



DELL Pro QCM1250 Intel Core Ultra 5 235T 8 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro Micro PC Mini PC Black

Brand : DELL

Product family: Pro

Product code:
BTO102_QCM1250_EMEA

Product name : QCM1250

DELL Pro QCM1250. Processor family: Intel Core Ultra 5, Processor model: 235T. Internal memory: 8 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		Ports & interfaces	
Processor manufacturer *	Intel	USB 2.0 ports quantity *	2
Processor family *	Intel Core Ultra 5	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Processor generation	Intel Core Ultra (Series 2)	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Processor model *	235T	HDMI ports quantity *	1
Processor cores	14	HDMI version	2.1
Processor threads	14	DisplayPorts quantity	1
Processor boost frequency	5 GHz	DisplayPort version	1.4a
Performance cores	6	Ethernet LAN (RJ-45) ports	1
Efficient cores	8	Combo headphone/mic port	✓
Performance-core Max Turbo Frequency	5 GHz	DC-in jack	✓
Efficient-core Max Turbo Frequency	4.4 GHz	Number of rear USB ports	4
Performance-core base frequency	2.2 GHz	Number of front USB ports	2
Efficient-core base frequency	1.6 GHz	Number of front audio ports	1
Processor cache	24 MB	Design	
Processor cache type	Smart Cache	Chassis type *	Micro PC
Number of processors installed	1	Placement supported	Horizontal/Vertical
Processor base power	35 W	Cable lock slot	✓
Maximum turbo power	114 W	Cable lock slot type	Kensington
Neural processor unit (NPU)		Product colour *	Black
Neural processor unit (NPU)	Intel AI Boost	Performance	
Sparsity support	✓	Market positioning	Business
Windows Studio effects support	✓	Motherboard chipset	Intel® Q870
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Trusted Platform Module (TPM)	✓
Total processor performance up to	27 TOPs	Product type *	Mini PC
NPU performance up to	13 TOPs	Trusted Platform Module (TPM) version	2.0
GPU performance up to	6 TOPs	Software	
Memory		Operating system architecture	64-bit
Internal memory *	8 GB	Operating system installed *	Windows 11 Pro
Maximum internal memory *	64 GB	McAfee® Business Protection 1-year, Activate Your Microsoft 365 For A 30 Day Trial	
Internal memory type	DDR5-SDRAM	Power	
Memory layout (slots x size)	1 x 8 GB	Power supply *	90 W
Memory slots	2x SO-DIMM		
Non-ECC	✓		
Memory channels	Single-channel		

Memory		Power	
Memory data transfer rate	5600 MT/s	Power supply input voltage	100 - 240 V
Storage		Power supply input frequency	50 / 60 Hz
Total storage capacity *	512 GB	Operational conditions	
Storage media *	SSD	Operating temperature (T-T)	10 - 35 °C
Optical drive type *	✗	Storage temperature (T-T)	-40 - 65 °C
Number of storage drives installed	1	Operating relative humidity (H-H)	20 - 80%
Total SSDs capacity	512 GB	Storage relative humidity (H-H)	5 - 95%
Number of SSDs installed	1	Operating altitude	-15.2 - 3048 m
SSD capacity	512 GB	Non-operating altitude	-15.2 - 10668 m
SSD interface	PCI Express 4.0	Operating vibration	0.26 G
NVMe	✓	Non-operating vibration	1.37 G
SSD form factor	M.2	Operating shock	40 G
Graphics		Non-operating shock	105 G
Discrete graphics card *	✗	Sustainability	
On-board graphics card *	✓	Sustainability certificates	ENERGY STAR, EPEAT Climate +, EPEAT Gold
Discrete graphics card model *	Not available	Weight & dimensions	
On-board GPU manufacturer	Intel	Width *	36 mm
On-board graphics card family	Intel® Graphics	Depth *	178 mm
On-board graphics card model *	Intel® Graphics	Height *	182 mm
Network		Weight *	1.16 kg
Ethernet LAN *	✓	Carbon footprint	
Ethernet LAN data rates	10,100,1000 Mbit/s	Total carbon footprint (kg of CO2e)	77.6
Cabling technology	10/100/1000Base-T(X)	Carbon emissions, manufacturing (kg of CO2e)	41.516
LAN controller	Intel WGI219LM	Carbon emissions, logistics (kg of CO2e)	2.1728
Wi-Fi *	✓	Carbon emissions, energy usage (kg of CO2e)	33.4456
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)	Carbon emissions, end-of-life (kg of CO2e)	0.54
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax)	PAIA version	GaBi version 1, 2024
WLAN controller manufacturer	Intel	Display	
WLAN controller model	Intel Wi-Fi 6E AX211	Display included *	✗
Antenna type	2x2	Audio	
Antenna design	Internal	Audio chip	Realtek ALC3204
Bluetooth	✓	Audio system	High Definition Audio



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