

Rugged Mobile Briefcase Workstation and Server Featuring Dual-Core and Quad-Core Intel® Processors



Expand flexibility with up to (5) internal media bays

Maximize your storage serving capabilities with 200MB/s SCSI, serial ATA, USB 2.0, and attached storage options

Operate anywhere with this rugged aluminum alloy case; light weight, thin profile, and hard anodizing surface

Take-it-and-go innovative briefcase design with flip-down keyboard

Run multiple tasks with virtualized or dual boot OS environments and reconfigurable hardware

Leverage 3rd party I-O technologies with Vigor's built-in PCI slots or full length expansion chassis options





Modular Processing Sub-System

Xeon LV 5148 Processing Modules:

- (1) or (2) Dual-Core Intel® Xeon® processors 2.33GHz, 4MB L2 cache, 1066MHz FSB, 40W

Xeon LV 5320 Processing Modules:

- (1) or (2) Quad-Core Intel® Xeon® processors to 2.0GHz, 8MB L2 cache, 1066MHz FSB, 50W

Memory

Up to 16GB via (4) DMA channels

Display

- Integrated 15-inch TFT 1600x1200 LCD.
- Quick disconnect to support single or dual external 1920x1200 flat panel displays

Graphics

- On-board ATI X300 PCI Express Graphics controller with 64MB VRAM and dual channel CRT interface
- Multiple PCI Express graphics options from NVIDIA and ATI

Standard Interfaces

- (2) Gigabit-Ethernet ports
- (4) USB 2.0 ports
- (1) DVI port for dual-head display
- Firewire 1394a, 400Mbps, 3-port Physical Layer
- Audio Line-In / Line-Out / Mic-In (AC97)

(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

PCI Expansion

- (1) PCI-X 64-Bit/133MHz full length slot & (1) PCI Express 16x full length slot -or-
- (2) PCI-X full length slots -or-
- (2) PCI Express 8x (16x mechanical) slots

Internal Disk and Media Bay Options

- Up to (5) internal media bays available including single or dual removable and bootable 2.5" 100 / 120 / 160 / 200GB SATA HDDs
- Internal DVD-R/RW
- On-board LSI Logic RAID 0/1/0+1 SAS controller with up to (8) ports, and SATA controller with up to (6) ports

Input Device

3-button touch pad with full function keyboard. Support for external USB PC keyboard and mouse or external KVM

Operating Systems

Server OSs:

- 32- or 64-bit SuSe Enterprise Linux
- Red Hat Enterprise Linux
- Microsoft Windows 2003 Server
- Solaris 10 64-bit and Trusted Solaris x86

Workstation OSs:

- 32- and 64-bit Windows XP Pro
- 32- or 64-bit SuSe Desktop Linux
- Fedora Core Linux
- Solaris x86 and Solaris 10

Dual boot environments and Win-UX with VMware, allowing concurrent use Linux and Windows, available for both servers and workstations

Battery

Optional external AC 110/220V UPS/DC power pack: 15 minutes depending on configuration and use

Power Sub-System and External UPS

- 110/220V 50-60Hz switching power supply
- 350W power supply

Environmental (designed to meet only)

- Operating: 5°C-50°C, 41°F-131°F, relative humidity (5-95%) non-condensing, Shock: (half-sine wave) 200Gs/2ms, Vibration: (sine-wave) 1G (5-500Hz)
- Non-Operating: -40°C-65°C, -40°F-149°F, relative humidity (5-95%) non-condensing, Shock: (half-sine wave) 200Gs/2ms, Vibration: (sine-wave) 5G (22-500Hz)

Regulations

FCC Class A and CE

Dimensions

5.6" (D) x 11.1"(H) x 16.6"(W), (14.2cm x 28.2cm x 42.2cm) very low profile ultra thin depth behind LCD display, desktop replacement, notebook-style front view

Weight

Weight ~ 17-23 lbs

Carrying Case

Includes soft carrying case. Optional hardened cases and/or rack-mount kit available upon request, including MIL-STD-2073



Optional I/O

- PCI Based USB 2.0 ports
- PCI Based GbE ports
- Dual fibre channel
- Single or dual Ultra160 SCSI
- USB DVD/CDRW and HDDs to 500GB
- NextBox 32: 4-slot 32-bit/33MHz PCI expansion chassis, 13.1" W x 3.5" H x 16.4" D—weighs approximately 9 lbs
- NextBox 64: 7-slot 64-bit/66MHz PCI expansion chassis, 19" W x 7" H x 17.7" D—weighs approximately 24 lbs

