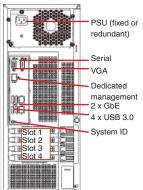
ThinkServer TS460 Platform Specifications

minkServer	3460 Platform Spe	Cilicatio)115				
Components	Specification						
Dimensions	42L tower or 4U rack. Height: 443.5 mm (17.46 in) mm (23.35 in) including fron						3
Weight	Maximum configuration: 57.32 lb (26.5 kg)						
	Supports one of the followin			orocesso	ors:		\exists
	Xeon E3-1280 v5 4C/3.7GHz/8	SMB/80W/D	DR4-21	33			
	Xeon E3-1270 v5 4C/3.6GHz/8						
	Xeon E3-1240 v5 4C/3.5GHz/8						
	Xeon E3-1230 v5 4C/3.4GHz/8						
	Xeon E3-1220 v5 4C/3GHz/8M						
	Core i3-6320 2C/3.9GHz/4						
Processor	Core i3-6300T 2C/3.3GHz/4						- 11.
	Core i3-6300 2C/3.8GHz/4 Core i3-6100T 2C/3.2GHz/3						
	Core i3-6100 2C/3.7GHz/3						
	Pentium G4520 2C/3.6GHz/3						
	Pentium G4500T 2C/3GHz/3M						
	Pentium G4500 2C/3.5GHz/3						
	Pentium G4400T 2C/2.9GHz/3						
	Pentium G4400 2C/3.3GHz/3	3MB/54W/D	DR4-210	33			
Chipset	Intel C232 Platform Controll						
Memory DIMMs	4 DIMM sockets with 2-char	nels. UDII	/M. DD)H4-213	3.		
Memory capacity	Up to 64GB (16GB x 4)						
Memory protection							,
		ive type	0/4/5/		RAID s	upport	
	Onboard RAID121i 6Gbs 8 RAID520i PCle 12Gbs	SAS/SATA	0/1/5/		ontion	al kov	
RAID controller						h optional cache	լ և
	Optional cache for RAID720 pacitor.					•	са-
	Supports one of the followin	g configura	ations:				
			AID			Tape drive	
	Disk bays configuration	con	troller	Optical	RDX	LTO	
	4x3.5" SATA non-hot swap		21i	up to 2		-	
	4x3.5" SATA hot-swap 4x3.5" SATA/SAS hot-swap		21i or 720i	up to 2 up to 2		up to 1, 520i only	
	8x3.5" SATA/SAS hot-swap		or 720i			- up to 1, 5201 of ity	
Disk drive bays	8x2.5" SATA/SAS hot-swap	520i	or 720i	up to 2	up to 1	-	
	16x2.5" SATA/SAS hot-swa	p 520i	or 720i	up to 2	up to 1	-	
	4x3.5" + 8x2.5" SATA/SAS hot- 4 x 3.5" HS can be upgrade	swap 5201 d to 8 v 3 F	or /201 5" HS o	up to 2	up to 1 	2 5" HS	
	8 x 2.5" HS can be upgrade	d to 16 x 2	.5" HS	or 4 x 3	.5" + 8	x 2.5" HS.	
	edundant PSU models only, RAID520i/RAID720i and expansion kit is needed,						
more that 8 disk bays needs expander card. Also supports one M.2 SATA SSD, 32GB or 128GB.							
	3.5" SATA HDD, 7.2K 6Gbs, HS or N	HS		/3TB/4TB/			
Supporting disk	3.5" SAS HDD, 7.2K 12Gbs, HS 2.5" SAS HDD, 10K 12Gbs, HS, 2.5"	or 2 5" bay		/3TB/4TB/ 00GB/900		1/1 OTD	
drives	2.5" SATA SSD, 6Gbs, HS, 2.5" or 3.9						
diivoo	2.5" SATA HDD, 7.2K 6Gbs, HS		120GB/240GB/480GB/800GB/960GB 1TB/2TB				
	M.2 SATA SSD		32GB/12	8GB			
Maximum internal storage	Up to 64TB with 8TB 3.5" SAS or SATA HDDs, 8 x 3.5" HS bay						
Optical drive	Two 5.25" bays. Up to 2 optical drives. DVD-ROM or DVD±RW. Half-height. 2nd optical drive will be disable if M.2 SATA SSD is used		2∩i				
Tape drive	Supports one tape drive in 5.25" bay. RDX or LTO. LTO Tape drive needs RAID520i		20i				
Network interfaces	Two integrated Gigabit Ethe One dedicate management	port with F	Realtek	RTL821	1E ´		
		board Aspeed AS12400 graphics/management processor,					
Systems	IPMI 2.0-compliant baseboard management controller (BMC). Control Panel LEDs shows the status of power, disk drives, network, system.						
management On rear system ID. Supports EasyStartup, Power Planner, Lenovo ThinkServe Diagnostics Standalone, ToolsCenter Suite CLI inventory module on ThinkServe		enovo ThinkServer					
Lenovo xClarity Administrator			Galo on militorive	,			

	Components	Specification				
٦	Security features	Power-on and administrator password. Optional TPM, TCG 1.2 or 2.0 compliant.				
	Operating	Microsoft Windows Server 2016/2012 R2. Red Hat Enterprise Linux 6.8. VMware				
4	systems	vSphere (ESXi) 6.0U2/6.5				
4	Base warranty	1 or 3-year limited onsite service with 9x5/NBD.				
	Power supply	Supports one of the follwing, depending on models: One fixed 300 watts, universal, 85%, 80 PLUS Bronze qualified. Up to two redundant 450 watts, two maximum, rear access, hot-swap, 92%, 80 PLUS Gold qualified, universal, redundant with two power supplies				
	Graphics	Two USB 3.0 (blue) One VGA four USB 3.0 one B.I-45 (dedicated mont), two ethernet, one serial			ent processor	
	Front ports					
	Rear ports					
	Noise emissions				ration)	
		All models supports ASHARE B. Models with the following configuration supports ASHARE A3: Xeon E3-1230 v5/8GBx2/DVD±RW/1TB SATAx4/RAID520i/450Wx2/TPM				
			ASHRAE A2	ASHRAE A3	ASHRAE B	
		Temperature - operating	10°C to 35°C (50°F to 95°F)	5°C to 40°C (41°F to 104°F)	5°C to 35°C (41°F to 95°F)	
-	Environmental	Temperature - storage (with package)	-40°C to 60°C (-40°F to 140°F)	-40°C to 60°C (-40°F to 140°F)	-40°C to 60°C (-40°F to 140°F)	
	specification	Altitude - operating	20% to 80% (non-condensing)	8% to 85% (non-condensing)	8% to 80% (non-condensing)	
4		Humidity - storage (with package)	10% to 90% (non-condensing)	10% to 90% (non-condensing)	10% to 90% (non-condensing)	
┥		Altitude - operating	de - operating 0 m to 3048 m (0 ft to 10 000 ft) in an unpressurized environment			
GREENGUARD certified, RoHS-compliant, Energy Star Server 2.1 qualified redundant PSU models			rver 2.1 qualified on			



Expansion slots
4 PCle 3.0 slots (top-down):
Slot 1: PCle 3.0 x4, full height, full length, open-end, from PCH
Slot 2: PCle 3.0 x16, full height, full length, from CPU
Slot 3: PCle 3.0 x1, full height, half length, from PCH
Slot 4: PCle 3.0 x8, full height, half length, open-end, from CPU

1. If a PCIe card is connected to slot 4, both slot 2 and slot 4 will work at PCIe x8.
2. If a discrete graphics card is used, slot 2 will work at PCIe x16 and slot 4 will be disable.

Core options for ThinkServer TS460 (partial)

I	ThinkServer 8GB 2RX8 PC4-2133-E CL15 DDR4-2133 ECC-UDIMM	4X70G88316
	ThinkServer 16GB 2RX8 PC4-2133-E CL15 DDR4-2133 ECC-UDIMM	4X70G88317
	ThinkServer 8TB 7.2K 3.5" Enterprise 6Gb SATA Hard Drive – NHS	4XB0K12347
	ThinkServer 8TB 7.2K 3.5" Enterprise 12Gb SAS Hot Swap Hard Drive	4XB0K12254
	ThinkServer 2TB 7.2K 2.5" Enterprise 6Gb SATA Hot Swap Hard Drive	4XB0G88774
	ThinkServer 2.5" 1.8TB 10K SAS 12Gbps Hot Swap Hard Drive	4XB0G88737
		4XB0K12333
	HS Intel S3520 960G 6Gbps SATA 2.5"SSD	4XB0K12332
1	128GB SATA M.2 SSD	4XB0K12311
\exists	450W 1+1 Redundant PSU - Gold -Single module 110V to 240V AC input	4X20G87846
		4XF0G88945
4		4XF0G88946
	Lenovo ThinkServer SAS 12G Expander PCIe Card	4XC0G88843
		4XF0G88937

Model	70TT000JUX
Product	ThinkServer TS460
Region	US
Machine Type	70TT
TopSeller	TopSeller
Processor	Xeon E3-1220 v5 4C/3GHz/8MB/80W/DDR4-2133
Memory	1x8GB UDIMM DDR4-2133 ECC
RAID Controller	RAID121i
Disk Bays	4x3.5" HS
Storage	Open
Optical	Open
Add-on NIC	None
Add-on Ports	None
System Management	TPM2.0
Operating System	None
Warranty	1-year
Power Supply	1x450W 92%
Ann Date (mm/yy)	02/17











