



## Lenovo ThinkCentre M73Z Intel® Core™ i5 i5-4430S 50.8 cm (20") 1600 x 900 Pixeles PC todo en uno 4 GB DDR3-SDRAM 500 GB Unidad de disco duro Windows 7 Professional Negro

Marca : Lenovo

Familia de productos:  
ThinkCentre

Código del producto:  
10BBA0B2LS

Nombre del producto : M73Z

Intel Core i5-4430S (6M Cache, up to 3.20 GHz), Intel H81, 4 GB DDR3 1600MHz, 500 GB HDD (7200 rpm), DVD±R/±RW, 20" Wide (1600 x 900) LED 16:9, Gigabit Ethernet, USB 3.0, USB 2.0, VGA, 150 W, Windows 7 Professional 64-bit/Windows 8 Pro 64-bit

Lenovo ThinkCentre M73Z. Tipo de producto: PC todo en uno. Diagonal de la pantalla: 50.8 cm (20"), Tipo HD: HD+, Resolución de la pantalla: 1600 x 900 Pixeles. Familia de procesador: Intel® Core™ i5, Frecuencia del procesador: 2.7 GHz. Memoria interna: 4 GB, Tipo de memoria interna: DDR3-SDRAM. Capacidad total de almacenaje: 500 GB, Unidad de almacenamiento: Unidad de disco duro. Modelo de gráficos en tarjeta: Intel® HD Graphics 4600. Cámara incorporada. Tipo de unidad óptica: DVD±RW. Sistema operativo instalado: Windows 7 Professional. Color del producto: Negro



Display		Performance	
Display diagonal *	50.8 cm (20")	Product type *	All-in-One PC
Display resolution *	1600 x 900 pixels	Trusted Platform Module (TPM)	✓
Touchscreen *	✗	<b>Software</b>	
Full HD	✗	Operating system architecture	64-bit
HD type *	HD+	Operating system installed *	Windows 7 Professional
LED backlight	✓	Recovery operating system	Windows 8 Pro
Native aspect ratio	16:9	<b>Processor special features</b>	
<b>Processor</b>		Intel® Smart Response Technology	✗
Processor manufacturer *	Intel	Intel® Turbo Boost Technology	2.0
Processor family *	Intel® Core™ i5	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Processor generation	4th gen Intel® Core™ i5	Intel® My WiFi Technology (Intel® MWT)	✓
Processor model *	i5-4430S	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor cores	4	Intel® Anti-Theft Technology (Intel® AT)	✓
Processor threads	4	Intel® Rapid Start Technology	✗
Processor boost frequency	3.2 GHz	Intel Smart Connect Technology	✗
Processor frequency *	2.7 GHz	Intel® Small Business Advantage (Intel® SBA)	✗
Processor cache	6 MB	Intel® Wireless Display (Intel® WiDi)	✓
Processor cache type	Smart Cache	Enhanced Intel SpeedStep Technology	✓
64-bit computing	✓	Intel® Quick Sync Video Technology	✓
Thermal Design Power (TDP)	65 W		
PCI Express slots version	3.0		
Processor socket	LGA 1150 (Socket H3)		
Processor lithography	22 nm		
Processor operating modes	64-bit		
Stepping	C0		

Processor		Processor special features	
Bus type	QPI	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Number of QPI links	1	Intel Clear Video Technology	✗
Processor codename	Haswell	Intel® Insider™	✓
Processor series	Intel Core i5-4400 Desktop series	Intel® InTru™ 3D Technology	✓
FSB Parity	✗	Intel Flex Memory Access	✗
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	SR14M	Intel Trusted Execution Technology	✗
Tcase	71.35 °C	Intel Enhanced Halt State	✓
Maximum internal memory supported by processor	32 GB	Intel VT-x with Extended Page Tables (EPT)	✓
Conflict-Free processor	✓	Intel Demand Based Switching	✗
Memory types supported by processor	DDR3-SDRAM	Intel® Secure Key	✓
Memory clock speeds supported by processor	1333,1600 MHz	Intel TSX-NI	✗
Memory bandwidth supported by processor (max)	25.6 GB/s	Intel Stable Image Platform Program (SIPP)	✗
Memory channels supported by processor	Dual	Intel® OS Guard	✓
ECC supported by processor	✗	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
<b>Memory</b>		Intel 64	✓
Internal memory *	4 GB	Execute Disable Bit	✓
Internal memory type	DDR3-SDRAM	Idle States	✓
Maximum internal memory *	16 GB	Thermal Monitoring Technologies	✓
Memory slots	2	Processor package size	37.5 x 37.5 mm
Memory slots type	DIMM	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Memory clock speed	1600 MHz	Scalability	1S
Memory form factor	DIMM/SO-DIMM	CPU configuration (max)	1
<b>Storage</b>		Embedded options available	✗
Total storage capacity *	500 GB	Graphics & IMC lithography	22 nm
Storage media *	HDD	Thermal solution specification	PCG 2013C
Number of storage drives installed	1	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Number of HDDs installed	1	Intel Identity Protection Technology version	1.00
HDD speed	7200 RPM	Intel Stable Image Platform Program (SIPP) version	0.00
HDD interface	SATA III	Intel Secure Key Technology version	1.00
Optical drive type *	DVD±RW	Intel Virtualization Technology (VT-x)	✓
Card reader integrated	✓	Intel Small Business Advantage (SBA) version	1.00
<b>Graphics</b>		Intel TSX-NI version	0.00
Discrete graphics card model *	Not available	Intel Dual Display Capable Technology	✓
On-board graphics card *	✓	Intel FDI Technology	✓
On-board graphics card family	Intel® HD Graphics	Intel Rapid Storage Technology	✗
On-board graphics card model *	Intel® HD Graphics 4600	Intel Fast Memory Access	✗
On-board graphics card base frequency	350 MHz	Processor ARK ID	75037
On-board graphics card dynamic frequency (max)	1100 MHz	<b>Power</b>	
Maximum on-board graphics card memory	1.74 GB	AC adapter power	150 W
Number of displays supported (on-board graphics)	3	<b>Weight &amp; dimensions</b>	
On-board graphics card DirectX version	11.1	Width (with stand)	505.5 mm
On-board graphics card ID	0x412	Depth (with stand)	90.4 mm
<b>Audio</b>		Height (with stand)	403.9 mm
Built-in speaker(s) *	✓	Weight (with stand)	7.46 kg
RMS rated power	4 W	Width (without stand)	505.5 mm
Built-in microphone	✓	Depth (without stand)	65.8 mm

<b>Camera</b>		<b>Weight &amp; dimensions</b>	
Built-in camera *	✓	Height (without stand)	360.7 mm
Total megapixels	1 MP	Weight (without stand)	6.3 kg
Camera resolution	1280 x 720 pixels	<b>Certificates</b>	
<b>Optical drive</b>		Certification	EuP 2013, Greenguard
Optical drive interface	SATA	<b>Sustainability</b>	
<b>Network</b>		Sustainability certificates	EPEAT Gold, ENERGY STAR
Wi-Fi *	✓	<b>Packaging content</b>	
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Mouse included	✗
Ethernet LAN *	✓	Keyboard included	✗
Ethernet LAN data rates	10,100,1000 Mbit/s	AC adapter included	✓
Bluetooth *	✓	<b>Other features</b>	
Bluetooth version	4.0	Storage drive interface	Serial ATA III
<b>Ports &amp; interfaces</b>		Autonomy mode	✗
Ethernet LAN (RJ-45) ports	1	Intel® Virtualization Technology (Intel® VT)	VT-d, VT-x
USB 2.0 ports quantity *	4	Intel segment tagging	Enterprise, Professional
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2		
VGA (D-Sub) ports quantity	1		
Microphone in	✓		
Audio output	✓		
PS/2 ports quantity	1		
Serial ports quantity	1		
<b>Design</b>			
Product colour *	Black		
Cable lock slot	✓		
Cable lock slot type	Kensington		
Wall mountable	✓		

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