



Lenovo ThinkCentre M90q Intel® Core™ i5 i5-12500 8 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro Mini PC PC mini Hitam

Brand : Lenovo

Product family: ThinkCentre

Product code: 11U5000XUS

Product name : M90q

Lenovo ThinkCentre M90q. Frekuensi prosesor: 3 GHz, Keluarga prosesor: Intel® Core™ i5, Model prosesor: i5-12500. Memori internal: 8 GB, Tipe memori internal: DDR5-SDRAM, Kecepatan memori: 4800 MHz. Total kapasitas penyimpanan: 512 GB, Media penyimpanan: SSD. Model adaptor grafis pada papan induk: Intel UHD Graphics 770. Sistem operasi yang terpasang: Windows 11 Pro, Arsitektur sistem operasi: 64-bit. Penyuplai daya: 135 W. Tipe sasis: Mini PC. Jenis produk: PC mini. Warna produk: Hitam



intel



intel

Prosesor		Desain	
Produsen prosesor *	Intel	Tipe sasis *	Mini PC
Keluarga prosesor *	Intel® Core™ i5	Volume	1 L
Generasi prosesor	Intel® Core™ i5 generasi ke-12	Penempatan yang didukung	Horisontal/Vertikal
Model prosesor *	i5-12500	Slot kunci kabel	✓
Inti prosesor	6	Tipe slot kunci Kabel	Kensington
Frekuensi pendorong prosesor	4,6 GHz	Warna produk *	Hitam
Frekuensi prosesor *	3 GHz	Jendela pandang	✗
Cache prosesor	18 MB	Performa	
Bus type	DMI4	Chipset papan induk	Intel Q670
Jumlah prosesor yang terpasang	1	Chip audio	Realtek ALC256-VB
Memori		Sistem audio	Audio Definisi Tinggi
Memori internal *	8 GB	Pengeras suara terpasang	✓
Memori internal maksimal *	64 GB	Jumlah pengeras suara	1
Tipe memori internal	DDR5-SDRAM	Perlindungan password	✓
Slot memori	2x SO-DIMM	Tipe perlindungan kata sandi	HDD, Ketika dihidupkan, Supervisor
Kecepatan memori	4800 MHz	Trusted Platform Module (TPM)	✓
Kanal memori	Dual-channel	Jenis produk *	PC mini
media penyimpanan		Perangkat lunak	
Total kapasitas penyimpanan *	512 GB	Arsitektur sistem operasi	64-bit
Media penyimpanan *	SSD	Bahasa sistem operasi	Bahasa Inggris
Tipe drive optikal *	✗	Sistem operasi yang terpasang *	Windows 11 Pro
Sejumlah drive penyimpan terpasang	1	Fitur khusus prosesor	
Kapasitas SSD total	512 GB	Intel® 64	✓
Jumlah SSD yang terpasang	1	Teknologi SpeedStep Intel® yang diperbaharui	✓
Kapasitas SSD	512 GB	Pilihan Tertanam Tersedia	✗
Antarmuka SSD	NVMe, PCI Express 4.0		
NVMe	✓		

media penyimpanan		Fitur khusus prosesor	
Faktor bentuk SSD	M.2	Intel® VT-x dengan Tabel Halaman Ekstensi (EPT)	✓
Pembaca kartu terintegrasi	✗	Keadaan Diam	✓
Grafik		Program Platform Gambar Stabil Intel® (SIPP)	✓
Adaptor grafis diskrit *	✗	Teknologi Eksekusi Terpercaya Intel®	✓
Adaptor grafis pada papan induk *	✓	Bit Nonaktif Eksekusi	✓
Model adaptor grafis diskrit *	Tidak tersedia	Konfigurasi CPU (maks)	1
Produsen GPU on-board	Intel	Intel® Virtualization Technology untuk Directed I/O (VT-d)	✓
Model adaptor grafis pada papan induk *	Intel UHD Graphics 770	Teknologi Virtualisasi Intel® (VT-x)	✓
Jaringan		Daya	
Ethernet LAN *	✓	Penyuplai daya *	135 W
Kecepatan data LAN ethernet	10,100,1000 Mbit/d	Operational conditions	
Teknologi pengkabelan	10/100/1000Base-T(X)	Suhu pengoperasian (T-T)	5 - 35 °C
Wi-Fi *	✓	Suhu penyimpanan (T-T)	-40 - 60 °C
Standar Wi-Fi	Wi-Fi 6E (802.11ax)	Rentang kelembapan pengoperasian (H-H)	20 - 80 persen
Standar Wi-Fi	Wi-Fi 6E (802.11ax)	Kelembapan relatif penyimpanan (H-H)	10 - 90 persen
Produsen pengontrol WLAN	Intel	Ketinggian operasi	0 - 3048 m
Model pengontrol WLAN	Intel Wi-Fi 6E AX211	Ketinggian saat tidak beroperasi	0 - 12192 m
Tipe antena	2x2	Sertifikat	
Bluetooth	✓	Sertifikasi	EPEAT Gold ENERGY STAR 8.0 ErP Lot 3 TCO Certified 9.0 RoHS compliant MIL-STD-810H TÜV
Versi bluetooth	5.2	Berat dan dimensi	
Port & antarmuka		Panjang *	179 mm
Kuantitas port Tipe A USB 3.2 Gen 1 (3.1 Gen 1) *	2	Lebar *	182,9 mm
Kuantitas port Tipe A USB 3.2 Gen 2 (3.1 Gen 2) *	4	Tinggi *	36,5 mm
Kuantitas port Tipe C USB 3.2 Gen 2 (3.1 Gen 2) *	1	Berat *	1,25 kg
Jumlah port HDMI *	1	Isi kemasan	
Versi HDMI	2.1	Mouse disertakan	✓
Jumlah DisplayPort	2	Dilengkapi keyboard	✓
Versi DisplayPort	1.4		
Soket LAN ethernet (RJ-45)	1		
Soket mic/headphone Combo	✓		



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