ThinkServer TS140 Platform Specifications

Components	Specification	C
Dimensions	Tower or 4U rack.	F
	Height: 375 mm (14.76 in), width: 175 mm (6.89 in), depth: 431 mm (16.97 in)	F
Weight Maximum configuration: 28.66 lb (13kg)		
Processor	Supports one of the following Intel processors (code name: Haswell): • Xeon E3-1200 v3: up to 4C/3.7GHz/8MB/84W/1600MHz • Core i3: up to 2C/3.7GHz/4MB/54W/1600MHz • Pentium: up to 2C/3.4GHz/3MB/53W/1600MHz	
Olainaat	Celeron: up to 2C/2.9GHz/2MB/53W/1333MHz Use 1 Country Country	╢
Chipset	Intel C226 Platform Controller Hub (PCH)	
Memory DIMMs	, , , , , , , , , , , , , , , , , , , ,	
Memory capacity	32GB	╝
Memory protection	ction ECC	
RAID controller	Supports one of the following onboard or PCIe RAID adapters • RAID 0, 1, 5, 10 with onboard RAID 100, 6Gb/s SATA.	
Disk drive bays	Two external 5.25" bays, two internal 3.5" bays (see right). Up to one 9.5mm optical plus 4 3.5" or 2.5" disk drives. Supports internal RDX tape drive, cosumes 5.25" bay, also support optional external USB RDX tape drive. All disk drive bays are direct cabled, non-hot swap	
Maximum internal storage		
Optical drive	Two 5.25" bays for optical. DVD-ROM or DVD±RW. Half-height or 9.5mm	1
Network interfaces	One onboard gigabit ethernet, Intel I217, shared with AMT. Supports optional discrete network adapters via PCIe slots	
Security features	Power on and administrator password TPM (TCG 1.2 compliant)	
Systems management	Intel Active Management Technology 9 on models with Xeon processors.	
Operating systems supported	Microsoft Windows Server 2012 R2/2012/2008 R2. Windows Small Business Server 2011. Windows 8.1/8/7(except Home edition). Red Hat Enterprise Linux 6.5/6.7/7/7.1. SUSE Linux Enterprise Server 11 SP4. VMware vSphere (ESXi) 5.1 U2/5.5 U1/5.5 U2/5.5 U3	
Raco warranty	Note: VMware requires processors with Intel HD, add-on network adapters, and PCle RAID adapters 1 or 3-year limited onsite service with 9x5/NBD.	-
Base warranty		-
Power supply	Supports one of the follwing: One fixed 280 watts, autosensing, 85%, 80 PLUS Bronze qualified One fixed 450 watts, autosensing, 92%, 80 PLUS Platinum qualified	
Graphics	Integrated Intel HD Graphics on Xeon E3-12x6 v3, Xeon E3-12x5 v3, Core i3, Pentium, and Celeron processors. Uses main memory, works along with discrete graphics to support multi-display, enables three display connectors (2 DP, 1 VGA) on	

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	Components	Specification			
	Front ports	Two USB 3.0 (blue)			
	Rear ports	1 VGA and 2 DisplayPort (for Intel HD Graphics models only), two USB 2.0, for USB 3.0 (blue), one serial (9-pin), one ethernet (RJ-45), three analog audio p (line-in, line-out, mic-in). Optional parallel or serial ports via PCI or PCIe adap emissions Operating: < 35 dB(A). Idle: < 34 dB(A) (Maximum configuration)			
	Noise emissions				
		GREENGUARD certified, Energy S	tar Server 1.1 qualified, RoHS-compliant		
		Temperature - operating	50 °F to 95 °F (10 °C to 35 °C)		
	Environmental specification	Temperature - storage (with package)	-40 o C to 70 o C		
-		Altitude - operating	Supported Altitude (unpressurized): 0-10000ft (0-3048m)		
		Humidity - operating	10%~80%, non-condensing		
		Humidity - storage (with package)	10%~90%, non-condensing		



Drive Bays and PCIe Slots

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Bay 1	5.25", supports one of the following: HH optical, 9.5mm optical+3.5"/2.5" drive		
Bay 2	5.25", supports one of the following: 3.5"/2.5" drive, tape drive		
Bay 3	Standard 3.5"/2.5" disk drive bay		
Bay 4	Standard 3.5"/2.5" disk drive bay		
	Four PCIe slots (top-down):		
	Slot 1: PCle 3.0 x16, full height, half length (near CPU)		
5 -Slots	Slot 2: PCle 2.0 x1, full height, half length		
	Slot 3: PCIe 2.0 x16 (x4 elec), full height, half length		
	Slot 4: PCI 2.3, full height, half length		

Model	70A5001T++
Product	ThinkServer TS140
Region	EMEA
Machine Type	70A5
TopSeller	TopSeller
Processor	Xeon E3-1246 v3 4C/3.5GHz/8MB/84W/DDR3-1600
Memory	1x4GB UDIMM DDR3-1600 ECC
RAID Controller	RAID 100
Disk Bays	4x3.5" DC
Storage	2x1TB HDD 7.2K 3.5" SATA6Gbs
Optical	9.5mm DVD±RW
Add-on NIC	None
Add-on Ports	None
System Management	AMT
Operating System	None
Warranty	3-year
Power Supply	450W 92% Fixed
Ann Date (mm/yy)	03/15





