

Lenovo ThinkServer RD350 server (70QM000AEA)

Intel Xeon E5-2609 v4 (20M Cache, 1.70 GHz), 8GB 2133MHz RDIMM, 8x 2.5" O/B SATA HS, RAID 110i, DVDRW, TSM, 1x 450W Gold HS PSU, 1U Rack



Price details:

Price excl. VAT: 1,685.01 €

Eco fees: 0.08 €

VAT 21 %: 353.87 €

Product details:

Product code: 70QM000AEA

EAN: 0190151939110

Manufacturer: Lenovo

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2,038.96 €

* VAT included

A highly efficient, 1U rack server loaded with built-in features at a great price

BALANCED PERFORMANCE

What does balanced performance mean? It means the Lenovo ThinkServer RD350 is loaded with the features you need and nothing you don't - all in a slim, 1U design. Up to two Intel Xeon E5-2600 v3 Series processors give you outstanding performance so your employees can be even more productive. With reliability features such as hot-swap hard drives, embedded RAID and hot-swap and redundant power, you get peace of mind that your data is safe and your system will stay up and running. This enterprise-class server has just the right amount of computing power for your infrastructure, collaboration and line-of-business applications.

BUILT-IN VALUE

When you think of value in the server space, you expect a rich set of features for a great price. That's what you get with the ThinkServer RD350. The latest Intel Xeon processors, along with next-gen DDR4 memory, provide performance advantages over the previous generations. With DDR4 you get up to a 50 percent boost in performance and can see up to 50 percent power savings over previous-generation memory. You'll also find generous storage capacity with support for up to eight hot-swap hard drives. Enjoy enterprise-quality performance with the right built-in features in a scalable, 1U power-efficient solution - at a budget-friendly price. Now that's value.

NEW MANAGEMENT TOOLS

Gain access to a suite of new, intuitive management tools enabling you to get the most from your ThinkServer systems throughout their lifecycle. Completely redesigned for next-generation ThinkServer systems, these tools help you increase productivity, reduce operational cost and lower overall total cost of ownership. You will find tools for configuration and deployment, energy management and power planning. With the RD350, Partner Packs for Microsoft and VMware are also available so you can use your existing management tools - or try ours - many at no additional cost.

Main specifications:

Processor

Processor frequency:	1.7 GHz
Processor family:	Intel Xeon E5 v4
Processor model:	E5-2609V4
Processor cores:	8
Number of processors installed:	1
Processor cache type:	Smart Cache
Processor cache:	20 MB
System bus rate:	6.4 GT/s
Processor manufacturer:	Intel
Maximum number of SMP processors:	2
Compatible processor series:	Xeon

Processor socket:	LGA 2011-v3
Processor lithography:	14 nm
Processor threads:	8
Processor operating modes:	64-bit
Stepping:	R0
FSB Parity:	N
Bus type:	QPI
Number of QPI links:	2
Processor codename:	Broadwell
Tcase:	74 °C
Maximum internal memory supported by processor:	536 GB
Memory types supported by processor:	DDR4-SDRAM
Memory clock speeds supported by processor:	1600,1866 MHz
Memory bandwidth supported by processor (max):	59.7 GB/s
Memory channels supported by processor:	Quad
ECC supported by processor:	Y
Execute Disable Bit:	Y
Idle States:	Y
Thermal Monitoring Technologies:	Y
Maximum number of PCI Express lanes:	40
Processor package size:	52.5 x 51 mm
Supported instruction sets:	AVX 2.0
Processor code:	SR2P1
Scalability:	2S
Physical Address Extension (PAE):	Y
Physical Address Extension (PAE):	46 bit
Embedded options available:	Y
Thermal Design Power (TDP):	85 W
Processor series:	Intel Xeon E5-2600 v4
Conflict Free processor:	Y

Memory

Internal memory:	8 GB
Internal memory type:	DDR4-SDRAM
Maximum internal memory:	512 GB
Memory slots:	16
Memory clock speed:	2133 MHz
Memory layout (slots x size):	1 x 8 GB

Storage

RAID support:	Y
Maximum storage capacity:	9.6 TB
RAID levels:	0,1,10
Internal drive bays:	8
Supported hard disk drive sizes:	2.5 "
Hot-swap:	Y

Networking

Ethernet LAN:	Y
Cabling technology:	10/100/1000Base-T(X)
Ethernet interface type:	Gigabit Ethernet

Ports & interfaces

USB 2.0 ports quantity:	2
VGA (D-Sub) ports quantity:	1
Ethernet LAN (RJ-45) ports:	2
Serial ports quantity:	1
USB 3.0 (3.1 Gen 1) Type-A ports quantity:	2
DisplayPorts quantity:	1

Expansion slots

PCI Express x16 (Gen 3.x) slots:	3
PCI Express slots version:	3.0

Design

Chassis type:	Rack (1U)
Optical drive type:	DVD±RW
Redundant fans support:	Y

Performance

Compatible operating systems:	Microsoft Windows Server 2012 R2, Microsoft Windows Server 2012, Microsoft Windows Server 2008 R2, SUSE, Linux Enterprise Server, Red Hat Enterprise Linux Server, VMware ESXi
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Processor special features

CPU configuration (max):	2
Intel Rapid Storage Technology:	N
Enhanced Intel SpeedStep Technology:	Y
Intel® Identity Protection Technology (Intel® IPT):	N
Intel® Wireless Display (Intel® WiDi):	N
Intel Virtualization Technology for Directed I/O (VT-d):	Y
Intel® Anti-Theft Technology (Intel® AT):	N
Intel® Hyper Threading Technology (Intel® HT Technology):	N
Intel® My WiFi Technology (Intel® MWT):	N
Intel® Turbo Boost Technology:	N
Intel® vPro® Technology:	Y
Intel® Quick Sync Video Technology:	N
Intel® InTru® 3D Technology:	N
Intel® Clear Video HD Technology (Intel® CVT HD):	N
Intel® Insider®:	N
Intel Flex Memory Access:	N
Intel® Smart Cache:	Y
Intel® AES New Instructions (Intel® AES-NI):	Y
Intel Trusted Execution Technology:	Y
Intel Enhanced Halt State:	Y
Intel VT-x with Extended Page Tables (EPT):	Y
Intel Demand Based Switching:	Y
Intel® Secure Key:	Y
Intel TSX-NI:	Y
Intel® OS Guard:	Y
Intel Clear Video Technology:	N
Intel® Clear Video Technology for Mobile Internet Net Devices (Intel CVT for MID):	N
Intel 64:	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 FDI Technology:	N
Intel Fast Memory Access:	N
Processor ARK ID:	92990

Power

Redundant power supply (RPS) support:	Y
Power supply:	450 W
Number of main power supplies:	1

Operational conditions

Operating temperature (T-T):	10 - 35 °C
Storage temperature (T-T):	-10 - 60 °C
Operating relative humidity (H-H):	8 - 90 %
Storage relative humidity (H-H):	8 - 90 %
Operating altitude:	0 - 3048 m

Weight & dimensions

Width:	482 mm
Depth:	803 mm
Height:	43 mm

Other features

Graphics adapter:	AST2400
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