



DELL Pro QBM1250 Plus Intel Core Ultra 5 235 16 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro Micro PC Mini PC Black

Brand : DELL

Product family: Pro

Product code:
BTO103_QBM1250_EMEA

Product name : QBM1250 Plus

DELL Pro QBM1250 Plus. Processor family: Intel Core Ultra 5, Processor model: 235. 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: 180 W. Chassis type: Micro PC. Product type: Mini PC. Weight: 1.43 kg. Product colour: Black



Processor		Network	
Processor manufacturer *	Intel	Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Processor family *	Intel Core Ultra 5	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax)
Processor generation	Intel Core Ultra (Series 2)		
Processor model *	235	WLAN controller manufacturer	Intel
Processor cores	14	WLAN controller model	Intel Wi-Fi 6E AX211
Processor threads	14	Antenna type	2x2
Processor boost frequency	5 GHz	Bluetooth	✓
Performance cores	6	Ports & interfaces	
Efficient cores	8	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Performance-core Max Turbo Frequency	5 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	4
Efficient-core Max Turbo Frequency	4.4 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Performance-core base frequency	3.4 GHz	USB 3.2 Gen 2x2 Type-C ports quantity	1
Efficient-core base frequency	2.9 GHz	DisplayPorts quantity	3
Processor cache	24 MB	DisplayPort version	1.4a
Processor cache type	Smart Cache	Ethernet LAN (RJ-45) ports	1
Number of processors installed	1	Combo headphone/mic port	✓
Processor base power	65 W	DC-in jack	✓
Maximum turbo power	121 W	Number of rear USB ports	5
Neural processor unit (NPU)		Number of front USB ports	3
Neural processor unit (NPU)	Intel AI Boost	Number of front audio ports	1
Sparsity support	✓	Power	
Windows Studio effects support	✓	Power supply *	180 W
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Power supply input voltage	100 - 240 V
Total processor performance up to	27 TOPs	Power supply input frequency	50 / 60 Hz
NPU performance up to	13 TOPs	Design	
GPU performance up to	6 TOPs	Chassis type *	Micro PC
Memory		Placement supported	Horizontal/Vertical
Internal memory *	16 GB	Cable lock slot	✓
Maximum internal memory *	64 GB	Cable lock slot type	Kensington
Internal memory type	DDR5-SDRAM	Product colour *	Black
Memory layout (slots x size)	1 x 16 GB		
Memory slots	2x SO-DIMM		
Non-ECC	✓		
Memory channels	Single-channel		

Memory		Software	
Memory data transfer rate	5600 MT/s	Operating system architecture	64-bit
Storage		Operating system installed *	Windows 11 Pro
Total storage capacity *	512 GB	Trial software	McAfee Business Protection 1-year, No Microsoft Office License included (Fed and Premier, Exception Only)
Storage media *	SSD		
Optical drive type *	✗	Display	
Number of storage drives installed	1	Display included *	✗
Total SSDs capacity	512 GB	Audio	
Number of SSDs installed	1	Audio chip	Realtek ALC3204
SSD capacity	512 GB	Audio system	High Definition Audio
SSD memory type	TLC	Operational conditions	
SSD interface	PCI Express 4.0	Operating temperature (T-T)	10 - 35 °C
NVMe	✓	Storage temperature (T-T)	-40 - 65 °C
SSD form factor	M.2	Operating relative humidity (H-H)	20 - 80%
Graphics		Storage relative humidity (H-H)	5 - 95%
Discrete graphics card *	✗	Operating altitude	-15.2 - 3048 m
On-board graphics card *	✓	Non-operating altitude	-15.2 - 10668 m
Discrete graphics card model *	Not available	Operating vibration	0.26 G
On-board GPU manufacturer	Intel	Non-operating vibration	1.37 G
On-board graphics card family	Intel® Graphics	Operating shock	40 G
On-board graphics card model *	Intel® Graphics	Non-operating shock	105 G
Performance		Weight & dimensions	
Market positioning	Business	Width *	36 mm
Motherboard chipset	Intel® Q870	Depth *	178 mm
Trusted Platform Module (TPM)	✓	Height *	182 mm
Product type *	Mini PC	Weight *	1.43 kg
Trusted Platform Module (TPM) version	2.0	Packaging content	
Network		Cables included	AC
Ethernet LAN *	✓	AC adapter included	✓
Ethernet LAN data rates	10,100,1000 Mbit/s	Sustainability	
Cabling technology	10/100/1000Base-T(X)	Sustainability certificates	ENERGY STAR, EPEAT Climate +, EPEAT Gold
LAN controller	Intel WGI219LM	Doesn't contain	PVC/BFR
Wi-Fi *	✓	Carbon footprint	
		Total carbon footprint (kg of CO2e)	80.7
		Carbon emissions, manufacturing (kg of CO2e)	45.03
		Carbon emissions, logistics (kg of CO2e)	2.26
		Carbon emissions, energy usage (kg of CO2e)	32.84
		Carbon emissions, end-of-life (kg of CO2e)	0.56
		PAIA version	GaBi version 1, 2024



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