



Lenovo System x3550 M5 server Rack (1U) Intel® Xeon® E5 v4 E5-2620V4 2.1 GHz 16 GB DDR4-SDRAM 900 W

Brand : Lenovo

Product family: System

Product code: 8869KEU

Product name : x3550 M5



Intel Xeon Processor E5-2620 v4 (20M Cache, 2.10 GHz), 16GB RAM, Raid M1215, 4 x 2.5" Hot swap SATA/SAS, 4 x GbE, 1 x 900W redundant hot-swap

Lenovo System x3550 M5. Processor family: Intel® Xeon® E5 v4, Processor frequency: 2.1 GHz, Processor model: E5-2620V4. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM, Memory layout (slots x size): 1 x 16 GB. HDD size: 2.5", HDD interface: Serial ATA III, Serial Attached SCSI (SAS). Ethernet LAN, Cabling technology: 10/100/1000Base-T(X). Power supply: 900 W, Redundant power supply (RPS) support. Chassis type: Rack (1U)



| Processor | | Graphics | |
|--|--------------------|--|--|
| Processor manufacturer * | Intel | Maximum graphics card memory | 16 MB |
| Processor family * | Intel® Xeon® E5 v4 | Network | |
| Processor model * | E5-2620V4 | LAN controller | Broadcom BCM5719 |
| Processor frequency * | 2.1 GHz | Ethernet LAN | ✓ |
| Processor boost frequency | 3 GHz | Cabling technology | 10/100/1000Base-T(X) |
| Processor cores | 8 | Ethernet interface type | Fast Ethernet, Gigabit Ethernet |
| Processor cache | 20 MB | Expansion slots | |
| Memory channels supported by processor | Quad | PCI Express slots version | 3.0 |
| Number of processors installed | 1 | Design | |
| Thermal Design Power (TDP) | 85 W | Chassis type * | Rack (1U) |
| Processor cache type | Smart Cache | Redundant fans support | ✓ |
| System bus rate | 8 GT/s | Performance | |
| Processor socket | LGA 2011-v3 | Trusted Platform Module (TPM) | ✓ |
| Processor lithography | 14 nm | Software | |
| Processor threads | 16 | Operating system installed * | ✗ |
| Processor operating modes | 64-bit | Compatible operating systems * | Microsoft Windows Server, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, VMware vSphere |
| Stepping | R0 | Processor special features | |
| Bus type | QPI | CPU configuration (max) | 2 |
| Number of QPI links | 2 | Enhanced Intel SpeedStep Technology | ✓ |
| Processor codename | Broadwell | Intel® Identity Protection Technology (Intel® IPT) | ✗ |
| Tcase | 74 °C | Intel Virtualization Technology for Directed I/O (VT-d) | ✓ |
| Maximum internal memory supported by processor | 1.54 TB | Intel® Hyper Threading Technology (Intel® HT Technology) | ✓ |
| Memory types supported by processor | DDR4-SDRAM | Intel® Turbo Boost Technology | 2.0 |
| Memory clock speeds supported by processor | 1600,1866,2133 MHz | Intel Flex Memory Access | ✗ |
| Memory bandwidth supported by processor (max) | 68.3 GB/s | Intel® AES New Instructions (Intel® AES-NI) | ✓ |
| ECC supported by processor | ✓ | Intel Trusted Execution Technology | ✓ |
| Execute Disable Bit | ✓ | Intel Enhanced Halt State | ✓ |
| Idle States | ✓ | Intel VT-x with Extended Page Tables (EPT) | ✓ |
| Thermal Monitoring Technologies | ✓ | Intel Demand Based Switching | ✓ |
| Maximum number of PCI Express lanes | 40 | Intel® Secure Key | ✓ |
| Processor package size | 45 x 52.5 mm | Intel TSX-NI | ✓ |
| Supported instruction sets | AVX 2.0 | | |
| Processor code | SR2R6 | | |
| Scalability | 2S | | |
| Physical Address Extension (PAE) | ✓ | | |

| Processor | | Processor special features | |
|----------------------------------|--|--|---------|
| Physical Address Extension (PAE) | 46 bit | Intel® OS Guard | ✓ |
| Embedded options available | ✓ | Intel 64 | ✓ |
| Processor series | Intel Xeon E5-2600 v4 | Intel Identity Protection Technology version | 0.00 |
| Conflict-Free processor | ✓ | Intel Secure Key Technology version | 1.00 |
| Memory | | Intel Virtualization Technology (VT-x) | ✓ |
| Internal memory * | 16 GB | Intel TSX-NI version | 1.00 |
| Internal memory type * | DDR4-SDRAM | Processor ARK ID | 92986 |
| Memory slots | 24 | Power | |
| ECC | ✓ | Redundant power supply (RPS) support * | ✓ |
| Memory clock speed | 2133 MHz | Power supply * | 900 W |
| Memory layout (slots x size) | 1 x 16 GB | Number of redundant power supplies supported | 2 |
| Storage | | Number of main power supplies | 1 |
| HDD interface | Serial ATA III, Serial Attached SCSI (SAS) | Weight & dimensions | |
| HDD size | 2.5" | Width | 434 mm |
| Number of HDDs supported | 4 | Depth | 734 mm |
| Supported HDD sizes | 2.5" | Height | 43 mm |
| SSD interface | Serial Attached SCSI (SAS) | Other features | |
| RAID support * | ✓ | Graphics card | G200eR2 |
| Hot-swap | ✓ | S.M.A.R.T. support | ✓ |
| Optical drive type * | ✗ | Graphics card family | Matrox |
| Graphics | | | |
| On-board graphics card | ✓ | | |



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