



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		Ports & interfaces	
Display diagonal *	54.6 cm (21.5")	Headphone outputs	1
Display resolution *	1920 x 1080 pixels	Microphone in	✓
Touchscreen *	✓	Combo headphone/mic port	✓
HD type *	Full HD	USB Sleep-and-Charge	✓
LED backlight	✓	USB Sleep-and-Charge ports	1
Native aspect ratio	16:9	Design	
Display surface	Matt	Product colour *	Black
Screen shape	Flat	Performance	
Processor		Product type *	All-in-One PC
Processor manufacturer *	Intel	Trusted Platform Module (TPM)	✓
Processor family *	Intel® Core™ i5	Software	
Processor generation	6th gen Intel® Core™ i5	Operating system architecture	64-bit
Processor model *	i5-6500	Operating system installed *	Windows 7 Professional
Processor cores	4	Processor special features	
Processor threads	4	Intel® Turbo Boost Technology	2.0
Processor boost frequency	3.6 GHz	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Processor frequency *	3.2 GHz	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor cache	6 MB	Intel® Wireless Display (Intel® WiDi)	✓
Processor cache type	Smart Cache	Enhanced Intel SpeedStep Technology	✓
System bus rate	8 GT/s	Intel® Quick Sync Video Technology	✓
Thermal Design Power (TDP)	65 W	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
PCI Express slots version	3.0	Intel Clear Video Technology	✓
Processor socket	LGA 1151 (Socket H4)	Intel® Insider™	✓
Processor lithography	14 nm		
Processor operating modes	64-bit		
Stepping	R0		
Bus type	DMI3		
Processor codename	Skylake		

Processor		Processor special features	
Processor series	Intel Core i5-6500 Desktop series	Intel® InTru™ 3D Technology	✓
Maximum number of PCI Express lanes	16	Intel® Smart Cache	✓
PCI Express configurations	1x16, 2x8, 1x8+2x4	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor code	SR2BX	Intel Trusted Execution Technology	✓
Tcase	71 °C	Intel Enhanced Halt State	✓
Maximum internal memory supported by processor	64 GB	Intel VT-x with Extended Page Tables (EPT)	✓
Conflict-Free processor	✓	Intel® Secure Key	✓
Memory types supported by processor	DDR3L-SDRAM, DDR4-SDRAM	Intel TSX-NI	✓
Memory clock speeds supported by processor	2133,1333,1600,1866 MHz	Intel Stable Image Platform Program (SIPP)	✓
Memory bandwidth supported by processor (max)	34.1 GB/s	Intel® OS Guard	✓
Memory channels supported by processor	Dual	Intel Software Guard Extensions (Intel SGX)	✓
ECC supported by processor	✗	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Memory voltage supported by processor	1.35 V	Intel 64	✓
Memory		Execute Disable Bit	✓
Internal memory *	4 GB	Idle States	✓
Internal memory type	DDR4-SDRAM	Thermal Monitoring Technologies	✓
Maximum internal memory *	32 GB	Processor package size	37.5 x 37.5 mm
Memory slots	2	Supported instruction sets	SSE4.2, AVX 2.0, SSE4.1
Memory slots type	SO-DIMM	Scalability	15
Memory form factor	DIMM/SO-DIMM	CPU configuration (max)	1
Storage		Embedded options available	✓
Total storage capacity *	500 GB	Graphics & IMC lithography	14 nm
Storage media *	HDD	Thermal solution specification	PCG 2015C
Optical drive type *	DVD±RW	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Card reader integrated	✓	Intel Identity Protection Technology version	1.00
Graphics		Intel Stable Image Platform Program (SIPP) version	1.00
Discrete graphics card *	✗	Intel Secure Key Technology version	1.00
On-board graphics card *	✓	Intel Virtualization Technology (VT-x)	✓
On-board graphics card model *	Intel® HD Graphics 530	Intel Small Business Advantage (SBA) version	1.00
On-board graphics card base frequency	350 MHz	Intel TSX-NI version	1.00
On-board graphics card dynamic frequency (max)	1050 MHz	Processor ARK ID	88184
Maximum on-board graphics card memory	1.74 GB	Power	
Number of displays supported (on-board graphics)	3	AC adapter power	150 W
On-board graphics card DirectX version	12.0	Weight & dimensions	
On-board graphics card OpenGL version	4.4	Width (with stand)	535 mm
On-board graphics card ID	1912	Depth (with stand)	253 mm
Audio		Height (with stand)	489 mm
Built-in speaker(s) *	✓	Weight (with stand)	7.7 kg
RMS rated power	4 W	Width (without stand)	535 mm
Camera		Depth (without stand)	363 mm
Built-in camera *	✓	Height (without stand)	45 mm
Network		Packaging content	
Wi-Fi *	✓	Mouse included	✓
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)	Keyboard included	✓
Ethernet LAN *	✓	Other features	
Ethernet LAN data rates	10,100,1000 Mbit/s	Autonomy mode	✗
Bluetooth *	✓	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

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