




ASUS TS300-E7/PS4 (Base Server System)

Technical Specifications			
Item	Description	Options	
 CPU	Uni CPU technology / Intel Xeon Processor E3-1200 Sequence 1* LGA 1155 Socket /Bus up to: 5.0 GT/s	included	
	Installed CPU		1
	CPU Type		Xeon Quad Core Model E3-1220 V2
	CPU Speed		3.1GHz up to 3.5GHz Max Turbo Speed
	CPU Cache		8MB
	Bus Speed		5.0GT/s
	M/B		ASUS supports Uni CPU Xeon <ul style="list-style-type: none"> ▪ Intel C204 Chipset ▪ Up to 32GB RAM (4 DIMM slots, dual channel) ▪ ECC DDR3 Memory technology supported ▪ Expansion Slots <u>Expansion Slots</u> <u>Workstation Mode:</u> 1 x PCI-E x16 (Gen2 X16 Link) <u>Server Mode:</u> 2 x PCI-E x16 (Gen2 X8 Link) 1 x PCI-E x8 (Gen2 X4 Link) 3 x PCI 32bit/ 33MHz Additional Slot 1: 1* PIKE Slot for Storage Enhancement
Memory	DDR3 DIMM Unbuffered ECC memory 8GB (2x 4GB) expandable up to total 32GB (4 DIMM slots)	included	
HDD	Hot Swap SAS /SATA cage Up to 4 SAS /SATA HDD	included	
	HDD Installed		0
	Type		SAS (Serial Attached SCSI)
	Capacity		600GB
	RPM		15,000
	Buffer		16MB
HDD	Hot Swap SAS /SATA cage Up to 4 SAS /SATA HDD	included	
	HDD Installed		2
	Type		SATA (Serial ATA)
	Capacity		1TB
	RPM		7,200
	Buffer		64MB
	<u>Controllers (on board, built in):</u> Intel® C204 2 x SATA3 6Gbs ports /4 x SATA2 3Gbs ports Intel® Rapid Storage Technology(RST) (For Windows Only) Support Software RAID 0,1,5, 10 LSI® MegaRAID (For Linux/Windows) Support Software RAID 0,1,10	included	
	<u>Controllers (on card, optional):</u> <ul style="list-style-type: none"> • ASUS PIKE 2008 8-port SAS /SATA HW RAID card (RAID 0, 1, 0+1, 10E) • ASUS PIKE 2208 8-port SAS /SATA HW RAID card (0, 1, 5, 10, 50, 6, 60) 	optional	
Graphics	Aspeed AST2050 with 16MB VRAM		
Storage	ASUS 20x DVD/RW drive	included	
LAN	4 x Intel® 82574L + 1 x Mgmt LAN	included	
Ports	5 x RJ-45 ports 4 x USB2.0 ports (Front * 2, Rear * 2) 1 x VGA port 1 x PS/2 Keyboard port 1 x PS/2 Mouse port	included	
Keyboard /Mouse	ASUS Original Keyboard ASUS Original USB optical mouse	included	
Chassis	Tower Chassis (Rackable 5U with optional rack kit, the kit is not included)	included	
	Extra 2 fans (dedicated and controlled)	included	
Rail Kit	Sliding rail kit for using the TS300 series servers in rack mounted configurations (5U)	optional	
Power Supply	500W power supply 80+ Hi Efficiency (default shipping with 1 power supply installed) <i>Optional upgrade to Redundant Hot Plug, not included, call for details</i>	included	
Dimensions	445mm (H) x 217mm (W) x 545mm (D)		
Management	Software: ASUS exclusive ASWM 2.0 software	included	
	Hardware: Optional ASUS ASMB4-iKVM for KVM-over-IP support	optional	
OS Support	Windows® Server 2008 Enterprise /Windows® Server 2003 Enterprise (32/64-bit) RedHat® Enterprise Linux AS5.0 (32/64 bit) /SuSE® Linux Enterprise Server 10 (32/64 bit) (Subject to change without any notice)		