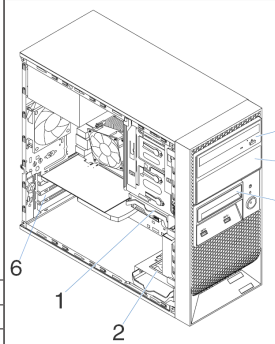


ThinkServer TS150 Platform Specifications

Product Specifications Reference (PSREF)

Components	Specification	Components	Specification		
Dimensions	Tower or 4U rack. Height: 375 mm (14.76 in), width: 175 mm (6.89 in), depth: 431 mm (16.97 in)	SD module	Optional. Up to 2 SDHC flash cards via SD module, 8GB each		
Weight	Maximum configuration: 27.6 lb (12.5kg)	Optical drive	Up to two half-height optical drives or one 9.5mm optical. DVD-ROM or DVD±RW		
Processor	One Intel "Kaby Lake" or "Skylake" processor as listed: "Kaby Lake" processors:	Network interfaces	One Gigabit Ethernet port, Intel i219LM. Supports optional discrete network adapters via PCIe slots		
	Xeon E3-1280 v6	4C/3.9GHz/8MB/72W/DDR4-2400	Security features	Power-on and administrator password. TPM (TCG 1.2-compliant)	
	Xeon E3-1275 v6	4C/3.8GHz/8MB/73W/DDR4-2400	Systems management	UEFI, system LEDs, EasyStartup, EasyUpdate, Power Planner, and Diagnostics. Intel Active Management Technology 11 on models with Xeon processors. Intel Standard Manageability on models with Core i3, Pentium, or Celeron processors.	
	Xeon E3-1270 v6	4C/3.8GHz/8MB/72W/DDR4-2400		KVM is supported on models with Xeon E3-12x5 v5 processors	
	Xeon E3-1245 v6	4C/3.7GHz/8MB/73W/DDR4-2400		Operating systems	Microsoft Windows Server 2016/2012 R2/2012, Windows MultiPoint Server 2012, Windows 10 Pro. Red Hat Enterprise Linux 6.7/7.2. SUSE Linux Enterprise Server 11/12. VMware vSphere (ESXi) 5.5U3/6.0U2
	Xeon E3-1240 v6	4C/3.7GHz/8MB/72W/DDR4-2400	Base warranty		1 or 3-year limited onsite service with 9x5/NBD
	Xeon E3-1230 v6	4C/3.5GHz/8MB/72W/DDR4-2400	Power supply	Supports one of the following: • One fixed 250 watts, autosensing, 85%, 80 PLUS Bronze qualified • One fixed 400 watts, autosensing, 92%, 80 PLUS Platinum qualified	
	Xeon E3-1225 v6	4C/3.3GHz/8MB/73W/DDR4-2400		Graphics	Integrated Intel HD Graphics on Xeon E3-12x5 v5, Core i3, Pentium, and Celeron processors. Uses main memory, works along with discrete graphics to support multi-display, enables two display connectors (1 DP, 1 VGA) on rear ports. Also supports the following discrete graphics adapter options: • NVIDIA Quadro NVS 315, 1GB • NVIDIA Quadro K620, 2GB
	Xeon E3-1220 v6	4C/3GHz/8MB/72W/DDR4-2400	HD Audio		Realtek ALC662 codec
	Core i3-7320	2C/4.1GHz/4MB/51W/DDR4-2400	Front ports		Two USB 3.0
	Core i3-7300T	2C/3.5GHz/4MB/35W/DDR4-2400	Rear ports		One VGA, one DisplayPort, six USB 3.0, one RJ-45, one serial (9-pin), three analog audio ports (line-in, line-out, mic-in). Optional parallel or serial ports via PCIe adapters
	Core i3-7300	2C/4GHz/4MB/51W/DDR4-2400		Noise emissions	Operating: < 35 dB(A). Idle: < 34 dB(A) (Maximum configuration)
	Core i3-7100T	2C/3.4GHz/3MB/35W/DDR4-2400	Environmental specification	Temperature - operating	50 °F to 95 °F (10 °C to 35 °C)
	Core i3-7100	2C/3.9GHz/3MB/51W/DDR4-2400		Temperature - non operating (with package)	-40 °C to 60 °C
	Pentium G4620	2C/3.7GHz/3MB/51W/DDR4-2400		Altitude - operating	(Unpressurized): 0-10000ft (0-3048m)
	Pentium G4600T	2C/3GHz/3MB/35W/DDR4-2400		Humidity - operating	8%~80%, non-condensing
	Pentium G4600	2C/3.6GHz/3MB/51W/DDR4-2400		Humidity - storage (with package)	10%~90%, non-condensing
	Pentium G4560T	2C/2.9GHz/3MB/35W/DDR4-2400			
	Pentium G4560	2C/3.5GHz/3MB/54W/DDR4-2400			
	Celeron G3950	2C/3GHz/2MB/51W/DDR4-2133			
	Celeron G3930T	2C/2.7GHz/2MB/35W/DDR4-2133			
	Celeron G3930	2C/2.9GHz/2MB/51W/DDR4-2133			
	"Skylake" processors:	Xeon E3-1280 v5	4C/3.7GHz/8MB/80W/DDR4-2133		
		Xeon E3-1270 v5	4C/3.6GHz/8MB/80W/DDR4-2133		
		Xeon E3-1240 v5	4C/3.5GHz/8MB/80W/DDR4-2133		
		Xeon E3-1230 v5	4C/3.4GHz/8MB/80W/DDR4-2133		
		Xeon E3-1220 v5	4C/3GHz/8MB/80W/DDR4-2133		
		Xeon E3-1275 v5	4C/3.6GHz/8MB/80W/DDR4-2133		
		Xeon E3-1245 v5	4C/3.5GHz/8MB/80W/DDR4-2133		
		Xeon E3-1225 v5	4C/3.3GHz/8MB/80W/DDR4-2133		
		Core i3-6320	2C/3.9GHz/4MB/51W/DDR4-2133		
		Core i3-6300	2C/3.8GHz/4MB/51W/DDR4-2133		
		Core i3-6300T	2C/3.3GHz/4MB/35W/DDR4-2133		
		Core i3-6100	2C/3.7GHz/3MB/51W/DDR4-2133		
		Core i3-6100T	2C/3.2GHz/3MB/35W/DDR4-2133		
Pentium G4520		2C/3.6GHz/3MB/51W/DDR4-2133			
Pentium G4500		2C/3.5GHz/3MB/51W/DDR4-2133			
Pentium G4500T		2C/3GHz/3MB/35W/DDR4-2133			
Pentium G4400		2C/3.3GHz/3MB/54W/DDR4-2133			
Pentium G4400T		2C/2.9GHz/3MB/35W/DDR4-2133			
Celeron G3920		2C/2.9GHz/2MB/51W/DDR4-2133			
Celeron G3900		2C/2.8GHz/2MB/51W/DDR4-2133			
Celeron G3900T	2C/2.6GHz/2MB/35W/DDR4-2133				
Chipset	Intel C236 Platform Controller Hub (PCH)				
Memory DIMMs	4 DIMM sockets with 2 channels, 2 DIMMs per channel. UDIMM. Up to DDR4-2400				
Memory capacity	64GB (16GB x 4)				
Memory protection	ECC				
RAID controller	RAID controller	Drive type	RAID support		
	Onboard RAID121i	6Gbs SATA	0/1/5/10		
	RAID520i PCIe	12Gbs SAS/SATA	0/1/10, 5 with optional key		
Disk bays	Supports up to four 3.5" or hybrid 3.5" + 2.5" disk drives , or up to five 2.5" disk drives. one 9.5mm optical (see right). Non-hot swap. Cables are connected to onboard SATA connectors or PCIe RAID controller. Supports one optional internal USB RDX Tape drive				
Supporting storage	3.5" HDD, 7.2K SATA6Gbs	500GB/1TB/2TB/3TB/4TB/5TB/6TB/10TB			
	2.5" HDD, 7.2K SATA6Gbs	500GB/1TB/2TB			
	2.5" SSD, SATA6Gbs	120GB/240GB/480GB/600GB/800GB/960GB			



Disk Bays and PCIe Slots

	4 x 3.5"	5 x 2.5"	4 x hybrid 3.5" + 2.5"
Bay 1	1st HDD bay	1st HDD bay	1st HDD bay, 3.5"/2.5"
Bay 2	2nd HDD bay	2nd HDD bay	2nd HDD bay, 3.5"/2.5"
Bay 3	Not supported	3rd HDD bay	Not supported on standard models. Supports one 2.5" disk drive for special bid only
Bay 4	2nd half-height optical, or RDX tape drive, or 3rd HDD bay	2nd half-height optical, or RDX tape drive, or 4th HDD bay	2nd half-height optical, or RDX tape drive, or 3rd HDD bay (3.5"/2.5")
Bay 5	1st half-height optical, or 9.5mm optical + 4th HDD bay	1st half-height optical, or 9.5mm optical + 5th HDD bay	1st half-height optical, or 9.5mm optical + 4th HDD bay (3.5"/2.5")
6	Four PCIe slots (top-down): Slot 1: PCIe 3.0 x16, full height, half length (near CPU) Slot 2: PCIe 3.0 x1, full height, half length Slot 3: PCIe 3.0 x16 (x4 elec), full height, half length Slot 4: PCIe 3.0 x1, full height, half length		

Model	70LV003MEA
Product	ThinkServer TS150
Region	EMEA
Machine Type	70LV
TopSeller	TopSeller
Processor	Xeon E3-1245 v5 4C/3.5GHz/8MB/80W/DDR4-2133
Memory	1x16GB UDIMM DDR4-2133 ECC
RAID Controller	RAID 121i
Disk Bays	Up to 4x3.5" DC
Storage	Open
Optical	None
Add-on NIC	None
Add-on Ports	None
System Management	AMT
Operating System	None
Warranty	1-year
Power Supply	Fixed 250W Bronze
Ann Date (mm/yy)	10/16