



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: 20PN3

Product name : QCM1250

- Windows 11 Pro 64-bit
- Intel Core i5-14500T (24MB Cache)
- 16GB DDR5-SDRAM (1 x 16) & 512GB SSD
Intel Core i5-14500T (24MB Cache), 16GB DDR5-SDRAM, 512GB SSD, Intel UHD Graphics 770, LAN, WLAN, Bluetooth, Windows 11 Pro 64-bit

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Ultracompact desktops designed to maximise efficiency and productivity in small workspaces.
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		Ports & interfaces	
Processor manufacturer *	Intel	HDMI ports quantity *	1
Processor family *	Intel® Core™ i5	HDMI version	2.1
Processor generation	Intel® Core™ i5 (14th gen)	DisplayPorts quantity	1
Processor model *	i5-14500T	DisplayPort version	1.4a
Processor cores	14	Ethernet LAN (RJ-45) ports	1
Processor threads	20	Combo headphone/mic port	✓
Processor boost frequency	4.8 GHz	DC-in jack	✓
Performance cores	6	Number of rear USB ports	4
Efficient cores	8	Number of front USB ports	2
Performance-core Max Turbo Frequency	4.8 GHz	Number of front audio ports	1
Efficient-core Max Turbo Frequency	3.4 GHz	Design	
Performance-core base frequency	1.7 GHz	Chassis type *	Micro PC
Efficient-core base frequency	1.2 GHz	Placement supported	Horizontal/Vertical
Processor cache	24 MB	Cable lock slot	✓
Processor cache type	Smart Cache	Cable lock slot type	Kensington
Number of processors installed	1	Product colour *	Black
Processor base power	35 W	Performance	
Maximum turbo power	92 W	Market positioning	Business
Neural processor unit (NPU)		Motherboard chipset	Intel® Q870
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Trusted Platform Module (TPM)	✓
Memory		Product type *	Mini PC
Internal memory *	16 GB	Trusted Platform Module (TPM) version	2.0
Maximum internal memory *	64 GB	Software	
Internal memory type	DDR5-SDRAM	Operating system architecture	64-bit
Memory layout (slots x size)	1 x 16 GB	Operating system installed *	Windows 11 Pro
Memory slots	2x SO-DIMM	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Non-ECC	✓	Power	
Memory channels	Single-channel	Power supply *	90 W
Memory data transfer rate	4800 MT/s	Power supply input voltage	100 - 240 V
Storage		Power supply input frequency	50 / 60 Hz
Total storage capacity *	512 GB		
Storage media *	SSD		

Storage		Operational conditions	
Optical drive type *	✗	Operating temperature (T-T)	10 - 35 °C
Number of storage drives installed	1	Storage temperature (T-T)	-40 - 65 °C
Total SSDs capacity	512 GB	Operating relative humidity (H-H)	20 - 80%
Number of SSDs installed	1	Storage relative humidity (H-H)	5 - 95%
SSD capacity	512 GB	Operating altitude	-15.2 - 3048 m
SSD interface	PCI Express 4.0	Non-operating altitude	-15.2 - 10668 m
NVMe	✓	Operating vibration	0.26 G
SSD form factor	M.2	Non-operating vibration	1.37 G
Graphics		Operating shock	40 G
Discrete graphics card *	✗	Non-operating shock	105 G
On-board graphics card *	✓	Sustainability	
Discrete graphics card model *	Not available	Sustainability certificates	ENERGY STAR, EPEAT Climate +, EPEAT Gold
On-board GPU manufacturer	Intel	Weight & dimensions	
On-board graphics card family	Intel® UHD Graphics	Width *	36 mm
On-board graphics card model *	Intel UHD Graphics 770	Depth *	178 mm
Network		Height *	182 mm
Ethernet LAN *	✓	Weight *	1.16 kg
Ethernet LAN data rates	10,100,1000 Mbit/s	Packaging content	
Cabling technology	10/100/1000Base-T(X)	Mouse included on selected markets	Dell Optical Mouse-MS116 - Black
LAN controller	Intel WGI219LM	Keyboard included on selected markets	Dell Wired Keyboard - KB216 - UK (QWERTY) - Black
Wi-Fi *	✓	Carbon footprint	
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)	Total carbon footprint (kg of CO2e)	77.6
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, manufacturing (kg of CO2e)	41.516
WLAN controller manufacturer	Intel	Carbon emissions, logistics (kg of CO2e)	2.1728
WLAN controller model	Intel Wi-Fi 6E AX211	Carbon emissions, energy usage (kg of CO2e)	33.4456
Antenna type	2x2	Carbon emissions, end-of-life (kg of CO2e)	0.54
Antenna design	Internal	PAIA version	GaBi version 1, 2024
Bluetooth	✓	Display	
Ports & interfaces		Display included *	✗
USB 2.0 ports quantity *	2	Audio	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Audio chip	Realtek ALC3204
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1	Audio system	High Definition Audio



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