

Lenovo Flex System x240 Compute Node

Lenovo™



Get The Most

The Lenovo Flex System x240 Compute Node delivers powerful performance with Intel® Xeon® processors—up to a 50 percent performance boost over previous generation servers. This enables businesses to get more out of their compute environment. Features such as automated power management with onboard sensors give you more control over power and thermal levels across the system. These capabilities, combined with memory capacity up to 768GB, help you get the most out of your compute environment

Great Flexibility

With integrated virtual fabric take advantage of up to 32 ports of virtual networking capabilities. With 10 Gigabit Ethernet (GbE) onboard, you get multiple protocols, including Ethernet,

Fibre Channel over Ethernet and iSCSI. Virtual networking can reduce up to 75 percent adapters, cables and upstream switch ports to help control costs. And, you also get significantly simpler management with reduced cabling and fewer components to manage.

Systems Management

The Flex System x240 Compute Node is now supported by Lenovo XClarity, a new centralized systems management solution that helps administrators deliver infrastructure faster with less effort. This solution integrates easily into Lenovo System x M5 and X6 rack servers and Flex System, providing automated discovery, monitoring, firmware updates, configuration management, and bare metal deployment of operating systems and hypervisors across multiple systems.

Why Lenovo

Lenovo is a \$46 billion global Fortune 500 company and a leader in providing innovative consumer, commercial, and enterprise technology. Lenovo enterprise systems deliver industry-leading performance, reliability, and security in virtualized and cloud environments for analytics, database, virtual desktop, infrastructure, and web workloads. Lenovo also offers simplified and extensible systems management tools so you can manage your infrastructure on your own terms. Consistently ranked #1 in reliability and customer satisfaction, the Lenovo enterprise server, storage, and networking portfolio provides the hardware for businesses that never stand still.

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Specifications

Processor	2 Intel® Xeon® processors E5-2600 v2 series
Level 2 (L2), Level 3 (L3) Cache	L2: 256KB per core, L3: E5-2637 v2 15MB, E5-2643 v2 and E5-2667 v2 25MB, others 2.5MB per core.
Chipset	Intel C600
Form Factor	Flex System standard node
Memory	24 DDR3/DDR3L LP, 768GB maximum with 32GB LRDIMM
Internal Storage	2 x hot-swap 2.5-inch (SAS/SATA/SSD)
Internal RAID	LSI 2004, RAID 0/1, Optional ServeRAID M5115/RAID 0, 1, 5, 6, 10, 50 with LSI SAS2208 Controller
Internal USB	2 x Standard USB Flash Key + 1 x Front Access USB Key
Ethernet	Virtual Fabric 2 x 10GbE LOM
Chassis Support	Flex System Enterprise Chassis
I/O Expansion	2 x Mezzanine Cards (x16 + x8 PCI Express 3.0), 1 x PCIe Expansion Node Connector (x16 PCI Express 3.0)
Warranty	3-year customer replaceable unit and onsite limited warranty, next business day 9x5, service upgrades available
Management	IMM 2, RTMM KVM Dongle
Systems Management	Lenovo XClarity delivers a systems management solution that helps administrators deliver infrastructure faster with less effort
Operating Systems	Microsoft Windows Server, SUSE, Red Hat Enterprise Linux, VMware
RAS Features	Chassis redundant/hot-plug power and cooling, front panel and FRU/CRU LEDs

Options

800GB SATA 2.5-inch MLC HS Enterprise Value SSD 00AJ370 High-performance, dense flash to accelerate applications	1.2TB 10K 6Gbps SAS 2.5-inch G2HS HDD 00AD075 Optimize density and performance with the latest 2.5-inch HDDs	16GB (1x16 GB, 2Rx4, 1.5V) PC3-14900 CL13 ECC DDR3 1866MHz LP RDIMM 00D5048 Add more memory to help improve the performance of all your workloads
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For More Information

To learn more about the Lenovo Flex System x240 compute node, contact your Lenovo representative or Business Partner or visit: lenovo.com/systems/servers

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