



# Lenovo ThinkServer TS460 server Tower (4U) Intel® Xeon® E3 v6 E3-1240V6 3.7 GHz 8 GB DDR4-SDRAM 450 W



**Brand :** Lenovo      **Product family:** ThinkServer      **Product code:** 70TT0021UX  
**Product name :** TS460

1x E3-1240 v6 3.7GHz, 1x 8GB DDR4-2400, RAID 121i, 4x 3.5" 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 desk/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 manufacturer *	Intel	PCI Express x1 (Gen 3.x) slots	1
Processor family *	Intel® Xeon® E3 v6	PCI Express x4 (Gen 3.x) slots	1
Processor model *	E3-1240V6	PCI Express x8 (Gen 3.x) slots	1
Processor frequency *	3.7 GHz	PCI Express x16 (Gen 3.x) slots	1
Processor boost frequency	4.1 GHz	PCI Express slots version	3.0
Processor cores	4	<b>Design</b>	
Processor cache	8 MB	Chassis type *	Tower (4U)
Motherboard chipset	Intel® C232	<b>Software</b>	
Memory channels supported by processor	Dual	Operating system installed *	✗
Number of processors installed	1		Microsoft Windows Server
Thermal Design Power (TDP)	72 W	Compatible operating systems *	2016/2012 R2. Red Hat Enterprise Linux 6.8. VMware vSphere (ESXi) 6.0U2/6.5
Processor cache type	Smart Cache	<b>Processor special features</b>	
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	8	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Processor operating modes	64-bit	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Stepping	B0	Intel® Turbo Boost Technology	2.0
Bus type	DMI3	Intel® Quick Sync Video Technology	✗
Processor codename	Kaby Lake	Intel® InTru™ 3D Technology	✗
Maximum internal memory supported by processor	64 GB	Intel® Clear Video HD Technology (Intel® CVT HD)	✗
Memory types supported by processor	DDR3L-SDRAM, DDR4-SDRAM	Intel® Insider™	✓
Memory clock speeds supported by processor	1866,2400 MHz	Intel® AES New Instructions (Intel® AES-NI)	✓
Memory bandwidth supported by processor (max)	37.5 GB/s	Intel Trusted Execution Technology	✓
ECC supported by processor	✓	Intel Enhanced Halt State	✓
Execute Disable Bit	✓		
Idle States	✓		
Thermal Monitoring Technologies	✓		
Maximum number of PCI Express lanes	16		

Processor		Processor special features	
PCI Express configurations	1x16, 1x8+2x4, 2x8	Intel VT-x with Extended Page Tables (EPT)	✓
Processor package size	37.5 x 37.5 mm	Intel® Secure Key	✓
Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2	Intel TSX-NI	✓
Processor code	SR327	Intel® OS Guard	✓
Scalability	1S	Intel Clear Video Technology	✗
Embedded options available	✗	Intel Software Guard Extensions (Intel SGX)	✓
Conflict-Free processor	✓	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Memory		Intel 64	✓
Internal memory *	8 GB	Intel Secure Key Technology version 1.00	
Internal memory type *	DDR4-SDRAM	Intel Virtualization Technology (VT-x)	✓
Memory slots	4	Intel TSX-NI version	1.00
ECC	✓	Processor ARK ID	97469
Memory clock speed	2400 MHz	Power	
Memory layout (slots x size)	1 x 8 GB	Redundant power supply (RPS) support *	✓
Maximum internal memory *	64 GB	Power supply *	450 W
Storage		Weight & dimensions	
HDD interface	Serial ATA, Serial Attached SCSI (SAS)	Width	173 mm
RAID support *	✓	Depth	566 mm
Optical drive type *	DVD±RW	Height	430 mm
Graphics		Technical details	
On-board graphics card model	Not available	Sustainability certificates	ENERGY STAR
Network		Other features	
Ethernet LAN	✓	Built-in display	✗
Cabling technology	10/100/1000Base-T(X)		
Ethernet interface type	Gigabit Ethernet		
Ports & interfaces			
Ethernet LAN (RJ-45) ports *	2		
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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