



DELL Pro QCM1250 Intel® Core™ i5 i5-14500T 16 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro Micro PC Mini PC Black

Brand : DELL

Product family: Pro

Product code: 2W7D1

Product name : QCM1250

DELL Pro QCM1250. Processor family: Intel® Core™ i5, Processor model: i5-14500T. 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™ i5	Antenna type	2x2
Processor generation	Intel® Core™ i5 (14th gen)	Bluetooth	✓
Processor model *	i5-14500T	Ports & interfaces	
Processor cores	14	USB 2.0 ports quantity *	2
Processor threads	20	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Processor boost frequency	4.8 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Performance cores	6	DisplayPorts quantity	1
Efficient cores	8	DisplayPort version	1.4a
Performance-core Max Turbo Frequency	4.8 GHz	HDMI ports quantity *	1
Efficient-core Max Turbo Frequency	3.4 GHz	HDMI version	2.1
Performance-core base frequency	1.7 GHz	Ethernet LAN (RJ-45) ports	1
Efficient-core base frequency	1.2 GHz	Combo headphone/mic port	✓
Processor cache	24 MB	DC-in jack	✓
Processor cache type	Smart Cache	Number of rear USB ports	4
Number of processors installed	1	Number of front USB ports	2
Processor base power	35 W	Number of front audio ports	1
Maximum turbo power	92 W	Power	
Neural processor unit (NPU)		Power supply *	90 W
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Power supply input voltage	100 - 240 V
Memory		Power supply input frequency	50 / 60 Hz
Internal memory *	16 GB	Design	
Maximum internal memory *	64 GB	Chassis type *	Micro PC
Internal memory type	DDR5-SDRAM	Placement supported	Horizontal/Vertical
Memory layout (slots x size)	1 x 16 GB	Cable lock slot	✓
Memory slots	2x SO-DIMM	Cable lock slot type	Kensington
Non-ECC	✓	Product colour *	Black
Memory channels	Single-channel	Intel® vPro™ Platform Eligibility	✓
Memory data transfer rate	4800 MT/s	Software	
Storage		Operating system architecture	64-bit
Total storage capacity *	512 GB	Operating system installed *	Windows 11 Pro
Storage media *	SSD	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Optical drive type *	✗		
Number of storage drives installed	1		

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



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