

Lenovo ThinkStation P300 Tower (30AH001JMB)

Intel Core i7-4790 (3.60 GHz), 4GB RAM, 2000GB HDD, Intel HD 4600, Windows 7 Professional 64



Price details:

Price excl. VAT: 941.37 €

Eco fees: 0.12 €

VAT 21 %: 197.71 €

Product details:

Product code: 30AH001JMB

EAN: 0888772116149

Manufacturer: Lenovo

PDF generated on: 19 October, 2017



1,139.20 €

Product is discontinued. You can not order it anymore.

* VAT included

Tower Workstation

Tower workstations provide the ultimate performance with full-featured scalability, yet are sized at just 25 liters.

Optional Flex Module

The innovative Flex Module lets you customize I/O ports, so you add only what you need. With the 2 available 5.25" bays on the P300 Tower, you can mix and match components including an ultraslim ODD, 29-in-1 media card reader, Firewire, and eSATA - up to 8 configurations among an ODD, HDD, and Flex Module.

Improved Design & Functionality

We've redesigned our ThinkStations. No more bulky handles, just a clean-looking, functional design. An extended lip on the top lid that includes a red touch point, combined with a ledge on the back-side, make the P300 exceptionally easy to lift and carry.

Platform Stability

The P300 workstation features a 15-month life cycle with no planned hardware changes that affect the preloaded software image. Image stability for long-term deployments helps to reduce transition, qualification, and testing costs to ensure savings for your business.

ISV-Certification & Preloaded Software

ThinkStation P300 is certified to run many 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 6 USB 3.0 ports (two in the front and four in the rear), plus 3 USB 2.0 (one internal), 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.

Tool-Less Expandability

Upgrades are a cinch for IT staff, with convenient tool-free access to hardware. Especially beneficial when working with multiple workstations.

Solid Security & Manageability

ThinkStation P300 workstations include some of the best security tools available in the industry, including USB ports disablement to help prevent data theft and network security risks against unauthorized use of storage devices. The Trusted Platform Module (TPM) encrypts data and key information like passwords and digital certificates, further securing applications, electronic transactions, and online communication. A Kensington lock slot makes it easy to physically secure your workstation. Plus, Intel® vPro technology provides one-touch setup that allows deployment and configuration of the technology on up to two-thirds of your install base within minutes.

Unmatched Reliability

The ThinkStation P300 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 P300 tower is GREENGUARD® certified and features a fixed power supply unit (PSU) that's 450W and up to 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:	3.6 GHz
Processor family:	Intel Core i7-4xxx
Processor model:	i7-4790
Processor cores:	4
Number of processors installed:	1
Processor boost frequency:	4 GHz
Processor socket:	LGA 1150 (Socket H3)
Processor cache:	8 MB
Processor cache type:	Smart Cache
System bus rate:	5 GT/s
Processor threads:	8
PCI Express slots version:	3.0
Processor lithography:	22 nm
Processor operating modes:	32-bit,64-bit
Stepping:	C0
Bus type:	DMI
Processor codename:	Haswell
Thermal Design Power (TDP):	84 W
Processor series:	Intel Core i7-4700 Desktop series
FSB Parity:	N
Maximum number of PCI Express lanes:	16
PCI Express configurations:	1x16,2x8,1x8+2x4
Tcase:	72.72 °C
Maximum internal memory supported by processor:	32 GB
Conflict Free processor:	Y
Memory types supported by processor:	DDR3-SDRAM
Memory clock speeds supported by processor:	1333,1600 MHz
Memory bandwidth supported by processor (max):	25.6 GB/s
Memory channels supported by processor:	Dual
ECC supported by processor:	N

Memory

Internal memory:	4 GB
Internal memory type:	DDR3-SDRAM
Maximum internal memory:	32 GB
Memory layout (slots x size):	1 x 4 GB
Memory slots:	4x DIMM
Memory clock speed:	1600 MHz
Non-ECC:	Y

Storage

Total storage capacity:	2000 GB
Card reader integrated:	Y
Storage media:	HDD
Number of storage drives installed:	1
Number of hard drives installed:	1
Hard drive capacity:	2000 GB
Hard drive interface:	Serial ATA III

Hard drive speed: 7200 RPM
Hard drive size: 3.5 "

Graphics

On-board graphics adapter: Y
Discrete graphics adapter model: Not available
On-board graphics adapter model: Intel HD Graphics 4600
On-board graphics adapter family: Intel HD Graphics
On-board graphics adapter base frequency: 350 MHz
On-board graphics adapter dynamic frequency: 1200 MHz
Maximum on-board graphics adapter memory: 1.024 GB
Number of displays supported (on-board graphics): 2
On-board graphics adapter DirectX version: 11.1
On-board graphics adapter ID: 0x412

Optical drive

Optical drive type: DVD±RW
Optical drives quantity: 1

Networking

Ethernet LAN: Y
Wi-Fi: N
Ethernet LAN data rates: 10,100,1000 Mbit/s
Cabling technology: 10/100/1000Base-T(X)

Ports & interfaces

USB 2.0 ports quantity: 2
USB 3.0 (3.1 Gen 1) Type-A ports quantity: 6
VGA (D-Sub) ports quantity: 1
DVI port: N
Ethernet LAN (RJ-45) ports: 1
Microphone in: Y
Headphone outputs: 1
DisplayPorts quantity: 2
Line-in: Y
Line-out: Y
Serial ports quantity: 1

Expansion slots

PCI Express x1 (Gen 2.x) slots: 1
PCI Express x16 (Gen 2.x) slots: 1
PCI Express x16 (Gen 3.x) slots: 1
PCI slots: 1

Design

Colour of product: Black
Chassis type: Tower
Placement supported: Vertical
Number of 3.5" bays: 2
Number of 5.25" bays: 2

Performance

Product type: Workstation
Motherboard chipset: Intel C226
Audio system: HD

Software

Operating system installed: Windows 7 Professional
Operating system architecture: 64-bit

Processor special features

Intel® vPro® Technology: Y
Intel® Wireless Display (Intel® WiDi): Y
Intel 64: Y
Enhanced Intel SpeedStep Technology: Y
Embedded options available: N
Intel® InTru® 3D Technology: Y
Intel® Insider®: Y
Intel® Clear Video HD Technology (Intel® CVT™ HD): Y
Intel Clear Video Technology: N
Intel VT-x with Extended Page Tables (EPT): Y
Intel TSX-NI: Y

Idle States:	Y
Thermal Monitoring Technologies:	Y
Intel Stable Image Platform Program (SIPP):	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:	Y
Intel Flex Memory Access:	N
Intel Fast Memory Access:	N
Intel® Smart Cache:	Y
Intel Enhanced Halt State:	Y
Intel Demand Based Switching:	N
Intel® Clear Video Technology for Mobile Internet Net Devices (Intel CVT for MID):	Y
Processor package size:	37.5 mm
Supported instruction sets:	AVX 2.0,SSE4.1,SSE4.2
Processor code:	SR1QF
Scalability:	1S
CPU configuration (max):	1
Graphics & IMC lithography:	22 nm
Thermal solution specification:	PCG 2013D
Intel Virtualization Technology for Directed I/O (VT-d):	Y
Intel Identity Protection Technology version:	1.00
Intel Stable Image Platform Program (SIPP) version:	1.00
Intel Secure Key Technology version:	1.00
Intel Virtualization Technology (VT-x):	Y
Intel Small Business Advantage (SBA) version:	1.00
Intel TSX-NI version:	0.00
Intel Dual Display Capable Technology:	N
Intel Rapid Storage Technology:	N
Processor ARK ID:	80806
Intel® Turbo Boost Technology:	2.0
Intel® Hyper Threading Technology (Intel® HT Technology):	Y
Intel® Quick Sync Video Technology:	Y
Intel® My WiFi Technology (Intel® MWT):	Y
Intel® Identity Protection Technology (Intel® IPT):	Y
Intel® Anti-Theft Technology (Intel® AT):	Y

Power

Power supply:	280 W
Power supply input frequency:	50/60 Hz
Power supply input voltage:	100 - 240 V

Certificates

RoHS compliance:	Y
Energy Star certified:	Y
EPEAT compliance:	Gold

Weight & dimensions

Width:	175 mm
Depth:	426 mm
Height:	376 mm
Weight:	13000 g

Packaging content

Display included:	N
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Other features

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