

Components	Specification	Components	Specification																																										
Dimensions	Tower or 5U rack. Height: 430 mm (16.9 in), width: 195 mm (7.68 in), depth: 595 mm (23.4 in)	Security features	Power-on and administrator password. Optional TPM (TCG 1.2-compliant)																																										
Weight	Maximum: 26 kg (57.3 lb)	Intelligent Diagnostics Module (IDM)	Supports IDM or IDM Premium on selected models, IDM LED lights indicate failing component category, IDM Premium LED lights indicate individual failing part																																										
Processor	Up to two 95W Intel Xeon E5-2400 v2 family (code name: Ivy Bridge EN) processors with 10 cores up to 2.4GHz, 8 cores up to 2.5GHz, 6 cores up to 2.5GHz, 4 cores up to 2.4GHz. One QPI link up to 8.0 GT/s. Up to 1600MHz memory speed. Up to 25MB cache. Or up to two Intel Xeon E5-2420 (code name: Sandy Bridge EN) processors with 6 cores, 1.9GHz, 15MB cache, 95W, up to 1333MHz memory speed, one 7.2GT/s QPI link	Systems management	Supports ThinkServer Management Module (TMM), optional TMM Premium for remote presence. Onboard Aspeed AST2300 graphics/management processor, IPMI 2.0-compliant baseboard management controller (BMC). Front control panel LEDs shows the status of power, hard drive activity, network, system. Supports EasyStartup, EasyManage, EasyUpdate.																																										
Chipset	Intel C606 Platform Controller Hub (PCH)	Operating systems supported	Microsoft Windows Server 2012 R2/2012/2008 R2/2008. Windows Small Business Server 2011. Red Hat Enterprise Linux 7.1/7/6.7/6.5/6.4/5.10/5.9. SUSE Linux Enterprise Server 11/10. VMware vSphere (ESXi) 5.5/5.1																																										
Memory DIMMs	12 DIMM sockets (6 DIMMs per processor). 6-channel capable (3-channel per processor). RDIMM, LV RDIMM and LV UDIMM (cannot be intermixed). DDR3. Up to 1866MHz (RDIMM), 1600MHz (LV RDIMM) or 1600MHz (LV UDIMM)	Base warranty	1 or 3-year limited onsite service with 9x5/NBD.																																										
Memory capacity	192GB (RDIMM and LV RDIMM, 16GB x 12)/48GB (LV UDIMM, 4GB x 12)	Power supply	One fixed 625 watts, universal, 80 PLUS Bronze qualified. Or up to two redundant 800 watts, two maximum, rear access, hot-swap, 80 PLUS Gold qualified, redundant with two power supplies																																										
Memory protection	ECC, memory mirroring, memory sparing	Graphics	Onboard Aspeed AST2300 graphics/management processor																																										
AnyRAID support	Supports one of the following: RAID 0, 1, 10 with onboard RAID 100, 6Gb/s SATA, optional key for RAID 5. RAID 0, 1, 10 with onboard RAID 300, 6Gb/s SAS/SATA, optional key for RAID 5. RAID 0, 1, 10 with RAID 500, PCIe adapter, 6Gb/s SAS/SATA, optional key for RAID 5, 50. RAID 0, 1, 10, 5, 50, 6, 60 with RAID 700, PCIe adapter, 512MB cache, optional intelligent Battery Backup Unit (iBBU08). RAID 0, 1, 10, 5, 50, 6, 60 with RAID 710, PCIe adapter, 1GB cache, optional CacheVault flash cache with super capacitor/CacheCade Pro 2.0/FastPath key Note: At least 6 disk drives is required for RAID 50 and 60.	Front ports	Two USB 2.0																																										
Disk drive bays	Up to 8 3.5" hot-swap bays, or up to 16 2.5" hot-swap bays, or up to 4 3.5" non-hot swap bays. On front. Supports internal RDX tape drive, consumes 5.25" bay, also supports optional external SAS tape drive, additional SAS HBA card is needed.	Rear ports	Four USB 2.0, one serial (9-pin), two ethernet (RJ-45, one for dedicate/share mgmt), one analog VGA DB-15 connector																																										
	<table border="1"> <thead> <tr> <th>Disk bay configuration</th> <th colspan="5">RAID controller requirements</th> </tr> <tr> <th></th> <th>RAID100</th> <th>RAID300</th> <th>RAID500</th> <th>RAID700</th> <th>RAID710</th> </tr> </thead> <tbody> <tr> <td>4x3.5" non-hot swap</td> <td>•</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>4x3.5" HS</td> <td>•</td> <td>•</td> <td>•</td> <td>•</td> <td>•</td> </tr> <tr> <td>8x3.5" HS</td> <td></td> <td>•</td> <td>•</td> <td>•</td> <td>•</td> </tr> <tr> <td>8x2.5" HS</td> <td></td> <td>•</td> <td>•</td> <td>•</td> <td>•</td> </tr> <tr> <td>16x2.5" HS</td> <td></td> <td></td> <td>•</td> <td>•</td> <td>•</td> </tr> </tbody> </table>	Disk bay configuration	RAID controller requirements						RAID100	RAID300	RAID500	RAID700	RAID710	4x3.5" non-hot swap	•					4x3.5" HS	•	•	•	•	•	8x3.5" HS		•	•	•	•	8x2.5" HS		•	•	•	•	16x2.5" HS			•	•	•	Noise emissions	Operating: < 42 dB(A). Idle: < 38 dB(A) (Maximum configuration) Energy Star Server 1.1 qualified for 625W models, Energy Star Server 2.0 qualified for 800W models. RoHS-compliant.
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Optical drive	Two 5.25" bays for optical drive. DVD-ROM or DVD±RW. Half-height	<p>Expansion slots</p> <table border="1"> <tbody> <tr> <td>Slot 1 (PCH)</td> <td>32-bit PCI 2.3, half-length, full-height</td> </tr> <tr> <td>Slot 2 (CPU1)</td> <td>PCIe 3.0 x8 (x4 elec), half-length, full-height</td> </tr> <tr> <td>Slot 3 (CPU2)</td> <td>PCIe 3.0 x8, half-length, full-height</td> </tr> <tr> <td>Slot 4 (CPU2)</td> <td>PCIe 3.0 x8, half-length, full-height</td> </tr> <tr> <td>Slot 5 (CPU1)</td> <td>PCIe 3.0 x16, half-length, full-height</td> </tr> <tr> <td>Slot 6 (CPU2)</td> <td>PCIe 3.0 x8, half-length, full-height</td> </tr> </tbody> </table> 		Slot 1 (PCH)	32-bit PCI 2.3, half-length, full-height	Slot 2 (CPU1)	PCIe 3.0 x8 (x4 elec), half-length, full-height	Slot 3 (CPU2)	PCIe 3.0 x8, half-length, full-height	Slot 4 (CPU2)	PCIe 3.0 x8, half-length, full-height	Slot 5 (CPU1)	PCIe 3.0 x16, half-length, full-height	Slot 6 (CPU2)	PCIe 3.0 x8, half-length, full-height																														
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Network interfaces	Two Gigabit Ethernet port via two Intel 82574L. One port is shared with ThinkServer Management Module. Supports optional discrete network adapters via PCIe slots	<p>Slot 6 Slot 5 Slot 4 Slot 3 Slot 2 Slot 1</p>																																											

Model	70B7002E++
Product	ThinkServer TD340
Region	EMEA
Machine Type	70B7
TopSeller	TopSeller
Processor	1xE5-2407 v2 4C/2.4GHz/10MB/80W/DDR3-1333
Memory	1x8GB RDIMM DDR3-1600 ECC
RAID Controller	RAID 300+Key
Disk Bays	8x2.5" HS
Storage	Open
Optical	HH DVD±RW
Add-on NIC	None
TPM	None
Diagnostics	IDM Premium
System Management	TMM Premium
Operating System	None
Warranty	3-year
Power Supply	800Wx2 Gold
Ann Date (mm/yy)	01/14

