

Lenovo ThinkStation D30 (RFG79MB)

Intel Xeon Processor E5-2620 v2 (15M Cache, 2.10 GHz), 8GB DDR3, 1TB HDD, DVD-RW, Gigabit Ethernet, 10 x USB 2.0, 2 x USB 3.0, 4 x RS-232, 1120 W, 27100 g, Black, Windows 7 Professional 64-bit



Price details:

Price excl. VAT: 1,453.01 €

Eco fees: 0.12 €

VAT 21 %: 305.16 €

Product details:

Product code: RFG79MB

EAN: 0888228273495

Manufacturer: Lenovo

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1,758.29 €

Product is discontinued. You can not order it anymore.

* VAT included

D30. EXTREME SPEED. POWERFUL GRAPHICS. COOL AND QUIET.

Designed to tackle the biggest challenges, the D30 delivers the ultimate in performance and expandability, and comes with Windows® 7 Professional as the standard OS. You can process more tasks faster with the latest generation of up to eight core Intel® Xeon® processors and supporting discrete Quadro and Tesla graphics technology from NVIDIA. From 3D product design and animation, to simulation and visualization, to heavy-duty number-crunching and software development, the D30 is designed for those who need to be more productive.

The D30 is designed to be reliable and to make your work environment pleasant, with a unique tri-channel cooling system that keeps things cool on the inside and quiet on the outside. And the D30 allows you to multitask more than ever, supporting up to 16 DIMMS and 1600-MHz memory performance. It also proves that high performance can come in a green package, offering up to 90-percent power efficiency and ENERGY STAR 5.0 certification.

The D30 supports up to two Intel® Xeon® E5 2600 series processors with Turbo Boost Technology, and comes preloaded with Windows® 7 Professional. It supports up to 256GB of Error Correcting Code (ECC) memory @ 1600MHz, and up to an 1120W power supply for all the juice your key components need to maintain peak performance.

Main specifications:

Processor

Processor frequency:	2.1 GHz
Processor family:	Intel Xeon E5 v2
Processor model:	E5-2620V2
Processor cores:	6
Number of processors installed:	1
Processor boost frequency:	2.6 GHz
Processor socket:	LGA 2011 (Socket R)
Processor cache:	15 MB
Processor cache type:	Smart Cache
System bus rate:	7.2 GT/s
Processor threads:	12
PCI Express slots version:	3.0
Processor lithography:	22 nm
Processor operating modes:	64-bit
Bus type:	QPI
Number of QPI links:	2
Processor codename:	Ivy Bridge EP
Thermal Design Power (TDP):	80 W
Processor series:	Intel Xeon E5-2600 v2
FSB Parity:	N

Maximum number of PCI Express lanes:	40
PCI Express configurations:	x4, x8, x16
Tcase:	71 °C
Maximum internal memory supported by processor:	32 GB
Conflict Free processor:	N
Memory types supported by processor:	DDR3-SDRAM
Memory clock speeds supported by processor:	800,1066,1333,1600 MHz
Memory bandwidth supported by processor (max):	51.2 GB/s
Memory channels supported by processor:	Quad
ECC supported by processor:	Y

Memory

Internal memory:	8 GB
Internal memory type:	DDR3-SDRAM
Maximum internal memory:	16 GB
Memory layout (slots x size):	2 x 4 GB
Memory clock speed:	1600 MHz
ECC:	Y

Storage

Total storage capacity:	1000 GB
Card reader integrated:	Y
Storage media:	HDD
Number of hard drives installed:	1
Hard drive capacity:	1000 GB
Hard drive interface:	Serial ATA
Hard drive speed:	7200 RPM
Hard drive size:	3.5 "

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)
Wake-on-LAN ready:	Y

Ports & interfaces

USB 2.0 ports quantity:	10
USB 3.0 (3.1 Gen 1) Type-A ports quantity:	2
Ethernet LAN (RJ-45) ports:	2
Microphone in:	Y
Headphone outputs:	1
Line-in:	Y
Line-out:	Y
Serial ports quantity:	4

Design

Colour of product:	Black
Chassis type:	Tower
Placement supported:	Vertical
Water cooling system:	N

Performance

Product type:	Workstation
Motherboard chipset:	Intel C602

Software

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

Processor special features

Intel® vPro® Technology:	Y
Intel® Wireless Display (Intel® WiDi):	N
Intel 64:	Y
Enhanced Intel SpeedStep Technology:	Y
Embedded options available:	N
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
Idle States:	Y
Thermal Monitoring Technologies:	Y
Intel® AES New Instructions (Intel® AES-NI):	Y
Intel® Secure Key:	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 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
Scalability:	2S
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:	75789
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:	1120 W
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Weight & dimensions

Width:	210 mm
Depth:	602 mm
Height:	485 mm
Weight:	27100 g

Packaging content

Display included:	N
Keyboard layout:	AZERTY
Mouse included:	Y