DELL Pro Plus QBM1250 Intel Core Ultra 5 235 16 GB DDR5-SDRAM 256 GB SSD Windows 11 Pro Micro PC Mini PC Black



Brand : DELL **Product family:** Pro **Product code:** XP4K3

Product name : Plus QBM1250

- Windows 11 Pro 64-bit
- Intel Core Ultra 5 235 (24MB Cache)
- 16GB DDR5-SDRAM & 256GB SSD

Intel Core Ultra 5 235 (24MB Cache), 16GB DDR5-SDRAM, 256GB SSD, Intel Graphics, LAN, WLAN, Bluetooth, Windows 11 Pro 64-bit

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Big power. Small footprint.
Ultracompact desktop with superior performance, speeds and connectivity powered by Intel® Core™ Ultra (Series 2) desktop processors, up to U9.
DELL Pro Plus QBM1250. Processor family: Intel Core Ultra 5, Processor model: 235. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 256 GB, Storage media: SSD. On-board graphics card model: Intel® Graphics. Wi-Fi. Operating system installed: Windows 11 Pro, Operating system architecture: 64-bit. Chassis type: Micro PC. Product type: Mini PC. Product colour: Black

Processor	
Processor manufacturer *	Intel
Processor family *	Intel Core Ultra 5
Processor generation	Intel Core Ultra (Series 2)
Processor model *	235
Processor cores	14
Processor threads	14
Processor boost frequency	5 GHz
Performance cores	6
Efficient cores	8
Performance-core Max Turbo Frequency	5 GHz
Efficient-core Max Turbo Frequency	4.4 GHz
Performance-core base frequency	3.4 GHz
Efficient-core base frequency	2.9 GHz
Processor cache	24 MB
Processor cache type	Smart Cache
Number of processors installed	1
Processor base power	65 W
Maximum turbo power	121 W

Neural processor unit (NPU)	
Neural processor unit (NPU)	Intel AI Boost
Sparsity support	✔
Windows Studio effects support	✔
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN
Total processor performance up to	27 TOPs
NPU performance up to	13 TOPs
GPU performance up to	6 TOPs

Memory	
Internal memory *	16 GB
Maximum internal memory *	64 GB
Internal memory type	DDR5-SDRAM
Memory layout (slots x size)	1 x 16 GB
Memory slots	2x SO-DIMM

Network	
WLAN controller manufacturer	Intel
WLAN controller model	Intel Wi-Fi 6E AX211
Antenna type	2x2
Antenna design	Internal
Bluetooth	✔

Ports & interfaces	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	4
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
USB 3.2 Gen 2x2 Type-C ports quantity	1
DisplayPorts quantity	3
DisplayPort version	1.4a
Ethernet LAN (RJ-45) ports	1
Combo headphone/mic port	✔
DC-in jack	✔
Number of rear USB ports	5
Number of front USB ports	3
Number of front audio ports	1

Power	
Power supply input voltage	100 - 240 V
Power supply input frequency	50 / 60 Hz

Design	
Chassis type *	Micro PC
Placement supported	Horizontal/Vertical
Cable lock slot	✔
Cable lock slot type	Kensington
Product colour *	Black

Software	
Operating system architecture	64-bit

Memory	
Non-ECC	✔
Memory data transfer rate	5600 MT/s

Storage	
Total storage capacity *	256 GB
Storage media *	SSD
Optical drive type *	✕
Number of storage drives installed	1
Total SSDs capacity	256 GB
Number of SSDs installed	1
SSD capacity	256 GB
SSD interface	PCI Express 4.0
NVMe	✔
SSD form factor	M.2

Graphics	
Discrete graphics card *	✕
On-board graphics card *	✔
Discrete graphics card model *	Not available
On-board GPU manufacturer	Intel
On-board graphics card family	Intel® Graphics
On-board graphics card model *	Intel® Graphics

Performance	
Market positioning	Business
Motherboard chipset	Intel® Q870
Trusted Platform Module (TPM)	✔
Product type *	Mini PC
Trusted Platform Module (TPM) version	2.0

Network	
Ethernet LAN *	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Cabling technology	10/100/1000Base-T(X)
LAN controller	Intel WGI219LM
Wi-Fi *	✔
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax)

Software	
Operating system installed *	Windows 11 Pro
Trial software	Activate Your Microsoft 365 For A 30 Day Trial

Display	
Display included *	✕

Audio	
Audio chip	Realtek ALC3204
Audio system	High Definition Audio

Operational conditions	
Operating temperature (T-T)	10 - 35 °C
Storage temperature (T-T)	-40 - 65 °C
Operating relative humidity (H-H)	20 - 80%
Storage relative humidity (H-H)	5 - 95%
Operating altitude	-15.2 - 3048 m
Non-operating altitude	-15.2 - 10668 m
Operating vibration	0.26 G
Non-operating vibration	1.37 G
Operating shock	40 G
Non-operating shock	105 G

Weight & dimensions	
Width *	36 mm
Depth *	178 mm
Height *	182 mm

Packaging content	
Cables included	AC
Box contents	180 Watt A/C Adapter,Power Cord (US) for 180W Adapter,1st M.2 2230 SSD Extend Bracket & Screw

Sustainability	
Sustainability certificates	ENERGY STAR, EPEAT Climate +, EPEAT Gold
Doesn't contain	PVC/BFR

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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