



Lenovo ThinkCentre M71z Intel® Core™ i7 i7-2600S 50,8 cm (20") 1600 x 900 pixels Touchscreen 8 GB DDR3-SDRAM 500 GB HDD Windows 7 Professional Black

Brand : Lenovo

Product family: ThinkCentre

Article code: 1761C5U

Product name : M71z

Lenovo ThinkCentre M71z. Display diagonal: 50,8 cm (20"), HD type: HD+, Display resolution: 1600 x 900 pixels, Touchscreen. Processor family: Intel® Core™ i7, Processor frequency: 2,8 GHz. Internal memory: 8 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 500 GB, Storage media: HDD. On-board graphics card model: Intel® HD Graphics 2000. Built-in camera. Optical drive type: DVD-RW. Operating system installed: Windows 7 Professional. Product color: Black



Display		Ports & interfaces	
Display diagonal *	50,8 cm (20")	Headphone outputs	1
Display resolution *	1600 x 900 pixels	Microphone in	✓
Touchscreen *	✓	Design	
Full HD	✗	Product color *	Black
HD type *	HD+	Performance	
LED backlight	✓	Motherboard chipset	Intel® H61
Native aspect ratio	16:9	Trusted Platform Module (TPM)	✓
Display brightness	250 cd/m²	Software	
Processor		Operating system architecture	64-bit
Processor manufacturer *	Intel	Operating system installed *	Windows 7 Professional
Processor family *	Intel® Core™ i7	Processor special features	
Processor generation	2nd gen Intel® Core™ i7	Intel® Turbo Boost Technology	2.0
Processor model *	i7-2600S	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor cores	4	Intel® My WiFi Technology (Intel® MWT)	✗
Processor threads	8	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor boost frequency	3,8 GHz	Intel® Anti-Theft Technology (Intel® AT)	✗
Processor frequency *	2,8 GHz	Intel® Wireless Display (Intel® WiDi)	✗
Processor cache	8 MB	Enhanced Intel SpeedStep Technology	✓
Processor cache type	Smart Cache	Intel® Quick Sync Video Technology	✓
System bus rate	5 GT/s	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
64-bit computing	✓	Intel Clear Video Technology	✗
Thermal Design Power (TDP)	65 W	Intel® Insider™	✓
PCI Express slots version	2.0	Intel® InTru™ 3D Technology	✓
Processor socket	LGA 1155 (Socket H2)	Intel Flex Memory Access	✓
Processor lithography	32 nm	Intel® Smart Cache	✓
Processor operating modes	64-bit	Intel® AES New Instructions (Intel® AES-NI)	✓
Stepping	D2		
Bus type	DMI		
Processor codename	Sandy Bridge		
Processor series	Intel Core i7-2600 Desktop Series		
FSB Parity	✗		
Maximum number of PCI Express lanes	16		
Tcase	69,1 °C		

Processor		Processor special features	
CPU multiplier (bus/core ratio)	28	Intel Trusted Execution Technology	✓
Maximum internal memory supported by processor	32 GB	Intel Enhanced Halt State	✓
Conflict-Free processor	✗	Intel VT-x with Extended Page Tables (EPT)	✓
Memory types supported by processor	DDR3-SDRAM	Intel Demand Based Switching	✗
Memory clock speeds supported by processor	1066,1333 MHz	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Memory bandwidth supported by processor (max)	21 GB/s	Intel 64	✓
Memory channels supported by processor	Dual	Execute Disable Bit	✓
ECC supported by processor	✗	Idle States	✓
Memory		Thermal Monitoring Technologies	✓
Internal memory *	8 GB	Processor package size	37.5 x 37.5 mm
Internal memory type	DDR3-SDRAM	Supported instruction sets	AVX, SSE4.1, SSE4.2
Maximum internal memory *	8 GB	CPU configuration (max)	1
Memory slots	2	Embedded options available	✗
Memory slots type	SO-DIMM	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Memory clock speed	1333 MHz	Intel Identity Protection Technology version	1,00
Storage		Intel Virtualization Technology (VT-x)	✓
Total storage capacity *	500 GB	Intel Dual Display Capable Technology	✓
Storage media *	HDD	Intel FDI Technology	✓
Number of storage drives installed	1	Intel Rapid Storage Technology	✗
Number of HDDs installed	1	Intel Fast Memory Access	✓
HDD speed	7200 RPM	Processor ARK ID	52215
HDD interface	SATA II	Power	
Optical drive type *	DVD-RW	AC adapter power	150 W
Card reader integrated	✓	Weight & dimensions	
Graphics		Width (with stand)	470 mm
On-board graphics card *	✓	Depth (with stand)	100,5 mm
On-board graphics card family	Intel® HD Graphics	Height (with stand)	396 mm
On-board graphics card model *	Intel® HD Graphics 2000	Weight (with stand)	7,45 kg
On-board graphics card base frequency	850 MHz	Operational conditions	
On-board graphics card dynamic frequency (max)	1350 MHz	Operating temperature (T-T)	0 - 35 °C
Number of displays supported (on-board graphics)	2	Storage temperature (T-T)	-20 - 60 °C
On-board graphics card ID	0x102	Operating relative humidity (H-H)	20 - 80%
Audio		Storage relative humidity (H-H)	20 - 80%
Built-in speaker(s) *	✓	Certificates	
RMS rated power	4 W	Compliance certificates	RoHS
Built-in subwoofer	✗	Certification	FCC, CE, GOST, VCCI, JEIDA
Audio system	HD	Packaging content	
Camera		Mouse included	✓
Built-in camera *	✓	Keyboard included	✓
Total megapixels	2 MP	Other features	
Network		Graphics card family	Intel
Wi-Fi *	✓	Storage drive interface	Serial ATA II
Ethernet LAN *	✓	Chassis type	All-in-One
Ethernet LAN data rates	10,100,1000 Mbit/s	PCI Express x1 slots	1
Bluetooth *	✗	Intel segment tagging	Enterprise, Professional
Ports & interfaces			
Ethernet LAN (RJ-45) ports	1		
USB 2.0 ports quantity *	6		
DisplayPorts quantity	1		

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