Lenovo

Lenovo ThinkCentre M800z Intel® Core™ i5 i5-6500 54.6 cm (21.5") 1920 x 1080 pixels Touchscreen All-in-One PC 4 GB DDR4-SDRAM 500 GB HDD Windows 7 Professional Black

Brand : Lenovo   **Product family:** ThinkCentre   **Product code:** 10ET0002US

Product name : M800z

Intel Core i5-6500 3.6GHz, Integrated Intel HD Graphics 530, 4GB DDR4, 21.5", 1920x1080, WVA Anti-glare, 10-point Multi-touch, 500GB HDD 2.5", DVD±RW, 802.11ac, Bluetooth 4.1, 150W 85% Adapter, Windows 10(Downgrade Windows 7 Professional 64-bit)
Lenovo ThinkCentre M800z. Product type: All-in-One PC. Display diagonal: 54.6 cm (21.5"), HD type: Full HD, Display resolution: 1920 x 1080 pixels, Touchscreen. Processor family: Intel® Core™ i5, Processor frequency: 3.2 GHz. Internal memory: 4 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 500 GB, Storage media: HDD. Built-in camera. Optical drive type: DVD±RW. Operating system installed: Windows 7 Professional. Product colour: Black

Display

Display diagonal *	54.6 cm (21.5")
Display resolution *	1920 x 1080 pixels
Touchscreen *	✓
HD type *	Full HD
LED backlight	✓
Native aspect ratio	16:9
Display surface	Matt
Screen shape	Flat

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i5
Processor generation	6th gen Intel® Core™ i5
Processor model *	i5-6500
Processor cores	4
Processor threads	4
Processor boost frequency	3.6 GHz
Processor frequency *	3.2 GHz
Processor cache	6 MB
Processor cache type	Smart Cache
System bus rate	8 GT/s
Thermal Design Power (TDP)	65 W
PCI Express slots version	3.0
Processor socket	LGA 1151 (Socket H4)
Processor lithography	14 nm
Processor operating modes	64-bit
Stepping	R0
Bus type	DMI3
Processor codename	Skylake

Ports & interfaces

Headphone outputs	1
Microphone in	✓
Combo headphone/mic port	✓
USB Sleep-and-Charge	✓
USB Sleep-and-Charge ports	1

Design

Product colour *	Black

Performance

Product type *	All-in-One PC
Trusted Platform Module (TPM)	✓

Software

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

Processor special features

Intel® Turbo Boost Technology	2.0
Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Intel® Identity Protection Technology (Intel® IPT)	✓
Intel® Wireless Display (Intel® WiDi)	✓
Enhanced Intel SpeedStep Technology	✓
Intel® Quick Sync Video Technology	✓
Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Intel Clear Video Technology	✓
Intel® Insider™	✓

Processor

Processor series	Intel Core i5-6500 Desktop series
Maximum number of PCI Express lanes	16
PCI Express configurations	1x16, 2x8, 1x8+2x4
Processor code	SR2BX
Tcase	71 °C
Maximum internal memory supported by processor	64 GB
Conflict-Free processor	✓
Memory types supported by processor	DDR3L-SDRAM, DDR4-SDRAM
Memory clock speeds supported by processor	2133,1333,1600,1866 MHz
Memory bandwidth supported by processor (max)	34.1 GB/s
Memory channels supported by processor	Dual
ECC supported by processor	✗
Memory voltage supported by processor	1.35 V

Memory

Internal memory *	4 GB
Internal memory type	DDR4-SDRAM
Maximum internal memory *	32 GB
Memory slots	2
Memory slots type	SO-DIMM
Memory form factor	DIMM/SO-DIMM

Storage

Total storage capacity *	500 GB
Storage media *	HDD
Optical drive type *	DVD±RW
Card reader integrated	✓

Graphics

Discrete graphics card *	✗
On-board graphics card *	✓
On-board graphics card model *	Intel® HD Graphics 530
On-board graphics card base frequency	350 MHz
On-board graphics card dynamic frequency (max)	1050 MHz
Maximum on-board graphics card memory	1.74 GB
Number of displays supported (on-board graphics)	3
On-board graphics card DirectX version	12.0
On-board graphics card OpenGL version	4.4
On-board graphics card ID	1912

Audio

Built-in speaker(s) *	✓
RMS rated power	4 W

Camera

Built-in camera *	✓

Network

Wi-Fi *	✓
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)
Ethernet LAN *	✓
Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth *	✓

Processor special features

Intel® InTru™ 3D Technology	✓
Intel® Smart Cache	✓
Intel® AES New Instructions (Intel® AES-NI)	✓
Intel Trusted Execution Technology	✓
Intel Enhanced Halt State	✓
Intel VT-x with Extended Page Tables (EPT)	✓
Intel® Secure Key	✓
Intel TSX-NI	✓
Intel Stable Image Platform Program (SIPP)	✓
Intel® OS Guard	✓
Intel Software Guard Extensions (Intel SGX)	✓
Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Intel 64	✓
Execute Disable Bit	✓
Idle States	✓
Thermal Monitoring Technologies	✓
Processor package size	37.5 x 37.5 mm
Supported instruction sets	SSE4.2, AVX 2.0, SSE4.1
Scalability	1S
CPU configuration (max)	1
Embedded options available	✓
Graphics & IMC lithography	14 nm
Thermal solution specification	PCG 2015C
Intel Virtualization Technology for Directed I/O (VT-d)	✓
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)	✓
Intel Small Business Advantage (SBA) version	1.00
Intel TSX-NI version	1.00
Processor ARK ID	88184

Power

AC adapter power	150 W

Weight & dimensions

Width (with stand)	535 mm
Depth (with stand)	253 mm
Height (with stand)	489 mm
Weight (with stand)	7.7 kg
Width (without stand)	535 mm
Depth (without stand)	363 mm
Height (without stand)	45 mm

Packaging content

Mouse included	✓
Keyboard included	✓

Other features

Autonomy mode	✗
Detachable display	✗

Ports & interfaces

Ethernet LAN (RJ-45) ports	1
USB 2.0 ports quantity *	4
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2