

Lenovo ThinkStation P700 (30A9001HMB)

Intel Xeon E5-2620 v3 (2.40 GHz, 15MB), 8GB 2133MHz DDR4 ECC RDIMM, 256GB SSD OPAL, Gigabit Ethernet, DVD±RW, 850W, Windows 7 Professional 64-bit/Windows



Price details:

Price excl. VAT: 1,685.32 €

Eco fees: 0.00 €

VAT 21 %: 353.92 €

Product details:

Product code: 30A9001HMB

EAN: 0889233768266

Manufacturer: Lenovo

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2,039.24 €

Product is discontinued. You can not order it anymore.

* VAT included

Thermal Design: Elegant & Efficient.

Patented tri-channel cooling with just 3 system fans - as opposed to 10 that other workstations typically rely on - and a direct cooling air baffle directs fresh air into the CPU and memory. ThinkStation P700 delivers new technologies and design to keep your workstation cool and quiet.

Optional Flex Module

The innovative Flex Module lets you customize I/O ports, so you add only what you need. Using the 5.25" bays, you can mix and match components including an ultraslim ODD, 29-in-1 media card reader, Firewire, and eSATA.

Optional Flex Connector

The Flex Connector is a mezzanine card that fits into the motherboard and allows for expanded storage and I/O, without sacrificing the use of rear PCI. It supports SATA/SAS/PCIe advanced RAID solution. ThinkStation P700 includes one available connector.

Improved Design & Functionality

We've redesigned our ThinkStations. No more bulky handles, just a clean-looking, functional design. Integrated handles make it easier to carry and move they systems, or place into a rack.

ISV-Certification

ThinkStation P700 is certified to run key professional independent software vendor (ISV) applications, including Adobe, Autodesk®, Dassault, PTC, SolidWorks, Avid, and Siemens. Additionally, this workstation includes error correcting code (ECC) memory, which drastically reduces the possibility of memory-related errors and critical data loss.

Multiple Monitor Display

Maximize productivity with independent display support for up to three independent monitors using Mosaic Mode with integrated Intel® graphics. Plus, connect to up to 16 independent monitors with 1.2 stream cloning mode.

Fast Data Transfer

With USB 3.0 ports, you can move data quickly between your workstation and other devices. SuperSpeed USB 3.0 enables file transfer up to 10 times faster than previous USB technologies, which allows for lightning-fast copying of large media files, as well as seamless connections between audio- and video-related devices. Backward-compatible with USB 2.0 devices.

Modular Components & Tool-Free Expandability

Innovative modular design makes tool-less upgrades a snap, especially with Flex Trays for fully configurable storage and interchangeable power supplies and graphics cards - especially beneficial when working with multiple workstations.

Unmatched Reliability

The ThinkStation P700 continues the long legacy of unmatched reliability touted by Lenovo single and dual processor workstations. It's built with the same efficient thermal design and employs a cooling process that makes ThinkStation workstations stand out from the competition.

Green Leadership

ThinkStation P700 tower is GREENGUARD® certified and features a fixed power supply unit (PSU) - with a choice of either 650W or 850W that's 92% efficient.

Priority Technical Support

You demand a lot from your system and Lenovo Services help you stay productive. Bypass basic troubleshooting support with direct access to advanced-level technicians to resolve issues quickly. Add Priority Technical Support to your purchase.

Main specifications:

Processor

Processor frequency:	2.4 GHz
Processor family:	Intel Xeon E5 v3
Processor model:	E5-2620V3
Processor cores:	6
Number of processors installed:	1
Processor boost frequency:	3.2 GHz
Processor socket:	LGA 2011-v3
Processor cache:	15 MB
Processor cache type:	Smart Cache
System bus rate:	8 GT/s
Processor threads:	12
PCI Express slots version:	3.0
Processor lithography:	22 nm
Processor operating modes:	64-bit
Stepping:	R2
Bus type:	QPI
Number of QPI links:	2
Processor codename:	Haswell
Thermal Design Power (TDP):	85 W
Processor series:	Intel Xeon E5-2600 v3
FSB Parity:	N
Maximum number of PCI Express lanes:	40
PCI Express configurations:	x4, x8, x16
Tcase:	72.6 °C
Maximum internal memory supported by processor:	168 GB
Conflict Free processor:	N
Memory types supported by processor:	DDR4-SDRAM
Memory clock speeds supported by processor:	1600,1866 MHz
Memory bandwidth supported by processor (max):	59 GB/s
Memory channels supported by processor:	Quad
ECC supported by processor:	Y

Memory

Internal memory:	8 GB
Internal memory type:	DDR4-SDRAM
Maximum internal memory:	192 GB
Memory layout (slots x size):	1 x 8 GB
Memory slots:	12x DIMM
Memory clock speed:	2133 MHz
ECC:	Y

Storage

Total storage capacity:	256 GB
Card reader integrated:	Y
Storage media:	SSD
Number of SSDs installed:	1
Solid-state drive capacity:	256 GB
Solid-state drive interface:	Serial ATA III
RAID support:	Y
RAID levels:	0,1,5,10

Graphics

On-board graphics adapter:	N
Discrete graphics adapter model:	Not available
On-board graphics adapter model:	Not available

Optical drive

Optical drive type:	DVD±RW
Optical drives quantity:	1
Networking	
Ethernet LAN:	Y
Ethernet LAN data rates:	10,100,1000 Mbit/s
Cabling technology:	10/100/1000Base-T(X)
Ports & interfaces	
USB 2.0 ports quantity:	4
USB 3.0 (3.1 Gen 1) Type-A ports quantity:	8
DVI port:	N
Ethernet LAN (RJ-45) ports:	1
Microphone in:	Y
Headphone outputs:	1
PS/2 ports quantity:	2
Line-in:	Y
Line-out:	Y
Serial ports quantity:	1
Expansion slots	
PCI Express x4 (Gen 2.x) slots:	1
PCI Express x8 slots:	1
PCI Express x16 (Gen 1.x) slots:	3
PCI slots:	1
Design	
Colour of product:	Black
Chassis type:	Tower
Water cooling system:	N
Number of 3.5" bays:	4
Number of 5.25" bays:	2
Performance	
Product type:	Workstation
Motherboard chipset:	Intel C612
Audio system:	HD
Software	
Operating system installed:	Windows 7 Professional
Operating system architecture:	64-bit
Recovery operating system:	Windows 8.1
Processor special features	
Intel® vPro® Technology:	Y
Intel® Small Business Advantage (Intel® SBA):	N
Intel® Wireless Display (Intel® WiDi):	N
Intel 64:	Y
Enhanced Intel SpeedStep Technology:	Y
Embedded options available:	Y
Intel® InTru® 3D Technology:	N
Intel® Insider®:	N
Intel® Clear Video HD Technology (Intel® CVT™ HD):	N
Intel Clear Video Technology:	N
Intel VT-x with Extended Page Tables (EPT):	Y
Intel TSX-NI:	N
Idle States:	Y
Thermal Monitoring Technologies:	Y
Intel® AES New Instructions (Intel® AES-NI):	Y
Intel® Secure Key:	Y
Intel® OS Guard:	Y
Intel Trusted Execution Technology:	Y
Execute Disable Bit:	Y
Intel FDI Technology:	N
Intel Flex Memory Access:	N
Intel Fast Memory Access:	N
Intel® Smart Cache:	Y
Intel Enhanced Halt State:	Y
Intel Demand Based Switching:	Y
Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID):	N
Processor package size:	52.5 mm

Supported instruction sets:	AVX
Processor code:	SR207
Scalability:	2S
Physical Address Extension (PAE):	Y
Physical Address Extension (PAE):	46 bit
CPU configuration (max):	2
Intel Virtualization Technology for Directed I/O (VT-d):	Y
Intel Identity Protection Technology version:	0.00
Intel Secure Key Technology version:	1.00
Intel Virtualization Technology (VT-x):	Y
Intel TSX-NI version:	0.00
Intel Dual Display Capable Technology:	N
Intel Rapid Storage Technology:	N
Processor ARK ID:	83352
Intel® Smart Response Technology:	N
Intel® Rapid Start Technology:	N
Intel® Turbo Boost Technology:	2.0
Intel Smart Connect Technology:	N
Intel® Hyper Threading Technology (Intel® HT Technology):	N
Intel® Quick Sync Video Technology:	N
Intel® My WiFi Technology (Intel® MWT):	N
Intel® Identity Protection Technology (Intel® IPT):	N
Intel® Anti-Theft Technology (Intel® AT):	N

Power

Power supply:	850 W
Power supply input frequency:	50/60 Hz
Power supply input voltage:	100 - 240 V

Certificates

Energy Star certified:	Y
EPEAT compliance:	Gold

Weight & dimensions

Width:	175 mm
Depth:	470 mm
Height:	440 mm
Weight:	23700 g

Packaging content

Display included:	N
Mouse included:	Y
Keyboard included:	Y

Other features

Intel® Virtualization Technology (Intel® VT):	VT-d,VT-x
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