



Lenovo ThinkServer TS460 server Tower (4U) Intel® Xeon® E3 v6 E3-1220V6 3 GHz 8 GB DDR4-SDRAM 450 W

Brand : Lenovo

Product family: ThinkServer

Product code: 70TT0023UX

Product name : TS460

1x E3-1220 v6 3.0GHz, 1x 8GB DDR4-2400, RAID 520i, 8x 2.5" HS Open bay, 1x 450W HS

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Flexible, scalable, manageable, enterprise quality - for Robo

- Ideal for office use
- Office-quiet acoustics
- Compact size for deskside/under-desk usage
- Industry-leading storage capacity for 1P
- Features dual GbE
- Optional up to 2x 10GbE ports
- Supports internal M.2 SSD
- Best-in-class physical security
- Enterprise-class storage and RAID support
- Enterprise systems management features
- Enterprise reliability and serviceability
- Supports full range of server OSes



| Processor | | Expansion slots | |
|--|-------------------------|--|------------|
| Processor family * | Intel® Xeon® E3 v6 | PCI Express x1 (Gen 3.x) slots | 1 |
| Processor model * | E3-1220V6 | PCI Express x4 (Gen 3.x) slots | 1 |
| Processor frequency * | 3 GHz | PCI Express x8 (Gen 3.x) slots | 1 |
| Processor boost frequency | 3.5 GHz | PCI Express x16 (Gen 3.x) slots | 1 |
| Processor cores | 4 | Design | |
| Processor cache | 8 MB | Chassis type * | Tower (4U) |
| Motherboard chipset | Intel® C232 | Software | |
| Memory channels supported by processor | Dual | Operating system installed * | ✗ |
| Number of processors installed | 1 | Microsoft Windows Server 2016/2012 R2. Red Hat Enterprise Linux 6.8. VMware vSphere (ESXi) 6.0U2/6.5 | |
| Thermal Design Power (TDP) | 72 W | Compatible operating systems * | |
| Processor cache type | Smart Cache | Processor special features | |
| System bus rate | 8 GT/s | CPU configuration (max) | 1 |
| Processor socket | LGA 1151 (Socket H4) | Enhanced Intel SpeedStep Technology | ✓ |
| Processor lithography | 14 nm | Intel® Wireless Display (Intel® WiDi) | ✗ |
| Processor threads | 4 | Intel Virtualization Technology for Directed I/O (VT-d) | ✓ |
| Processor operating modes | 64-bit | Intel® Hyper Threading Technology (Intel® HT Technology) | ✗ |
| Processor codename | Skylake | Intel® Turbo Boost Technology | 2.0 |
| Maximum internal memory supported by processor | 64 GB | Intel® Quick Sync Video Technology | ✗ |
| Memory types supported by processor | DDR3L-SDRAM, DDR4-SDRAM | Intel® InTru™ 3D Technology | ✗ |
| Memory clock speeds supported by processor | 1866,2400 MHz | Intel® Clear Video HD Technology (Intel® CVT HD) | ✗ |
| Memory bandwidth supported by processor (max) | 37.5 GB/s | Intel® Insider™ | ✓ |
| Execute Disable Bit | ✓ | Intel® AES New Instructions (Intel® AES-NI) | ✓ |
| Idle States | ✓ | Intel Trusted Execution Technology | ✓ |
| Thermal Monitoring Technologies | ✓ | Intel Enhanced Halt State | ✓ |
| Maximum number of PCI Express lanes | 16 | Intel VT-x with Extended Page Tables (EPT) | ✓ |
| Embedded options available | ✗ | | |
| Memory | | | |
| Internal memory * | 8 GB | | |

| Memory | | Processor special features | |
|---|--|---|-------------|
| Internal memory type * | DDR4-SDRAM | Intel® Secure Key | ✓ |
| Memory slots | 4 | Intel TSX-NI | ✓ |
| ECC | ✓ | Intel Clear Video Technology | ✗ |
| Memory clock speed | 2400 MHz | Intel Software Guard Extensions (Intel SGX) | ✓ |
| Memory layout (slots x size) | 1 x 8 GB | Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID) | ✗ |
| Maximum internal memory * | 64 GB | Intel 64 | ✓ |
| Storage | | Intel Virtualization Technology (VT-x) | ✓ |
| HDD interface | Serial ATA, Serial Attached SCSI (SAS) | Power | |
| RAID support * | ✓ | Redundant power supply (RPS) support * | ✓ |
| Optical drive type * | DVD±RW | Power supply * | 450 W |
| Graphics | | Weight & dimensions | |
| On-board graphics card model | Not available | Width | 173 mm |
| Network | | Depth | 566 mm |
| Ethernet LAN | ✓ | Height | 430 mm |
| Cabling technology | 10/100/1000Base-T(X) | Technical details | |
| Ethernet interface type | Gigabit Ethernet | Sustainability certificates | ENERGY STAR |
| Ports & interfaces | | Other features | |
| Ethernet LAN (RJ-45) ports * | 2 | Built-in display | ✗ |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity | 6 | | |
| VGA (D-Sub) ports quantity | 1 | | |
| Serial ports quantity | 1 | | |

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