



Lenovo ThinkStation E32 Tower Intel® Xeon® E3 V3 Family E3-1245V3 8 GB DDR3-SDRAM 2 TB Hybrid-HDD Windows 7 Professional Mini Tower Workstation Black

Brand : Lenovo

Product family: ThinkStation

Product code: 30A10066SP

Product name : E32 Tower

Intel Xeon E3-1245 v3 (3.4 GHz), 8GB RAM, 2000GB 3.5" Hybrid-HDD, Intel HD Graphics P4600, Gigabit Ethernet, Windows 7 Professional 64

Lenovo ThinkStation E32 Tower. Processor frequency: 3,4 GHz, Processor type: Intel® Xeon® E3 V3 Family, Processor: E3-1245V3. Internal memory: 8 GB, Internal memory type: DDR3-SDRAM, Memory speed: 1600 MHz. Total storage capacity: 2 TB, Storage media: Hybrid-HDD, Optical drives: DVD±RW. On-board graphics card model: Intel® HD Graphics P4600. Operating system software: Windows 7 Professional, Operating system architecture: 64-bit. Power supply: 280 W. Form factor: Mini Tower. Product type: Workstation



Processor		Performance	
Processor manufacturer *	Intel	Chipset	Intel® C226
Processor type *	Intel® Xeon® E3 V3 Family	Audio system	HD
Processor *	E3-1245V3	Password protection	✓
Processor number of cores	4	Password protection type	Power on
Processor threads	8	Product type *	Workstation
Processor boost frequency	3,8 GHz	Software	
Processor frequency *	3,4 GHz	Operating system architecture	64-bit
Processor socket	LGA 1150 (Socket H3)	Operating system software *	Windows 7 Professional
Processor cache	8 MB	Processor special features	
Processor cache type	Smart Cache	Intel Wireless Display (WiDi) Technology	✗
Bus type	QPI	Intel 64	✓
FSB Parity	✗	Enhanced Intel SpeedStep Technology	✓
Processor lithography	22 nm	Embedded options available	✗
Processor operating modes	64-bit	Intel® InTru™ 3D Technology	✓
Processor series	Intel Xeon E3-1200 v3	Intel® Insider™	✗
Processor codename	Haswell	Intel Clear Video HD Technology	✓
Thermal Design Power (TDP)	84 W	Intel Clear Video Technology	✗
PCI Express slots version	3.0	Intel VT-x with Extended Page Tables (EPT)	✓
Maximum number of PCI Express lanes	16	Intel TSX-NI	✓
PCI Express configurations	1x16, 2x8, 1x8+2x4	Idle States	✓
Number of processors	1	Thermal Monitoring Technologies	✓
Number of QPI links	1	Intel Stable Image Platform Program (SIPP)	✓
Stepping	C0	Intel AES New Instructions	✓
Maximum internal memory supported by processor	32 GB	Intel® Secure Key	✓
Memory types supported by processor	DDR3-SDRAM	Intel® OS Guard	✓
Memory clock speeds supported by processor	1600 MHz		
Memory bandwidth supported by processor (max)	25,6 GB/s		

Processor		Processor special features	
ECC supported by processor	✓	Intel Trusted Execution Technology	✓
Memory		Execute Disable Bit	✓
Internal memory *	8 GB	Intel FDI Technology	✓
Maximum memory *	32 GB	Intel Flex Memory Access	✓
Internal memory type	DDR3-SDRAM	Intel Fast Memory Access	✓
Memory layout (slots x size)	2 x 4 GB	Intel Smart Cache	✓
Memory slots	4x DIMM	Intel Enhanced Halt State	✓
Memory speed	1600 MHz	Intel Demand Based Switching	✗
Memory channels	Dual-channel	Intel Clear Video Technology for MID	✗
Storage		Processor package size	37.5 x 37.5 mm
Total storage capacity *	2 TB	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Storage media *	Hybrid-HDD	Processor code	SR14T
Optical drives *	DVD±RW	Scalability	1S
Number of HDDs installed	1	CPU configuration (max)	1
Hybrid-HDD capacity	2 TB	Graphics & IMC lithography	22 nm
Hard drive interface	SATA III	Thermal solution specification	PCG 2013D
Hard drive size	3.5"	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Card reader integrated	✓	Intel Identity Protection Technology version	1,00
RAID support	✓	Intel Stable Image Platform Program (SIPP) version	1,00
RAID levels	0, 1, 5	Intel Secure Key Technology version	1,00
Graphics		Intel Virtualization Technology (VT-x)	✓
On-board graphics card *	✓	Intel TSX-NI version	1,00
Discrete graphics card model *	Not available	Intel Dual Display Capable Technology	✓
On-board graphics card family	Intel® HD Graphics	Intel Rapid Storage Technology	✗
On-board graphics card model *	Intel® HD Graphics P4600	Processor ARK ID	75462
On-board graphics card base frequency	350 MHz	Intel Turbo Boost Technology	2.0
On-board graphics card dynamic frequency (max)	1200 MHz	Intel Hyper-Threading Technology	✓
Number of displays supported (on-board graphics)	3	Intel® Quick Sync Video Technology	✓
Network		Intel My WiFi Technology	✗
Ethernet LAN connection *	✓	Intel Identity Protection Technology	✓
Ethernet LAN data rates	10,100,1000 Mbit/s	Intel Anti-Theft Technology	✓
Cabling technology	10/100/1000Base-T(X)	Conflict-Free processor	✗
Wi-Fi *	✗	Power	
Ports & interfaces		Power supply *	280 W
USB 2.0 ports quantity *	2	Power supply input frequency	50 - 60 Hz
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	6	Certificates	
VGA (D-Sub) ports quantity	1	Compliance certificates	RoHS
DVI port	✗	Sustainability	
DisplayPorts quantity	2	Sustainability certificates	EPEAT Gold, ENERGY STAR
Ethernet LAN (RJ-45) ports	1	Weight & dimensions	
Microphone in	✓	Width *	175 mm
Headphone outputs	1	Depth *	431 mm
Line-out	✓	Height *	425 mm
Line-in	✓	Weight *	12,5 kg
Serial ports quantity	1	Packaging content	
Expansion slots		Mouse included	✓
PCI Express x1 (Gen 2.x) slots	1	Keyboard included	✓
PCI Express x16 (Gen 2.x) slots	1	Display	
PCI Express x16 (Gen 3.x) slots	1	Display included *	✗
PCI slots	1	Other features	
Design			
Form factor *	Mini Tower		
Placement supported	Vertical		

Design		Other features	
Cable lock slot	✓	Optical drives quantity	1
Cable lock slot type	Kensington		
Product colour *	Black		

Catalog Object Cloud



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