

# Colfax CX4480-X4 Server

## Key Features

1. Quad Intel® Xeon® Processors E7-4800 Series  
Quad Intel® Xeon® Processors 7500 Series
2. Intel 7500 Chipset (Boxboro-EX)
3. Up to 8 Hot-Swap Memory Riser Boards
  - 8 DIMMs per Board for a total of 64 DIMMs
  - Up to 1TB of DDR3 1333/1066 Reg ECC
4. 10 PCI-Express Slots
  - 4x Hot-Swap PCI-E 2.0 x8 Slots
  - 1x PCI-E 2.0 x16 Slot
  - 3x PCI-E 2.0 x4 Slots
  - 2x PCI-E x4 Slots
5. 1x Dedicated PCI-E 2.0 x8 SAS Riser Slot
6. 8x Hot-Swap 2.5" SAS/SATA HDDs
7. 1x 5.25" Peripheral Drive Bay
8. 1x Slim DVD Drive
9. Quad Onboard Gigabit (Gb) Ethernet Ports
10. 4x 850W High-Efficiency Power Supplies with 2+2 or 3+1 Redundancy
11. Integrated HW RAID 0,1,5,10
12. Server Management with Intel® RMM3 LAN Management Module



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## Specifications

<b>Key Applications</b>	Server virtualization/ consolidation, desktop consolidation, large database and data analysis, business-critical applications (ERP, CRM...etc.), high performance computing applications
<b>Processor</b>	Quad Intel® Xeon® Processors E7-4800 Series (Westmere-EX) / 7500 Series (Nehalem-EX)
<b>Chipset</b>	Intel 7500 Chipset (Boxboro-EX)
<b>System Memory</b>	Support for up to eight 8-DIMM memory boards Up to 1 TB of system memory via 64 DIMM sockets DDR3-1066 and DDR3-1333 Registered DIMMs (with ECC) running at 800, 978 and 1066MHz <b>Default configuration: 4 memory boards</b>
<b>Expansion Slots</b>	<b>10 PCI-Express slots</b> - Slots 1-2 & 6-7: PCI-E 2.0 x8, 3/4 length, hot-swap, x8 connector - Slots 3-4: PCI-E 2.0 x4, 1/2 length, x8connector - Slot 5: PCI-E 2.0 x16, 3/4 length, x16connector - Slot 8: PCI-E 2.0 x4, 3/4 length, x8connector - Slots 9-10: PCI-E x4, 1/2 length, x8connector <b>1 dedicated SAS riser slot</b> - PCI-E 2.0 x8, 1/2 length, x8 connector for SAS riser board
<b>Drive Bays</b>	8x hot-swap 2.5" SAS/SATA hard drives
<b>Peripheral Drive Bay</b>	1x Slim DVD drive 1x 5.25" half height device bay
<b>Power Supply</b>	4x 850W high efficiency power supplies with 2+2 or 3+1 redundancy
<b>Cooling System</b>	8x hot-swap variable-speed fan modules with 7+1 redundant cooling
<b>Server Management</b>	Support for Intelligent Platform Management Interface v.2.0 ServerEngines* LLC Pilot II BMC controller Intel® Remote Management Module 3
<b>Integrated On-Board</b>	
<b>LAN</b>	Two Intel® 82576 Dual Gigabit Ethernet controllers
<b>Video</b>	iBMC (Pilot II) with supported VGA resolution up to 1600x1200
<b>Input / Ouput</b>	
<b>LAN</b>	4 Gigabit Ethernet ports
<b>USB</b>	5 USB 2.0 connectors (three front, two rear access)
<b>Serial Port</b>	1 rear DB9 connector
<b>Video Port</b>	1 front 1280 x 1024 & 1 rear 1600 x 1200 standard video connector
<b>Form Factor</b>	4U Rackmount
<b>H x W x D</b>	6.84" (173.8mm) x 16.7" (424mm) x 27.7" (704mm)