

Cisco UCS C220 M3 High-Density Rack-Mount Server Small Form Factor

Server - rack-mountable - 1U - 2-way - 2 x Xeon E5-2640 / 2.5 GHz - RAM 16 GB - SAS - hot-swap 2.5" bay(s) - no HDD - GigE - monitor: none - DISTI



Group	Servers
Manufacturer	Cisco
Manufacturer item no.	UCSC-DBUN-C220-114
EAN/UPC	0882658540530

Description

The Cisco UCS C220 M3 rack-mount server is designed for performance and density over a wide range of business workloads from web serving to distributed database. Building on the success of the Cisco UCS C200 M2 rack-mount server, the enterprise-class UCS C220 M3 server further extends the capabilities of Cisco's Unified Computing System portfolio in a 1U form factor. In addition, the UCS C220 M3 server provides 16 DIMM slots, 8 drives and 2 x 1 GbE LOM ports delivering outstanding levels of density and performance in a compact package.

Main features

Product Description	Cisco UCS C220 M3 High-Density Rack-Mount Server Small Form Factor - rack-mountable - Xeon E5-2640 2.5 GHz - 16 GB - no HDD
Type	Server - rack-mountable
Height (Rack Units)	1U
Server Scalability	2-way
Processor	2 x Intel Xeon E5-2640 / 2.5 GHz (3 GHz) (6-core)
Processor Socket	LGA2011 Socket
Processor Main Features	Intel Execute Disable Bit, Enhanced Intel SpeedStep Technology, Intel Virtualization Technology, Intel Turbo Boost Technology 2
Cache Memory	30 MB L3 Cache
Cache Per Processor	15 MB
RAM	16 GB (installed) / 256 GB (max) - DDR3 SDRAM - ECC - PC3-12800
Storage Controller	RAID
Server Storage Bays	Hot-swap 2.5"
Hard Drive	No HDD
Optical Storage	No optical drive

Networking	GigE
Power	AC 120/230 V (50/60 Hz)
Power Redundancy	Yes
Dimensions (WxDxH)	43 cm x 72.4 cm x 4.3 cm
Weight	10 kg
Pricing Type	DISTI

Extended details

General	
Type	Server
Product Form Factor	Rack-mountable - 1U
Server Scalability	2-way
Hot-Swap Bays Qty	8
Processor / Chipset	
CPU	Intel Xeon E5-2640
Clock Speed	2.5 GHz
Max Turbo Speed	3 GHz
Number of Cores	6-core
64-bit Computing	Yes
CPU Qty	2
Max CPU Qty	2
Processor Main Features	Intel Execute Disable Bit, Enhanced Intel SpeedStep Technology, Intel Virtualization Technology, Intel Turbo Boost Technology 2
CPU Socket	LGA2011 Socket
Chipset Type	Intel C600
Cache Memory	
Installed Size	L3 Cache - 30 MB
Cache Per Processor	15 MB
RAM	
Installed Size	16 GB / 256 GB (max)
Technology	DDR3 SDRAM - ECC
Effective Memory Speed	1600 MHz

Rated Memory Speed	1600 MHz
Memory Specification Compliance	PC3-12800
Features	Registered, Memory Mirroring, low-voltage
Configuration Features	2 x 8 GB
Hard Drive	
Type	No HDD
Storage Controller	
Type	1 x RAID - integrated
Channel Qty	8
RAID Level	RAID 0, RAID 1, RAID 5, RAID 10
Optical Storage	
Type	No optical drive
Monitor	
Monitor Type	None.
Graphics Controller	
Type	Integrated
Video Interfaces	VGA
Networking	
Type	Integrated
Ethernet Ports	2 x Gigabit Ethernet
Ethernet Controller	Intel I350
Data Link Protocol	Ethernet, Fast Ethernet, Gigabit Ethernet
Remote Management Protocol	IPMI 2.0, CLI
Expansion / Connectivity	
Bays	8 (total) / 8 (free) x hot-swap 2.5"
Slots	2 (total) / 0 (free) x CPU ; 16 (total) / 14 (free) x memory ; 1 (total) / 1 (free) x PCIe 2.0 x8 - half-length ; 1 (total) / 1 (free) x PCIe 2.0 x16 - half-length, full-height
Interfaces	1 x serial ; 2 x USB 2.0 ; 1 x management - Ethernet 10Base-T/100Base-TX/1000Base-T ; 1 x VGA ; 2 x LAN (Gigabit Ethernet) ; 1 x KVM
Miscellaneous	
Included Accessories	2 x CPU Heatsink, rack rail kit
Compliant Standards	CISPR 22 Class A, BSMI CNS 13438 Class A, CISPR 24, EN 61000-3-2, VCCI Class A ITE, EN 61000-3-3, EN55024, EN55022 Class A, AS/NZS 60950-1, ICES-003 Class A, FCC CFR47 Part 15, UL 60950-1, IEC 60950-1, EN 60950-1, CSA C22.2 No. 60950-1, GB 4943, EN 300 386

Pricing Type	DISTI
Power	
Device Type	Power supply
Power Redundancy	Yes
Power Redundancy Scheme	1+1
Installed Qty	2
Max Supported Qty	2
Voltage Required	AC 120/230 V (50/60 Hz)
Power Provided	650 Watt
Manufacturer Warranty	
Service & Support	Limited warranty - replacement - 3 years - response time: next business day
Dimensions & Weight	
Width	43 cm
Depth	72.4 cm
Height	4.3 cm
Weight	10 kg
Environmental Parameters	
Min Operating Temperature	0 °C
Max Operating Temperature	40 °C
Humidity Range Operating	10 - 90% (non-condensing)

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