



CRAY CX1

Storage Blade CS5504-XD-F
Storage Blade CS5504-XD-H

- ➔ Quad-Core Intel® Xeon® Processors
- ➔ Supports both SAS, SATA and SSD Drives
- ➔ Up to 4.5TB Storage

Sales Inquiries

North America toll free: 1.866.949.2729

Worldwide: +1.206.701.2101

Email: cx1info@cray.com

Cray Inc.

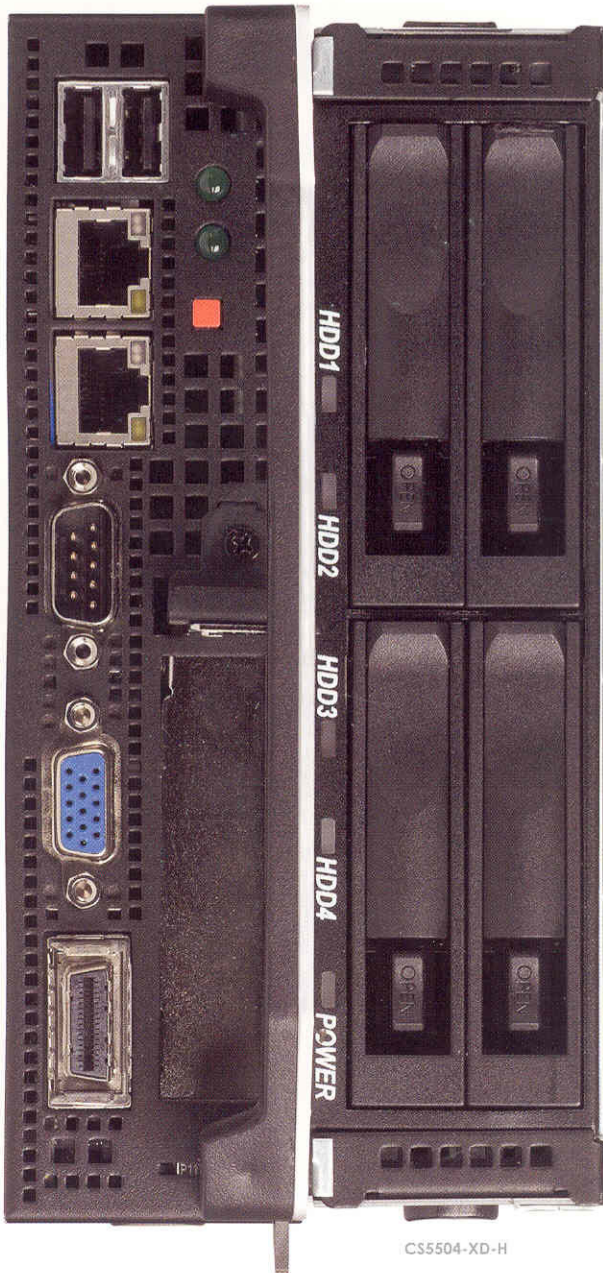
901 Fifth Avenue, Suite 1000

Seattle, WA 98164

Tel: 206.701.2000

Fax: 206.701.2500

Web: www.cray.com



CS5504-XD-H



Powerful.
Intelligent.

Storage Blade CS5504-XD-F/CS5504-XD-H

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/ 12 x 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, 160GB, 250GB, 320GB or 500GB 2.5" SATA (10K rpm): 150GB, 300GB 2.5" SATA SSD: 32GB, 64GB <ul style="list-style-type: none"> CS5504-H: Up to 4 Hot-Swap SATA/SAS drive; Maximum Storage: 2TB (4+1 x 500GB) <ul style="list-style-type: none"> 2.5" SAS (10k rpm): 146GB or 300GB 2.5" SAS (15k rpm): 73GB or 146GB 2.5" SATA (7.2k rpm) Heavy Duty: 250GB or 500GB 2.5" SATA (10k rpm): 150GB or 300GB 2.5" SATA SSD: 32GB or 64GB CS5504-F: Up to 4 Fixed SATA drives; Maximum Storage: 4.5TB (4 x 1TB + 1 x 500GB) <ul style="list-style-type: none"> 3.5" SATA (7.2k rpm): 500GB, 750GB or 1TB <ul style="list-style-type: none"> Raid Controller Onboard Intel ICH10R SATA 3.0Gbps Controller <ul style="list-style-type: none"> Support of RAID 0, 1, 5, 10 Optional PCIe based MegaRAID SAS/SATA 8704ELP <ul style="list-style-type: none"> RAID 6 as well as RAID 0, 1 & 5 RAID spans 10, 50 & 60 Check consistency for background data integrity Patrol Read for media scanning and repairing 		
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) 		
I/O PCIe Optional Cards	<ul style="list-style-type: none"> 1 (x16) PCIe Generation 2.0 slot InfiniBand <ul style="list-style-type: none"> Dual-Port 20Gb/s InfiniBand Card - PCIe x8 2.0 5GT/s (Mellanox ConnectX) Dual-Port 40Gb/s InfiniBand Card - PCIe x8 2.0 5GT/s (Mellanox ConnectX) Fibre-Channel and other adapters 		
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	<ul style="list-style-type: none"> 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