



CRAY CX1

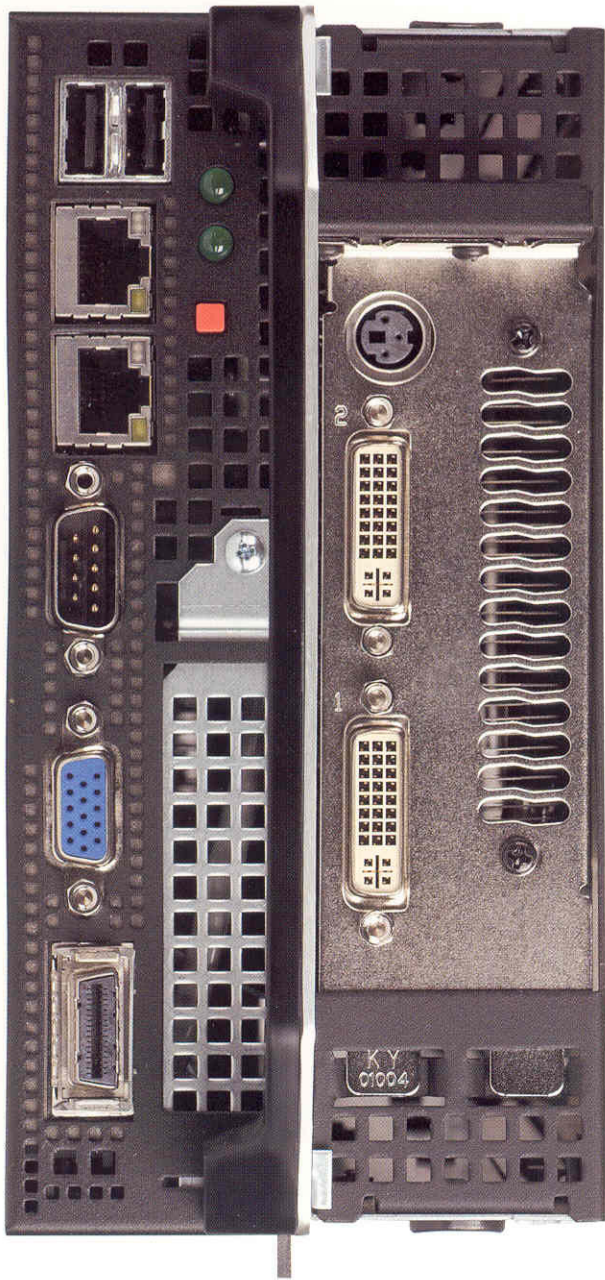
Visualization Blade CV5501-XD

- ➔ Quad-Core Intel® Xeon® Processors
- ➔ NVIDIA® Quadro® FX Graphics Cards

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Powerful.
Intelligent.

Visualization Blade CV5501-XD

Processors	Up to 2 Quad-Core Intel Xeon 5500 Sequence processors		
Chipset	Intel 5520 - QPI, Tylersburg IOH-36D		
Memory	<ul style="list-style-type: none"> • Supports up to 12 x DDR3 ECC DIMMs 1333MHz • Support for up to 48GB (w/ 12x 4GB DIMMs) <ul style="list-style-type: none"> ◦ 1GB/2GB/4GB DDR3 DIMMs 1066/1333MHZ ◦ 96GB support will be offered with 8GB DIMMs availability 		
Operating Systems	Validated & Supported O/S: <ul style="list-style-type: none"> • Microsoft Windows HPC Server 2008 • Red Hat Linux Enterprise v5 		
Storage	One internal fixed SATA hard drive <ul style="list-style-type: none"> ◦ 2.5" SATA (7.2k rpm): 80GB, 120GB, 160GB, 250GB, 320GB or 500GB ◦ 2.5" SATA (10K rpm): 150GB, 300GB ◦ 2.5" SATA SSD: 32GB, 64GB 		
Communications	<ul style="list-style-type: none"> • Dual embedded Gigabit Ethernet NIC (Intel 82576) <ul style="list-style-type: none"> ◦ Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output ◦ Intel I/OAT support for fast, scaleable, and reliable networking • Single Port QSFP Embedded InfiniBand (DDR ConnectX) 		
Optional Graphic Cards	1 (x16) PCIe Generation 2.0 slot <ul style="list-style-type: none"> • NVIDIA Quadro FX 4800–Windows XP or Vista (32 and 64bit)/RedHat 5.x • NVIDIA Quadro FX 5800–Windows XP or Vista (32 and 64bit)/RedHat 5.x 		
Management	<ul style="list-style-type: none"> • Graphical Mode Console Redirection • Performance Monitoring • System Management: Local System Management Application, Windows Management Instrumentation (WMI) • Reports: System Information, Health Log, Administration • Pager Alert and E-mail Alerts • SNMP support • Health Monitoring: CPU and System temperatures, System voltages, CPU and Chassis Fans, Chassis Intrusion, Redundant Power Failure (hardware dependent) 		
Power Configuration	ACPI Power Management	Wake-On-Ring (WOR) header	Power-on mode for AC power recovery
	Main Switch Override Mechanism	Wake-On-LAN (WOL) header	Internal/External modem remote ring-on
Buttons	Power On/Off button	System Reset button	
LEDs	Power LED	Hard drive activity LED	2x Network activity LEDs
Standard Interfaces	<ul style="list-style-type: none"> • Two USB 2.0 bootable ports on front panel for floppy, CD/DVD, memory key, keyboard/mouse • One serial port (RS232) • Two RJ45 LAN ports • One VGA 		
Video	• Embedded Matrox G200eW controller		
Environmental	<ul style="list-style-type: none"> • Operating Temperature 10°C to 30°C (50° F to 86° F) • Non-operating Temperature -40°C to 70°C (-40°F to 158°F) • Operating Relative Humidity 8% to 90% (non-condensing) • Non-operating Relative Humidity 5% to 95% (non-condensing) 		
Regulatory	FCC (U.S. only) Class A	CE Mark (EN 55022 Class A, EN55024, EN61000-3-2, EN61000-3-3)	UL 60950-1 CAN/CSA C22.2 No. 60950-1
	ICES (Canada) Class A	VCCI (Japan) Class A	VEN 60950-1

