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Сервер Cisco UCS C240 M3S, 2 процессора Intel Xeon 6C E5-2640 2.50 GHz, 64GB DRAM

UCS_C240M3S_2xE5-2640_64GB

Описание

В комплект входит:

Шасси Cisco UCS C240 M3 - 1 шт
Процессор: Intel Xeon 6C E5-2640 (2.50GHz 15MB L3 Cache)- 2 шт
Память: 64GB(16x4Gb) DDR3, свободно 8 слотов.
24 отсека под жесткие диски SAS/SATA 2.5"
Салазки для жестких дисков горячей замены - нет
Без жёстких дисков
Контроллер: LSI 9266-8i - 1 шт
Блоки питания 1200W - 2 шт
Комплект крепления в 19" стойку - 1 шт

Стоечный сервер Cisco UCS C240 M3 отличается высокой производительностью и обеспечивает возможности расширения, поддерживая любые рабочие нагрузки, связанные с высокими требованиями к ресурсам СХД. Он продается как сервер общего назначения, как сервер, совместимый с NEBS, и как устройство, ориентированное на приложения.

Chassis	Two rack unit (2RU) chassis
CPU	One or two Intel Xeon E5-2600 v2 or E5-2600 series processor family CPUs
Chipset	Intel® C600 series chipset
Multi-bit Error Protection	This server supports multi-bit error protection.
Hard drives	Up to 24 front-accessible, hot-swappable, 2.5-inch SAS, SATA or SSD or up to 12 front-accessible, hot-swappable, 3.5-inch SAS, SATA drives
NIC	Embedded quad-port Intel i350 PCIe-based Gigabit Ethernet controller, supporting the following: Pre-Execution Boot (PXE boot) iSCSI boot Checksum and segmentation offload NIC teaming
Expansion slots	Five PCIe slots (on two riser cards) Slot 1 (PCIe slots 1, 2, and 3)



	Riser 1 (PCIe slots 1, 2, and 3) Riser 2 (PCIe slots 4 and 5)
Internal storage devices	Drives are installed into front-panel drive bays that provide hot-pluggable access. Small Form Factor (SFF) drives. The server can hold up to: 24 2.5 inch (63.5 mm) SAS or SATA hard drives (HDDs) or solid state drives (SSDs) with the 24-drive backplane server configuration 16 2.5 inch (63.5 mm) SAS or SATA HDDs or SSDs with the 16-drive backplane server configuration The server also contains one internal USB 2.0 port on the motherboard that you can use with a USB thumb drive for additional storage UCS Storage Accelerator are also available. These PCIe flash storage devices provide independent high-speed storage
Cisco Flexible Flash drives	The server supports up to two internal 32 GB Cisco Flexible Flash drives (SD cards). The second SD card is blank and can be used to mirror the first SD card. It can be used to protect the Hypervisor Partition with RAID1.
Storage controller	Embedded RAID (3 Gbs) Embedded SATA-only RAID controller, supporting up to four SATA-only drives (RAID 0, 1, 10), or ROM5 RAID upgrade, supporting up to eight SAS+SATA HDDs or SSDs (RAID 0, 1, 10), or ROM55 RAID upgrade, supporting up to eight SAS+SATA HDDs or SSDs (RAID 0, 1, 5, 10). Note that embedded RAID options can be supported only with the version of the C240 M3 SFF server that has been configured with a 16-drive backplane. Mezzanine Cards (6 Gbs) - two versions Cisco UCSC RAID SAS 2008M-8i Mezzanine Card supports up to 8 SAS+SATA drives with the 16-drive backplane or 16 SAS+SATA drives with the 24-drive backplane (this card supports a maximum of 16 drives for a RAID volume). The card supports RAID 0, 1, 5, 10, and 50 plus JBOD. This card has a product ID (PID) of UCSC-RAID-11-C240 Cisco UCSC RAID SAS 2008M-8i Mezzanine Card supports up to 8 SAS+SATA drives with the 16-drive backplane or 16 SAS+SATA drives with the 24-drive backplane (this card supports a maximum of 16 drives for a RAID volume). The card supports RAID 0, 1, and 10 plus JBOD. This card has a product ID (PID) of UCSC-RAID-MZ-240 Note that mezzanine cards are used as follows: A mezzanine card in a 16-drive backplane system can support up to 8 drives. The reason for this is that the 16-drive backplane does not support a SAS expander A mezzanine card in a 24-drive backplane system can support up to 16 drives, due to a 16-drive limit for a RAID volume for this card. PCIe RAID Controllers (6 Gbs) LSI MegaRAID SAS 9271-8i or 9271CV-8i 8-port PCIe RAID controller with on-board 1 GB data cache and chassis-mounted (remote) supercap for data cache power backup (supercap not present on 9271-8i), supporting RAID levels 0, 1, 5, 6, 10, 50, 60 and up to 24 internal SAS +SATA drives when configured with 24-drive backplane. When used with a 16-drive backplane version of the server, one controller can control up to 8 drives. Two controllers must be installed to control 16



	drives. LSI MegaRAID 9285CV-8e or 9286CV-8e 8-port PCIe RAID controller with on-board 1 GB cache and chassis-mounted (remote) supercap for data cache power backup, supporting RAID levels 0, 1, 5, 6, 10, 50, 60. Supports 8 external SAS ports (up to 240 external drives). Cisco Nymto MegaRAID 200 GB PCIe RAID controller with on-board 1 GB data cache and 200 GB flash memory. The controller supports up to 24 drives on the 24-drive backplane version of the server and supports RAID levels 0, 1, 5, 6, 10, 50, and 60. SAS + SATA drives are supported.
Video	The Cisco Integrated Management Controller (CIMC) provides video using the Matrox G200e video/graphics controller: - Integrated 2D graphics core with hardware acceleration - DDR2/3 memory interface supports up to 512 MB of addressable memory (8 MB is allocated by default to video memory) - Supports display resolutions up to 1920 x 1200 16bpp @ 60Hz - High-speed integrated 24-bit RAMDAC - Single lane PCI-Express host interface running at Gen 1 speed
Interfaces	Rear panel - One RJ-45 10/100/1000 Ethernet management port, using Cisco Integrated Management Controller (CIMC) firmware - Four 1-GbE (10/100/1000 Mbps capable) LOM ports - One RJ45 serial port connector - Two USB 2.0 port connectors - One DB15 VGA connector - Various PCIe card ports (dependent on which cards are installed) Converged Network Adapter (CNA) ports Network Interface Card (NIC) ports Host Bus Adapter (HBA) ports Front panel - One KVM co console connector (supplies two USB 2.0, one VGA, and one serial connector)
WoL	The 1-Gb Base-T Ethernet LAN ports support the wake-on-LAN (WoL) standard.
InfiniBand	The bus slots in this server support the InfiniBand architecture.
Front Panel	A front panel controller provides status indications and control buttons
Power subsystem	One power supply is required (either 650 W or 1200 W AC, or 930 W DC). An additional power supply may be ordered to provide 1+1 redundancy. The power supplies must match in a redundant power supply configuration.
ACPI	This server supports the advanced configuration and power interface (ACPI) 4.0 standard.
Fans	Chassis: - Six hot-swappable fans for front-to-rear cooling Power supply: - Each power supply is equipped with a fan



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Integrated
management
processor

BMC running Cisco Integrated Management Controller (CIMC) firmware.
Depending on your CIMC settings, the CIMC can be accessed through the 1-GbE dedicated management port, the 1 GbE LOM ports, or a Cisco virtual interface card (VIC).

Общие

Чипсет материнской платы	Intel C600
Количество сокетов для процессора	2
Семейство процессоров	Intel Xeon E5-2600v1/v2
Socket	LGA2011
Тип установленных радиаторов	Радиатор стандартной эффективности
Тип оперативной памяти	DDR3
Поддержка ECC памяти	Да
Максимальный объем оперативной памяти, ТБ	0,768
Количество слотов оперативной памяти	24
Количество слотов расширения PCI-E	5
Наличие рельс для установки в стойку 19"	Да

Интерфейсы

Интерфейсы 10/100/1000BaseT	4
Интерфейсы 10GBase-T	0

Дисковая подсистема

Форм-фактор отсеков под жесткие диски	SFF 2,5"
Количество отсеков под жесткие диски	24
Наличие салазок для жестких дисков	Нет

Управление и мониторинг

Management порт	1000BaseT
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Питание

Блоки питания	2
Мощность блоков питания, Вт	1200
Напряжение питания	220V AC



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Физические характеристики

Исполнение корпуса сервера

2U

Диапазон рабочих температур, °C

от 5 до 40