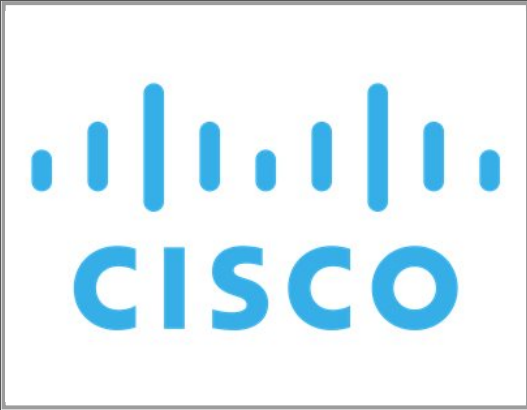


Cisco Intel Xeon E5-2650 - 2 GHz - 8-core

16 threads - 20 MB cache - LGA2011 Socket - for UCS C220 M3 - C240 M3

Group	CPUs
Manufacturer	Cisco
Manufacturer item no.	UCS-CPU-E5-2650C=
EAN/UPC	0882658497230



Description

Intel Xeon processors represent a broad product line to meet a range of demanding performance and energy efficiency requirements for compute-intensive embedded, storage, and communications applications.

Main features

Product Description	Intel Xeon E5-2650 / 2 GHz processor
Product Type	Processor
Processor Type	Intel Xeon E5-2650
Number of Cores	8-core / 16 threads
Cache	20 MB
Compatible Processor Socket	LGA2011 Socket
Clock Speed	2 GHz
Max Turbo Speed	2.8 GHz
Manufacturing Process	32 nm
Features	Enhanced SpeedStep technology, Hyper-Threading Technology, Demand Based Switching, Execute Disable Bit capability, Intel Virtualization Technology, Intel 64 Technology, Intel Trusted Execution Technology, Intel Flex Memory Access, Intel Turbo Boost Technology 2.0, Intel Advanced Vector Extensions (AVX), Intel AES New Instructions (AES-NI), Thermal Monitoring Technologies, Intel Virtualization Technology for Directed I/O (VT-d), Intel vPro Technology, Idle States
Designed For	UCS C220 M3 High-Density Rack-Mount Server Small Form Factor, C240 M3 High-Density Rack-Mount Server Small Form Factor

Extended details

	General
Product Type	Processor
	Processor
Type / Form Factor	Intel Xeon E5-2650
Number of Cores	8-core
Number of Threads	16 threads
Cache	20 MB
Cache Memory Details	Smart Cache - 20 MB

Clock Speed	2 GHz
Max Turbo Speed	2.8 GHz
Compatible Processor Socket	LGA2011 Socket
Core Voltage	0.6 V - 1.35 V
Manufacturing Process	32 nm
Thermal Design Power	95 W
Thermal Specification	77.4 °C
PCI Express Revision	3.0
PCI Express Lanes Qty	40
Architecture Features	Enhanced SpeedStep technology, Hyper-Threading Technology, Demand Based Switching, Execute Disable Bit capability, Intel Virtualization Technology, Intel 64 Technology, Intel Trusted Execution Technology, Intel Flex Memory Access, Intel Turbo Boost Technology 2.0, Intel Advanced Vector Extensions (AVX), Intel AES New Instructions (AES-NI), Thermal Monitoring Technologies, Intel Virtualization Technology for Directed I/O (VT-d), Intel vPro Technology, Idle States
	Cache Memory
Installed Size	20 MB
	Compatibility Information
Designed For	Cisco UCS C220 M3 High-Density Rack-Mount Server Small Form Factor, C240 M3 High-Density Rack-Mount Server Small Form Factor

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