

Dell Pro Micro QCM1250 (7YMHK)

Dell Pro Micro QCM1250 - AI PC - micro Core Ultra 5 235T / up to 5 GHz - RAM 16 GB - SSD 512 GB - NVMe - Intel Graphics - Gigabit Ethernet, Bluetooth, IEEE 802.11ax (Wi-Fi 6E) - Win 11 Pro - monitor: none - black - BTS - with 1 Year Basic Onsite (AT, DE - 2 Years)



The Dell Pro Micro QCM1250 is designed to deliver reliable performance in an ultra compact form factor. Powered by the Core Ultra 5 processor and installed with 16 GB of DDR5 SDRAM, this personal computer is well-equipped for multitasking and demanding applications. The system supports modern connectivity, including Wi-Fi 6E and multiple USB ports, ensuring a smooth user experience whether working from home or in a commercial setting. With a solid-state drive interface using PCI Express 4.0, the Dell Pro Micro QCM1250 provides fast data transfer and system responsiveness. Complemented by an integrated Realtek high definition audio codec and a compact design, this system provides versatility to fit in various environments while maintaining essential functionality. EPEAT Silver and ENERGY STAR certifications highlight the system's commitment to environmental responsibility.

Key Selling Points

- Compact ultra small form factor design
- Equipped with Intel Core Ultra 5 processor
- 16 GB DDR5 RAM for efficient multitasking
- Supports Wi-Fi 6E for fast wireless connectivity
- Includes ENERGY STAR and EPEAT Silver certifications

Product Features

- Powerful processing capability**
The Dell Pro Micro QCM1250 features the Intel Core Ultra 5 processor, providing performance with 14 cores and a maximum turbo speed of 5 GHz. This enables seamless multitasking while handling demanding applications.
- Ample storage options**
This system comes with an SSD that utilizes PCI Express 4.0 technology, allowing for faster data access and boot times. The M.2 form factor supports various storage configurations to meet diverse requirements.
- Advanced connectivity features**
With support for Wi-Fi 6E and a variety of ports including USB-C, HDMI, and DisplayPort, the Dell Pro Micro QCM1250 accommodates all your connectivity needs, ensuring easy integration into your existing setup.
- Environmentally responsible design**
The device features ENERGY STAR and EPEAT Silver certifications, reflecting its commitment to minimizing environmental impact while delivering high performance in a compact unit.

Main specifications

Product Description	Dell Pro Micro QCM1250 - micro - AI PC - Core Ultra 5 235T 2.2 GHz - 16 GB - SSD 512 GB
Type	Personal computer - micro - AI PC
Bundled Services	1 Year Basic Onsite (AT, DE - 2 Years)
Processor	Intel Core Ultra 5 (Series 2) 235T / 2.2 GHz (up to 5 GHz, (14-core)
Processor Main Features	14 Threads, 35W CPU
Neural Processor Unit (NPU)	Intel AI Boost - up to 13 TOPS
Cache Memory	24 MB
Cache Per Processor	24 MB
RAM	16 GB (installed) / 64 GB (max) - DDR5 SDRAM - non-ECC
Hard Drive	SSD 512 GB - PCI Express 4.0 - M.2 - NVM Express (NVMe)
Optical Storage	No optical drive
Graphics Controller	Intel Graphics Shared Video Memory (UMA) - up to 6 TOPS
Networking	1GbE, Bluetooth, 802.11a, 802.11b/g/n, Wi-Fi 5, Wi-Fi 6E
Power	(50/60 Hz)
OS Provided	Windows 11 Pro
Software Included	Activate your Microsoft 365 for a 30 day trial
Colour	Black
Dimensions (WxDxH)	3.6 cm x 17.8 cm x 18.2 cm

Weight	1.16 kg
Pricing Type	Build To Stock (BTS)
Environmental Standards	ENERGY STAR Qualified EPEAT Gold
Carbon Footprint	77.6 kg carbon emissions

Extended specification

Monitor

Monitor Type	None.
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Processor / Chipset

CPU	Intel Core Ultra 5 (Series 2) 235T
Clock Speed	2.2 GHz (P-core) / 1.6 GHz (E-core)
Max Turbo Speed	5 GHz (P-core) / 4.4 GHz (E-core)
Number of Cores	14-core
CPU Qty	1
Max CPU Qty	1
Processor Main Features	14 Threads, 35W CPU
Chipset Type	Intel Q870

Cache Memory

Installed Size	24 MB
Cache Per Processor	24 MB

General

Type	Personal computer
AI Level	AI PC
Bundled Services	1 Year Basic Onsite (AT, DE - 2 Years)
Product Form Factor	Micro
Built-in Devices	Internal aerial
Embedded Security	Trusted Platform Module (TPM 2.0) Security Chip
Colour	Black

Environmental Parameters

Min Operating Temperature	10 °C
Max Operating Temperature	35 °C
Humidity Range Operating	20 - 80% (non-condensing)

Dimensions & Weight

Width	3.6 cm
Depth	17.8 cm
Height	18.2 cm
Weight	1.16 kg

Power

Device Type	Power adapter
Voltage Required	AC 100-240 V (50/60 Hz)
Power Provided	90 watt

Neural Processor Unit (NPU)

Neural Processor Unit (NPU)	Intel AI Boost
NPU Performance Up To (TOPS)	13 TOPS
Total Processor Performance Up To (TOPS)	27 TOPS
AI Datatype Support on NPU	INT8
Sparsity Support	Yes
AI Software Frameworks Supported by NPU	DirectML, OpenVINO, WebNN, WindowsML, ONNX RT
Windows Studio Effects Support	Yes

Sustainability Information

EPEAT Compliant	EPEAT Gold
ENERGY STAR Certified	Yes
Carbon Footprint	77.6 kg carbon emissions
Manufacturing (kg CO2e)	41.52
Logistics (kg CO2e)	2.17
Use (kg CO2e)	33.45
EOL (kg CO2e)	0.54
Total Carbon w/o Use Phase (kg CO2e)	44
PAIA Version	GaBi version 1, 2024

Networking

Interface (Bus) Type	M.2 2230
Ethernet Controller	Intel I219-LM
Wireless LAN Supported	Yes
Wireless NIC	Intel Wi-Fi 6E AX 211
Data Link Protocol	Ethernet, Fast Ethernet, Gigabit Ethernet, Bluetooth, IEEE 802.11b, IEEE 802.11a, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac, IEEE 802.11ax (Wi-Fi 6E)
Features	Dual stream (2x2)
Compliant Standards	IEEE 802.11b, IEEE 802.11a, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac, IEEE 802.11ax

Audio Output

Compliant Standards	High Definition Audio
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RAM

Installed Size	16 GB (installed) / 64 GB (max)
Technology	DDR5 SDRAM - non-ECC
Effective Memory Speed	5600 MT/s
Rated Memory Speed	5600 MT/s
Form Factor	SO-DIMM 262-pin
Slots	2 (Total) / 1 (empty)
Configuration Features	1 x 16 GB

Graphics Controller

Graphics Processor	Intel Graphics Shared Video Memory (UMA) - up to 6 TOPS
Video Interfaces	HDMI, DisplayPort

Hard Drive

Type	SSD - M.2
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Capacity	1 x 512 GB
Interface Type	PCI Express 4.0
Features	NVM Express (NVMe)

Optical Storage

Type	No optical drive
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Miscellaneous

Theft/Intrusion Protection	Security lock slot (cable lock sold separately), padlock loop, chassis intrusion switch
Security Slot Type	Kensington security slot
Pricing Type	Build To Stock (BTS)

Keyboard

Keyboard Name	Dell KB216 Wired Keyboard
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Mouse

Mouse Name	Dell MS116 USB Optical Mouse
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Input Device

Type	Mouse (on selected markets only), keyboard (on selected markets only)
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Operating System / Software

OS Provided	Windows 11 Pro
Software	Activate your Microsoft 365 for a 30 day trial

Expansion / Connectivity

Slots	2 (total) / 1 (free) x M.2 Card - 2230/2280 (for SSD) ¦ 1 (total) / 0 (free) x M.2 Card - 2230 (for wireless module)
Interfaces	1 x LAN (Gigabit Ethernet) ¦ 1 x USB-C 3.2 Gen 2 ¦ 3 x USB 3.2 Gen 1 (one of them supports SmartPower On) ¦ 2 x USB 2.0 ¦ 1 x headphones/microphone ¦ 1 x HDMI ¦ 1 x DisplayPort 1.4a

What's in the box

Dell Pro Micro QCM1250

Power adapter

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