



ThinkCentre M90a Gen 5 **Intel® Core™ i5 i5-14500** **60.5 cm (23.8")**
1920 x 1080 **PC 16 GB DDR5-SDRAM 512 GB SSD** **Windows 11 Pro Wi-Fi 6E (802.11ax)**

Lenovo ThinkCentre 12SH000QMZ
M90a Gen 5

ThinkCentre M90a Gen 5. PC. : 60.5 cm (23.8"), HD : Full HD, : 1920 x 1080 , : IPS. : Intel® Core™ i5, : 2.6 GHz. : 16 GB, : DDR5-SDRAM. : 512 GB, : SSD . : DVD±RW. : Windows 11 Pro. :



Display		Camera	
Display diagonal *	60.5 cm (23.8")	Privacy type	Privacy shutter
Display resolution *	1920 x 1080 pixels	Network	
Touchscreen *	✗	Wi-Fi *	✓
HD type *	Full HD	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Native aspect ratio	16:9	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Display brightness	250 cd/m²	WLAN controller manufacturer	Intel
Panel type	IPS	WLAN controller model	Intel Wi-Fi 6E AX211
RGB colour space	sRGB	Antenna type	2x2
Anti-glare screen	✓	Ethernet LAN *	✓
Colour gamut	99%	Ethernet LAN data rates	100,1000 Mbit/s
Processor		Bluetooth *	✓
Processor manufacturer *	Intel	Bluetooth version	5.3
Processor family *	Intel® Core™ i5	Ports & interfaces	
Processor generation	Intel® Core™ i5 (14th gen)	Ethernet LAN (RJ-45) ports	1
Processor model *	i5-14500	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Processor cores	14	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	3
Processor boost frequency	5 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Processor frequency *	2.6 GHz	HDMI ports quantity *	1
Memory		DisplayPorts quantity	1
Internal memory *	16 GB	Combo headphone/mic port	✓
Internal memory type	DDR5-SDRAM	Design	
Maximum internal memory *	64 GB	Colour name	Black
Memory slots	2	Product colour *	Black
Memory slots type	SO-DIMM	Cable lock slot	✓
Memory clock speed	4800 MHz	Cable lock slot type	Kensington
Memory layout (slots x size)	1 x 16 GB		
Memory form factor	DIMM/SO-DIMM		

Storage		Performance	
Total storage capacity *	512 GB	Product type *	All-in-One PC
Storage media *	SSD	Motherboard chipset	Intel Q670
Total SSDs capacity	512 GB	Trusted Platform Module (TPM)	✓
Number of SSDs installed	1	Trusted Platform Module (TPM) version	2.0
SSD capacity	512 GB	Software	
SSD interface	PCI Express 4.0	Operating system architecture	64-bit
NVMe	✓	Operating system installed *	Windows 11 Pro
SSD form factor	M.2	Power	
Optical drive type *	DVD±RW	AC adapter power	180 W
Card reader integrated	✓	Weight & dimensions	
Graphics		Width (with stand)	539.6 mm
Discrete graphics card *	✗	Depth (with stand)	217.3 mm
Discrete graphics card model *	Not available	Weight (with stand)	8.13 kg
On-board graphics card *	✓	Certificates	
On-board GPU manufacturer	Intel	Compliance certificates	RoHS
On-board graphics card family	Intel® UHD Graphics	Sustainability	
On-board graphics card model *	Intel UHD Graphics 770	Sustainability certificates	ENERGY STAR, TCO, EPEAT Gold
Audio		Packaging content	
Built-in speaker(s) *	✓	Mouse included	✓
Number of speakers	2	Mouse connectivity	Wired
RMS rated power	6 W	Keyboard included	✓
Built-in microphone	✓	Keyboard connectivity	Wired
Camera		Keyboard language	Swiss
Built-in camera *	✓		
Total megapixels	5 MP		
Privacy camera	✓		



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