



DELL Pro QCM1250 Intel® Core™ i7 i7-14700T 16 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro Micro PC Mini PC Black

Brand : DELL

Product family: Pro

Product code: MJ5TK

Product name : QCM1250

DELL Pro QCM1250. Processor family: Intel® Core™ i7, Processor model: i7-14700T. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel UHD Graphics 770. Wi-Fi. Operating system installed: Windows 11 Pro, Operating system architecture: 64-bit. Power supply: 90 W. Chassis type: Micro PC. Product type: Mini PC. Weight: 1.16 kg. Product colour: Black



Processor		Network	
Processor manufacturer *	Intel	WLAN controller model	Intel Wi-Fi 6E AX211
Processor family *	Intel® Core™ i7	Antenna type	2x2
Processor generation	Intel® Core™ i7 (14th gen)	Antenna design	Internal
Processor model *	i7-14700T	Bluetooth	✓
Processor cores	20	Ports & interfaces	
Processor threads	28	USB 2.0 ports quantity *	2
Processor boost frequency	5.2 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Performance cores	8	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Efficient cores	12	DisplayPorts quantity	1
Performance-core Max Turbo Frequency	5 GHz	DisplayPort version	1.4a
Efficient-core Max Turbo Frequency	3.7 GHz	HDMI ports quantity *	1
Performance-core base frequency	1.3 GHz	HDMI version	2.1
Efficient-core base frequency	0.9 GHz	Ethernet LAN (RJ-45) ports	1
Processor cache	33 MB	Combo headphone/mic port	✓
Processor cache type	Smart Cache	DC-in jack	✓
Number of processors installed	1	Number of rear USB ports	4
Processor base power	35 W	Number of front USB ports	2
Maximum turbo power	106 W	Number of front audio ports	1
Neural processor unit (NPU)		Power	
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Power supply *	90 W
Memory		Power supply input voltage	100 - 240 V
Internal memory *	16 GB	Power supply input frequency	50 / 60 Hz
Maximum internal memory *	64 GB	Design	
Internal memory type	DDR5-SDRAM	Chassis type *	Micro PC
Memory layout (slots x size)	1 x 16 GB	Placement supported	Horizontal/Vertical
Memory slots	2x SO-DIMM	Cable lock slot	✓
Non-ECC	✓	Cable lock slot type	Kensington
Memory channels	Single-channel	Product colour *	Black
Memory data transfer rate	5600 MT/s	Intel® vPro™ Platform Eligibility	✓
Storage		Software	
Total storage capacity *	512 GB	Operating system architecture	64-bit
Storage media *	SSD	Operating system installed *	Windows 11 Pro
Optical drive type *	✗		
Number of storage drives installed	1		

Storage		Software	
Total SSDs capacity	512 GB	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Number of SSDs installed	1		
SSD capacity	512 GB		
SSD memory type	TLC		
SSD interface	PCI Express 4.0		
NVMe	✓		
SSD form factor	M.2		
Graphics		Display	
Discrete graphics card *	✗	Display included *	✗
On-board graphics card *	✓		
Discrete graphics card model *	Not available		
On-board GPU manufacturer	Intel		
On-board graphics card family	Intel® UHD Graphics		
On-board graphics card model *	Intel UHD Graphics 770		
Performance		Audio	
Market positioning	Business	Audio chip	Realtek ALC3204
Motherboard chipset	Intel® Q870	Audio system	High Definition Audio
Trusted Platform Module (TPM)	✓		
Product type *	Mini PC		
Trusted Platform Module (TPM) version	2.0		
Network		Operational conditions	
Ethernet LAN *	✓	Operating temperature (T-T)	10 - 35 °C
Ethernet LAN data rates	10,100,1000 Mbit/s	Storage temperature (T-T)	-40 - 65 °C
Cabling technology	10/100/1000Base-T(X)	Operating relative humidity (H-H)	20 - 80%
LAN controller	Intel WGI219LM	Storage relative humidity (H-H)	5 - 95%
Wi-Fi *	✓	Operating altitude	-15.2 - 3048 m
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)	Non-operating altitude	-15.2 - 10668 m
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax)	Operating vibration	0.26 G
WLAN controller manufacturer	Intel	Non-operating vibration	1.37 G
		Operating shock	40 G
		Non-operating shock	105 G
		Weight & dimensions	
		Width *	36 mm
		Depth *	178 mm
		Height *	182 mm
		Weight *	1.16 kg
		Sustainability	
		Sustainability certificates	ENERGY STAR, EPEAT Climate +, EPEAT Gold
		Carbon footprint	
		Total carbon footprint (kg of CO2e)	77.6
		Carbon emissions, manufacturing (kg of CO2e)	41.52
		Carbon emissions, logistics (kg of CO2e)	2.17
		Carbon emissions, energy usage (kg of CO2e)	33.45
		Carbon emissions, end-of-life (kg of CO2e)	0.54
		PAIA version	GaBi version 1, 2024



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