



## DELL Pro QCM1250 Intel Core Ultra 5 235T 16 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro Micro PC Mini PC Black

**Brand :** DELL

**Product family:** Pro

**Product code:** 7YMHK

**Product name :** QCM1250

- Windows 11 Pro 64-bit
- Intel Core Ultra 5 235T (24MB Cache)
- 16GB DDR5-SDRAM (1 x 16) & 512GB SSD
- Intel Core Ultra 5 235T (24MB Cache), 16GB DDR5-SDRAM, 512GB SSD, Intel Graphics, 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 Ultra 5, Processor model: 235T. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel® Graphics. 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 manufacturer	Intel
Processor family *	Intel Core Ultra 5	WLAN controller model	Intel Wi-Fi 6E AX211
Processor generation	Intel Core Ultra (Series 2)	Antenna type	2x2
Processor model *	235T	Antenna design	Internal
Processor cores	14	Bluetooth	✓
Processor threads	14		
Processor boost frequency	5 GHz	Ports & interfaces	
Performance cores	6	USB 2.0 ports quantity *	2
Efficient cores	8	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Performance-core Max Turbo Frequency	5 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Efficient-core Max Turbo Frequency	4.4 GHz	DisplayPorts quantity	1
Performance-core base frequency	2.2 GHz	DisplayPort version	1.4a
Efficient-core base frequency	1.6 GHz	HDMI ports quantity *	1
Processor cache	24 MB	HDMI version	2.1
Processor cache type	Smart Cache	Ethernet LAN (RJ-45) ports	1
Number of processors installed	1	Combo headphone/mic port	✓
Processor base power	35 W	DC-in jack	✓
Maximum turbo power	114 W	Number of rear USB ports	4
		Number of front USB ports	2
		Number of front audio ports	1
Neural processor unit (NPU)		Power	
Neural processor unit (NPU)	Intel AI Boost	Power supply *	90 W
Sparsity support	✓	Power supply input voltage	100 - 240 V
Windows Studio effects support	✓	Power supply input frequency	50 / 60 Hz
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Design	
Total processor performance up to	27 TOPs	Chassis type *	Micro PC
NPU performance up to	13 TOPs	Placement supported	Horizontal/Vertical
GPU performance up to	6 TOPs	Cable lock slot	✓
Memory		Cable lock slot type	Kensington
Internal memory *	16 GB	Product colour *	Black
Maximum internal memory *	64 GB	Intel® vPro™ Platform Eligibility	✓
Internal memory type	DDR5-SDRAM	Software	
Memory layout (slots x size)	1 x 16 GB	Operating system architecture	64-bit
Memory slots	2x SO-DIMM		
Non-ECC	✓		

<b>Memory</b>		<b>Software</b>	
Memory channels	Single-channel	Operating system installed *	Windows 11 Pro
Memory data transfer rate	5600 MT/s	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
<b>Storage</b>		<b>Display</b>	
Total storage capacity *	512 GB	Display included *	✗
Storage media *	SSD	<b>Audio</b>	
Optical drive type *	✗	Audio chip	Realtek ALC3204
Number of storage drives installed	1	Audio system	High Definition Audio
Total SSDs capacity	512 GB	<b>Operational conditions</b>	
Number of SSDs installed	1	Operating temperature (T-T)	10 - 35 °C
SSD capacity	512 GB	Storage temperature (T-T)	-40 - 65 °C
SSD interface	PCI Express 4.0	Operating relative humidity (H-H)	20 - 80%
NVMe	✓	Storage relative humidity (H-H)	5 - 95%
SSD form factor	M.2	Operating altitude	-15.2 - 3048 m
<b>Graphics</b>		Non-operating altitude	-15.2 - 10668 m
Discrete graphics card *	✗	Operating vibration	0.26 G
On-board graphics card *	✓	Non-operating vibration	1.37 G
Discrete graphics card model *	Not available	Operating shock	40 G
On-board GPU manufacturer	Intel	Non-operating shock	105 G
On-board graphics card family	Intel® Graphics	<b>Weight &amp; dimensions</b>	
On-board graphics card model *	Intel® Graphics	Width *	36 mm
<b>Performance</b>		Depth *	178 mm
Market positioning	Business	Height *	182 mm
Motherboard chipset	Intel® Q870	Weight *	1.16 kg
Trusted Platform Module (TPM)	✓	<b>Packaging content</b>	
Product type *	Mini PC	Mouse included on selected markets	Dell Optical Mouse-MS116 - Black
Trusted Platform Module (TPM) version	2.0	Keyboard included on selected markets	Dell Wired Keyboard - KB216 - UK (QWERTY) - Black
<b>Network</b>		<b>Sustainability</b>	
Ethernet LAN *	✓	Sustainability certificates	ENERGY STAR, EPEAT Climate +, EPEAT Gold
Ethernet LAN data rates	10,100,1000 Mbit/s	<b>Carbon footprint</b>	
Cabling technology	10/100/1000Base-T(X)	Total carbon footprint (kg of CO2e)	77.6
LAN controller	Intel WGI219LM	Carbon emissions, manufacturing (kg of CO2e)	41.52
Wi-Fi *	✓	Carbon emissions, logistics (kg of CO2e)	2.17
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)	Carbon emissions, energy usage (kg of CO2e)	33.45
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, end-of-life (kg of CO2e)	0.54
		PAIA version	GaBi version 1, 2024



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