Lenovo

Lenovo ThinkCentre M90a Intel® Core™ i5 i5-14500 60,5 cm (23.8") 1920 x 1080 pixels PC All-in-One 16 Go DDR5-SDRAM 512 Go SSD Windows 11 Pro Wi-Fi 6E (802.11ax) Noir

Marque : Lenovo

Famille de produit: ThinkCentre

Code produit: 12SH000QFR

Nom du produit : M90a

- Windows 11 Pro
- Intel Core i5-14500 (24Mo Cache)
- 60.5 cm (23.8") Full HD 1920 x 1080 IPS
- 16Go (4800MHz) DDR5-SDRAM (1 x 16) & 512Go SSD

Intel Core i5-14500 (24Mo Cache), 16Go DDR5-SDRAM, 512Go SSD, 60.5 cm (23.8") Full HD 1920 x 1080 IPS, DVD±RW, Intel UHD Graphics 770, LAN, WLAN, Bluetooth, Webcam, Windows 11 Pro
Lenovo ThinkCentre M90a. Type de produit: PC All-in-One. Taille de l'écran: 60,5 cm (23.8"), Type HD: Full HD, Résolution de l'écran: 1920 x 1080 pixels, Type de panneau: IPS. Famille de processeur: Intel® Core™ i5. Mémoire interne: 16 Go, Type de mémoire interne: DDR5-SDRAM. Capacité totale de stockage: 512 Go, Supports de stockage: SSD. Modèle d'adaptateur graphique inclus: Intel UHD Graphics 770. Appareil photo intégré. Lecteur optique: DVD±RW. Système d'exploitation installé: Windows 11 Pro. Couleur du produit: Noir

Display

Display diagonal *	60.5 cm (23.8")
Display resolution *	1920 x 1080 pixels
Touchscreen *	✘
HD type *	Full HD
Native aspect ratio	16:9
Display brightness	250 cd/m²
Panel type	IPS
RGB colour space	sRGB
Anti-glare screen	✔
Colour gamut	99%
Tilt adjustment	✔
Tilt angle range	-5 - 20°

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i5
Processor generation	Intel® Core™ i5 (14th gen)
Processor model *	i5-14500
Processor cores	14
Processor boost frequency	5 GHz
Performance cores	6
Efficient cores	8
Performance-core Max Turbo Frequency	5 GHz
Efficient-core Max Turbo Frequency	3.7 GHz
Performance-core base frequency	2.6 GHz
Efficient-core base frequency	1.9 GHz
Processor cache	24 MB
Processor cache type	Smart Cache

Audio

Built-in microphone	✔
Audio system	HD

Camera

Built-in camera *	✔
Total megapixels	5 MP
Privacy camera	✔
Privacy type	Privacy shutter

Network

Wi-Fi *	✔
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Wi-Fi standards	Wi-Fi 6 (802.11ax)
WLAN controller manufacturer	Intel
WLAN controller model	Intel Wi-Fi 6E AX211
Antenna type	2x2
Ethernet LAN *	✔
Ethernet LAN data rates	100,1000 Mbit/s
Bluetooth *	✔
Bluetooth version	5.3

Ports & interfaces

Ethernet LAN (RJ-45) ports	1
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	3
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
HDMI ports quantity *	1

Processor

Processor base power	65 W
Maximum turbo power	154 W

Memory

Internal memory *	16 GB
Internal memory type	DDR5-SDRAM
Maximum internal memory *	64 GB
Memory slots	2
Memory slots type	SO-DIMM
Memory clock speed	4800 MHz
Memory layout (slots x size)	1 x 16 GB
Memory form factor	DIMM/SO-DIMM

Storage

Total storage capacity *	512 GB
Storage media *	SSD
Number of storage drives installed	1
Total SSDs capacity	512 GB
Number of SSDs installed	1
SSD capacity	512 GB
SSD interface	PCI Express 4.0
NVMe	✔
SSD form factor	M.2
Optical drive type *	DVD±RW
Card reader integrated	✔

Graphics

Discrete graphics card *	✘
Discrete graphics card model *	Not available
On-board graphics card *	✔
On-board GPU manufacturer	Intel
On-board graphics card family	Intel® UHD Graphics
On-board graphics card model *	Intel UHD Graphics 770

Audio

Built-in speaker(s) *	✔
Number of speakers	2
RMS rated power	6 W

Ports & interfaces

HDMI version	1.4/2.1
DisplayPorts quantity	1
Combo headphone/mic port	✔
Serial ports quantity	2

Design

Product colour *	Black
Cable lock slot	✔
Cable lock slot type	Kensington

Performance

Product type *	All-in-One PC
Motherboard chipset	Intel Q670
Trusted Platform Module (TPM)	✔
Trusted Platform Module (TPM) version	2.0

Software

Operating system installed *	Windows 11 Pro
Operating system language	French

Power

AC adapter power	180 W

Weight & dimensions

Width (with stand)	539.6 mm
Depth (with stand)	217.3 mm
Weight (with stand)	8.13 kg

Operational conditions

Operating temperature (T-T)	5 - 35 °C
Storage temperature (T-T)	-20 - 60 °C
Operating relative humidity (H-H)	20 - 80%
Operating altitude	0 - 3048 m
Non-operating altitude	0 - 12192 m

Certificates

Compliance certificates	RoHS

Sustainability

Sustainability certificates	ENERGY STAR, TCO, EPEAT Gold

Packaging content

Mouse included	✔
Mouse connectivity	Wired
Keyboard included	✔
Keyboard connectivity	Wired
Keyboard language	French

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