 1 / 0+1 SATA controller with up to (8) ports plus on-board SATA controller with up to (6) ports

NextPak

- **Factory configured NextPak supports up to (5) additional 2.5" SATA or SAS hard drives to 500GB each**

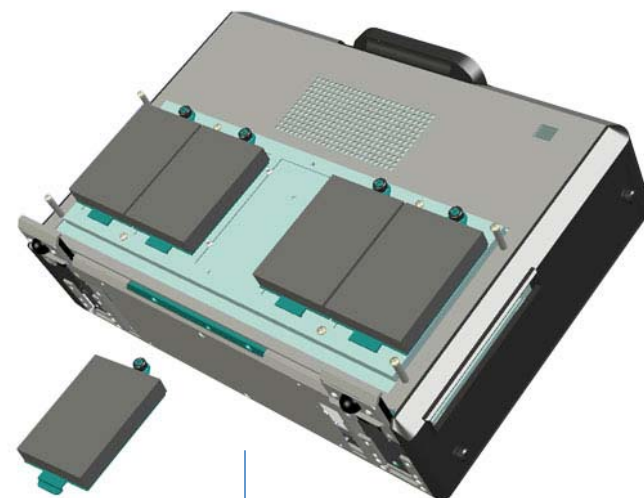
Additional Internal HDD Configurations

- User access bay houses up to **(10)** 2.5" SATA drives (up to 500GB 7200 RPM ea) **-or-** **(2)** 3.5" SATA drives (7200 RPM to 750GB ea) **-or-** **(6)** 300GB/10K RPM or 147GB/15K RPM SAS drives
- Factory access bay houses up to **(3)** 2.5" SATA drives **-or-** **(2)** SAS drives **-or-** **(1)** 3.5" SATA drive

(Configurations limited by length of PCI cards used.)

Optional External Disk Drives

- NextDisk direct attached storage
- Mini external SATA HDDs



5.44" depth (Pro model)
6.69" depth (Evo model)

11.44" height

16.8" width

~ <12-20 lbs

