



DELL Pro QCM1250 Intel® Core™ i3 i3-14100T 8 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro Micro PC Mini PC Black

Brand : DELL

Product family: Pro

Product code:
BTO002_QCM1250_EMEA

Product name : QCM1250

DELL Pro QCM1250. Processor family: Intel® Core™ i3, Processor model: i3-14100T. Internal memory: 8 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel UHD Graphics 730. Wi-Fi. Operating system installed: Windows 11 Pro, Operating system architecture: 64-bit. Power supply: 65 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™ i3	HDMI version	2.1
Processor generation	Intel® Core™ i3 (14th gen)	DisplayPorts quantity	1
Processor model *	i3-14100T	DisplayPort version	1.4a
Processor cores	4	Ethernet LAN (RJ-45) ports	1
Processor threads	8	Combo headphone/mic port	✓
Processor boost frequency	4.4 GHz	DC-in jack	✓
Performance cores	4	Number of rear USB ports	4
Performance-core Max Turbo Frequency	4.4 GHz	Number of front USB ports	2
Performance-core base frequency	2.7 GHz	Number of front audio ports	1
Processor cache	12 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	69 W	Cable lock slot type	Kensington
Neural processor unit (NPU)		Product colour *	Black
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Performance	
Memory		Market positioning	Business
Internal memory *	8 GB	Motherboard chipset	Intel® Q870
Maximum internal memory *	64 GB	Trusted Platform Module (TPM)	✓
Internal memory type	DDR5-SDRAM	Product type *	Mini PC
Memory layout (slots x size)	1 x 8 GB	Trusted Platform Module (TPM) version	2.0
Memory slots	2x SO-DIMM	Software	
Non-ECC	✓	Operating system architecture	64-bit
Memory channels	Single-channel	Operating system installed *	Windows 11 Pro
Memory data transfer rate	4800 MT/s	Trial software	McAfee Business Protection 1-year, No Microsoft Office License included (Fed and Premier, Exception Only)
Storage			
Total storage capacity *	512 GB	Power	
Storage media *	SSD	Power supply *	65 W
Optical drive type *	✗	Power supply input voltage	100 - 240 V
Number of storage drives installed	1	Power supply input frequency	50 / 60 Hz
Total SSDs capacity	512 GB		
Number of SSDs installed	1		
SSD capacity	512 GB		

Storage		Operational conditions	
SSD memory type	TLC	Operating temperature (T-T)	10 - 35 °C
SSD interface	PCI Express 4.0	Storage temperature (T-T)	-40 - 65 °C
NVMe	✓	Operating relative humidity (H-H)	20 - 80%
SSD form factor	M.2	Storage relative humidity (H-H)	5 - 95%
Graphics		Operating altitude	-15.2 - 3048 m
Discrete graphics card *	✗	Non-operating altitude	-15.2 - 10668 m
On-board graphics card *	✓	Operating vibration	0.26 G
Discrete graphics card model *	Not available	Non-operating vibration	1.37 G
On-board GPU manufacturer	Intel	Operating shock	40 G
On-board graphics card family	Intel® UHD Graphics	Non-operating shock	105 G
On-board graphics card model *	Intel UHD Graphics 730	Sustainability	
Network		Sustainability certificates	ENERGY STAR, EPEAT Climate +, EPEAT Gold
Ethernet LAN *	✓	Weight & dimensions	
Ethernet LAN data rates	10,100,1000 Mbit/s	Width *	36 mm
Cabling technology	10/100/1000Base-T(X)	Depth *	178 mm
LAN controller	Intel WGI219LM	Height *	182 mm
Wi-Fi *	✓	Weight *	1.16 kg
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)	Carbon footprint	
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax)	Total carbon footprint (kg of CO2e)	77.6
WLAN controller manufacturer	Intel	Carbon emissions, manufacturing (kg of CO2e)	41.516
WLAN controller model	Intel Wi-Fi 6E AX211	Carbon emissions, logistics (kg of CO2e)	2.1728
Antenna type	2x2	Carbon emissions, energy usage (kg of CO2e)	33.4456
Bluetooth	✓	Carbon emissions, end-of-life (kg of CO2e)	0.54
Ports & interfaces		PAIA version	GaBi version 1, 2024
USB 2.0 ports quantity *	2	Display	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Display included *	✗
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1	Audio	
		Audio chip	Realtek ALC3204
		Audio system	High Definition Audio

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