

ThinkServer TD350 70DJ006E++

Region	System Management
EMEA	TSM
Machine Type	Operating System
70DJ	None
TopSeller	Warranty
TopSeller	3-year
Processor	Power Supply
1xE5-2620 v4 8C/2.1GHz/20MB/85W/DDR4-2133	550Wx1 Platinum
2nd CPU	Ann Date (mm/yy)
4XG0G89078	04/16
Memory	
1x16GB RDIMM DDR4-2400 ECC	
Storage Controller	Note:
720i PCIe+2GB Flash	Country Code "US" is for United States, "++" is for EMEA countries (e.g. AD - Saudi, Arabia, AT - Austria, BM - Bulgaria, etc.), "xx" is for EAST countries (e.g. BM - Bulgaria, CX - Hungary, CY - Cyprus, etc.), and "***" is for MEA countries (e.g. AD - Saudi, Arabia, ED - Egypt, EQ - Sweden, etc.). Please be aware that the EMEA/ EAST/MEA models listed above might not be available in all countries
Disk Bays	
8x2.5" HS	
Disks	
2x300GB HDD 10K 2.5" SAS12Gbps	
Optical	
HH DVD±RW	
Add-on NIC	
None	
Add-on Ports	
None	
TPM	
None	



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Components	Specification	Components	Specification	
Dimensions	Tower or 4U rack. Tower: Height: 459 mm (18.1 in), width: 251 mm (9.9 in), depth: 686 mm (27 in) Rack: height: 173 mm (6.8 in), width: 482 mm (19 in), depth: 686 mm (27 in)	Maximum internal storage	3.5" model: up to 180TB (7.2K SATA)/120TB (SAS HDD), up to 27TB with 10K SAS HDD, up to 9TB with 15K SAS HDD, or up to 24TB with SATA or SAS SSD. 2.5" model: up to 64TB with 7.2K SATA HDD, up to 57.6TB with 10K SAS HDD, up to 19.2TB with 15K SAS HDD, or up to 51.2TB with SATA or SAS SSD	
Weight	Minimum configuration: 22 kg (48.5 lb), maximum: 41.4 kg (91.27 lb)	SD module	Up to 2 SDHC flash cards via optional SD module, 8GB or 32GB each	
	Up to two 135W Intel Xeon E5-2600 v4 or E5-2600 v3 family processors.	Optical drive	Two 5.25" bays for optical drive. DVD-ROM or DVD±RW. Half-height or 9.5mm	
Processor	E5-2698 v4 20C/2.2GHz/50MB/135W/DDR4-2400	Network interfaces	One dedicate management port, two gigabit ethernet ports. Supports optional discrete network adapters via PCIe slots	
	E5-2695 v4 18C/2.1GHz/45MB/120W/DDR4-2400	Security features	Power-on and administrator password. Optional TPM (TCG 1.2 or 2.0-compliant) Supports ThinkServer System Manager (TSM), optional TSM Premium for remote presence. UEFI. Onboard Aspeed AST2400 graphics/management processor, IPMI 2.0-compliant baseboard management controller (BMC). Control Panel LEDs shows the status of power, ID, network, system. Supports ThinkServer Diagnostics, ThinkServer Deployment Manager, ThinkServer Energy Manager, ThinkServer System Manager CLI, Lenovo ThinkServer Partner Pack for VMware vCenter and Microsoft System Center Operations Manager, ThinkServer Power Planner.	
	E5-2690 v4 14C/2.6GHz/35MB/135W/DDR4-2400	Systems management		
	E5-2683 v4 16C/2.1GHz/40MB/120W/DDR4-2400	Operating systems supported	Microsoft Windows Server 2016/2012 R2/2012/2008 R2. Windows Small Business Server 2011. Red Hat Enterprise Linux 6.5/6.6/7. SUSE Linux Enterprise Server 11. VMware vSphere (ESXi) 5.1 P5/5.5 U2/6.0	
	E5-2680 v4 14C/2.4GHz/35MB/120W/DDR4-2400	Base warranty	1 or 3-year limited onsite service with 9x5/NBD.	
	E5-2667 v4 8C/3.2GHz/25MB/135W/DDR4-2400	Power supply	Up to two redundant hot-swap 450W/550W/750W/1100W power supplies. 450 W is 80 PLUS Gold qualified. 550W and 1100W are 80 PLUS Platinum qualified. 750W is 80 PLUS Platinum or Titanium qualified. 750W Titanium is 200V - 240V, others are 110V - 240V.	
	E5-2660 v4 14C/2GHz/35MB/105W/DDR4-2400			
	E5-2650L v4 14C/1.7GHz/35MB/65W/DDR4-2400			
	E5-2650 v4 12C/2.2GHz/30MB/105W/DDR4-2400			
	E5-2643 v4 6C/3.4GHz/20MB/135W/DDR4-2400			
	E5-2640 v4 10C/2.4GHz/25MB/90W/DDR4-2133			
	E5-2637 v4 4C/3.5GHz/15MB/135W/DDR4-2400	Disk bay configuration	PSU requirements	
	E5-2630L v4 10C/1.8GHz/25MB/55W/DDR4-2133	5x3.5" ES	450W 550W 750W 1100W	
	E5-2630 v4 10C/2.2GHz/20MB/85W/DDR4-2133	• (up to 1 CPU)	• • •	
	E5-2623 v4 4C/2.6GHz/10MB/85W/DDR4-2133	5x3.5" HS	• • • •	
	E5-2620 v4 8C/2.1GHz/20MB/85W/DDR4-2133	15x3.5" HS	• • • •	
	E5-2609 v4 8C/1.7GHz/20MB/85W/DDR4-1866	8x2.5" HS	• • • •	
	E5-2603 v4 6C/1.7GHz/15MB/85W/DDR4-1866	16x2.5" HS	• • • •	
	E5-2698 v3 16C/2.3GHz/40MB/135W/DDR4-2133	32x2.5" HS	• • • •	
	E5-2695 v3 14C/2.3GHz/35MB/120W/DDR4-2133			
	E5-2690 v3 12C/2.6GHz/30MB/135W/DDR4-2133			
	E5-2685 v3 12C/2.6GHz/30MB/120W/DDR4-2133			
	E5-2683 v3 14C/2GHz/35MB/120W/DDR4-2133			
	E5-2680 v3 12C/2.5GHz/30MB/120W/DDR4-2133			
	E5-2670 v3 12C/2.3GHz/30MB/120W/DDR4-2133			
	E5-2667 v3 8C/3.2GHz/20MB/135W/DDR4-2133			
	E5-2660 v3 10C/2.6GHz/25MB/105W/DDR4-2133			
	E5-2650L v3 12C/1.8GHz/30MB/65W/DDR4-2133			
	E5-2650 v3 10C/2.3GHz/25MB/105W/DDR4-2133			
	E5-2643 v3 6C/3.4GHz/20MB/135W/DDR4-2133			
	E5-2640 v3 8C/2.6GHz/20MB/90W/DDR4-1866			
	E5-2637 v3 4C/3.5GHz/15MB/135W/DDR4-2133			
	E5-2630L v3 8C/1.8GHz/20MB/55W/DDR4-1866			
	E5-2630 v3 8C/2.4GHz/20MB/85W/DDR4-1866			
	E5-2623 v3 4C/3GHz/10MB/105W/DDR4-1866			
	E5-2620 v3 6C/2.4GHz/15MB/85W/DDR4-1866			
	E5-2609 v3 6C/1.9GHz/15MB/85W/DDR4-1600			
	E5-2603 v3 6C/1.6GHz/15MB/85W/DDR4-1600			
Chipset	Intel C610 Series Chipset	Environmental specification	Onboard Aspeed AST2400 with 16MB memory, one VGA on rear	
Memory DIMMs	16 DIMM sockets (8 DIMMs per processor), 8-channel capable (4-channel per processor). RDIMM and LRDIMM (cannot be intermixed), DDR4, up to 2400MHz		Two USB 2.0	
Memory capacity	512GB (RDIMM, 32GB x 16)/1024GB (LRDIMM, 64GB x 16), 2nd CPU is needed		One VGA, four USB 3.0, one RJ-45 (dedicate/share mgmt), two ethernet (RJ-45), one serial (9-pin)	
Memory protection	ECC, memory mirroring, lockstep, and memory sparing		4 (3+1), hot-swap	
RAID controller	RAID controller		Noise emissions Operating: < 6.5 Bels. Idle: < 6 Bels (Maximum configuration)	
	Onboard RAID110i 6Gbs SATA		ASHRAE Class A4	
	0/1/10,5 with optional key		A4	
	5x3.5" HS/ES, 8x2.5" HS		A3	
	RAID520i PCIe		A2	
	12Gbs SAS/SATA		Temperature - operating 41 °F to 113 °F (5 °C to 45 °C)	
	0/1/10,5/50 with optional key		41 °F to 104 °F (5 °C to 40 °C)	
	5x3.5" HS, 8x2.5" HS		50 °F to 95 °F (10 °C to 35 °C)	
RAID controller	RAID720i PCIe		Temperature - storage (with package) -40 °C to 60 °C	
	12Gbs SAS/SATA		Altitude - operating (Unpressurized): 0-10000ft (0-3048m)	
	0/1/10/5/50,6/60 with optional cache		Humidity - operating (non-condensing) 8%-90%	
	5x3.5" HS, 8x2.5" HS		8%-85%	
	AnyRAID 510i		Humidity - storage (with package) 8%-90%, non-condensing	
	6Gbs SAS/SATA		ASHRAE Class A4: ES or 8x2.5" HS bays/Lenovo-qualified CPU; maximum of 120W thermal design power; not low-power type (no L-suffix in the CPU name)/No internal tape/Two PSU installed for redundancy/Lenovo-qualified PCIe card; power consumption of each PCIe card does not exceed 15W. 32x2.5" models support ASHRAE Class A2, the other models support ASHRAE Class A3.	
	0/1/10/5/50 with optional key			
	5x3.5" HS, 8x2.5" HS			
RAID controller	AnyRAID 720i		Slot 7 (CPU2) Expansion slots	
	12Gbs SAS/SATA		Slot 1 (CPU1) PCIe 3.0 x16, full height, full length, double-wide	
	0/1/10/5/50,6/60 with optional cache		Slot 2 (CPU1) PCIe 3.0 x16 (x8 elec), full height, full length	
	5x3.5" HS, 8x2.5" HS		Slot 3 (CPU1) PCIe 3.0 x16 (x8 elec), full height, full length	
	AnyRAID 720ix		Slot 4 (CPU2) PCIe 3.0 x16 (x8 elec), full height, full length	
	12Gbs SAS/SATA		Slot 5 (CPU2) PCIe 3.0 x16, full height, full length	
	0/1/10/5/50/6/60		Slot 6 (CPU2) PCIe 3.0 x16 (x8 elec), full height, full length	
	15x3.5" HS, 16/32x2.5" HS		Slot 7 (CPU2) PCIe 3.0 x16 (x8 elec), full height, full length	
Disk drive bays	Optional cache for RAID 720/AnyRAID 720i and 720ix: 1GB read-only memory or 1GB/2GB/4GB flash with super capacitor. Flash options include CacheVault, Cache-Cade Pro, and FastPath. 720ix must have cache.			
	Up to 15 3.5" or 32 2.5" hot-swap bays, or up to 5 3.5" easy-swap bays, on front.			
	Up to 2 M.2 SSD drives via optional M.2 module. Up to one internal LTO-6 SAS tape drive on 720ix model, or external RDX tape drive via USB.			

For a list of all supported options, please see https://download.lenovo.com/pccbbs/options_iso/ocm_september_2016_thinkserver.xlsx sheet

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