

Lenovo ThinkCentre M83 (10E90001MB)

ThinkCentre M83 Tiny, Intel Core i5-4590T (35W, 2.00GHz Turbo, 6MB Cache, 1600MHz), 4GB DDR3L, 500GB HDD 7200rpm, HD Graphics 4600, Gigabit Ethernet (I217-LM), 802.11a/b/g/n, Bluetooth 4.0, Windows 7 Professional 64-bit/Windows 8.1 Pro 64-bit



Price details:

Price excl. VAT: 627.18 €

Eco fees: 0.12 €

VAT 21 %: 131.73 €

Product details:

Product code: 10E90001MB

EAN: 0888965377036

Manufacturer: Lenovo

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759.03 €

* VAT included

Tiny Form Factor

Our tiny desktops were the first 1L desktop in the industry. Complete with flexible mounting solutions, including support for standard VESA mounts, Tiny desktops fit just about anywhere, yet they provide a reliable, enterprise-level performance that you can depend on.

Platform Stability

The M83 desktop features Intel Stable Image Platform Program (SIPP) and 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.

Multiple Monitor Display

Maximize productivity with independent display support for up to three monitors-or four via Mosaic Mode. The expanded work area and easier navigation between applications helps reduce errors and improve productivity as you extend your desktop across multiple monitors. (Requires second optional DisplayPort connectors.)

Solid Security & Manageability

M83 Tiny desktops 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. Active Protection System for HDD protection. Trusted Platform Module (TPM) encrypts data and key information like passwords and digital certificates, further securing applications, electronic transactions, and online communication. Plus the M83 desktop includes an optional chassis intrusion switch, which alerts against any unauthorized access attempts. Physical security through cable lock and Computrace Support.

Advanced Thermal Design

Our Intelligent Cooling Engine (ICE) 3.0 is designed to provide a balance between thermals and acoustics, resulting in long desktop life. Choose the performance mode that best suits your work environment, prioritizing temperature or sound. Plus, ICE 3.0 allows for working in hotter temperatures and enables system monitoring with thermal alerts that preempt overheating possibilities, so you don't have to worry about business continuity.

Keyboard / Monitor Power-On

If you choose to mount this compact unit on the back of your monitor, you can still power on conveniently from the front, by simply pressing Alt+P on your keyboard. Or use the M83 Tiny with our new modular all-in-one, the Tiny-in-One 23, which lets you power on from the front of the monitor.

Plenty of Storage

The M83 includes optional second HDD (2.5 inches) and dual graphic card support. Up to three hard drives and one slim ODD supported.

PC Cloud Manager 3.0

Keep your PC fleet healthy and green as you effortlessly monitor and manage your desktop's health and power consumption.

Lenovo Solution Center

Lenovo Solution Center provides access to a simplified dashboard that reflects total system health. This hardware diagnostic tool allows quick access to frequently used system management tools, including backup and restore, antivirus and firewall settings, system/software updates, internet connections, and service and support. Drastically speed migration time with ThinkVantage System Migration Assistant. Spend less time manually searching for drivers and software updates with ThinkVantage System Update.

Green Leadership

Cisco EnergyWise certification enables enterprise-level power monitoring and Lenovo Desktop Power Manager puts you in control of saving energy and keeping costs down. Plus, with ratings like ENERGY STAR 5.2, ULE Gold, EPEAT Gold, and 92% efficiency with 80+ Platinum power supply unit (PSU), you can feel good about helping the planet and your bottom line.

Main specifications:

Processor

Processor frequency:	2 GHz
Processor family:	Intel Core i5-4xxx
Processor model:	i5-4590T
Processor cores:	4
Number of processors installed:	1
Processor boost frequency:	3 GHz
Processor socket:	LGA 1150 (Socket H3)
Processor cache:	6 MB
Processor cache type:	Smart Cache
System bus rate:	5 GT/s
Processor threads:	4
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):	35 W
Processor series:	Intel Core i5-4500 Desktop series
FSB Parity:	N
Maximum number of PCI Express lanes:	16
PCI Express configurations:	1x16,2x8,1x8+2x4
Tcase:	66.35 °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:	DDR3L-SDRAM
Maximum internal memory:	16 GB
Memory layout (slots x size):	1 x 4 GB
Memory slots:	2x DIMM
Memory clock speed:	1600 MHz

Storage

Total storage capacity:	500 GB
Card reader integrated:	N
Storage media:	HDD
Number of storage drives installed:	1
Number of hard drives installed:	1
Hard drive capacity:	500 GB
Hard drive interface:	Serial ATA
Hard drive speed:	7200 RPM
Hard drive size:	2.5 "

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 (max):	1150 MHz
Maximum on-board graphics adapter memory:	1.024 GB
Number of displays supported (on-board graphics):	3
On-board graphics adapter DirectX version:	11.1
On-board graphics adapter ID:	0x412

Optical drive

Optical drive type:	N
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Networking

Ethernet LAN:	Y
Wi-Fi:	Y
Ethernet LAN data rates:	10,100,1000 Mbit/s
Cabling technology:	10/100/1000Base-T(X)
Wi-Fi standards:	802.11a,802.11b,802.11g,802.11n
Bluetooth:	Y
Bluetooth version:	4.0

Ports & interfaces

USB 2.0 ports quantity:	1
USB 3.0 (3.1 Gen 1) Type-A ports quantity:	4
VGA (D-Sub) ports quantity:	1
DVI port:	N
Ethernet LAN (RJ-45) ports:	1
Microphone in:	Y
Headphone outputs:	1
DisplayPorts quantity:	2
DC-in jack:	Y

Design

Colour of product:	Black
Chassis type:	1L sized PC
Placement supported:	Horizontal/Vertical
Water cooling system:	N
Cable lock slot:	Y
Cable lock slot type:	Kensington
Intel segment tagging:	Enterprise,Professional

Performance

Product type:	Mini PC (
Motherboard chipset:	Intel Q85
Audio system:	Realtek ALC233

Software

Operating system installed:	Windows 7 Professional
Operating system architecture:	64-bit
Recovery operating system:	Windows 8.1 Pro

Processor special features

Intel® vPro® Technology:	Y
Intel® Small Business Advantage (Intel® SBA):	N
Intel® Wireless Display (Intel® WiDi):	Y
Intel 64:	Y
Enhanced Intel SpeedStep Technology:	Y
Embedded options available:	Y

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 Devices (Intel CVT for MID):	Y
Processor package size:	37.5 mm
Supported instruction sets:	AVX 2.0,SSE4.1,SSE4.2
Processor code:	SR1S6
Scalability:	1S
CPU configuration (max):	1
Graphics & IMC lithography:	22 nm
Thermal solution specification:	PCG 2013A
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:	78928
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}):	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:	65 W
Power supply input frequency:	50/60 Hz
Power supply input voltage:	100 - 240 V

Certificates

RoHS compliance:	Y
Certification:	GREENGUARD, ErP 3, UL Gold, TUV
Energy Star certified:	Y
EPEAT compliance:	Gold

Weight & dimensions

Width:	179 mm
Depth:	182 mm
Height:	34.5 mm
Weight:	1300 g

Packaging content

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

Other features

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