DELL Pro QCM1255 AMD Ryzen™ 5 PRO 8500GE 16 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro Micro PC Mini PC Black

Brand : DELL **Product family:** Pro **Product code:** J3HWW

Product name : QCM1255

DELL Pro QCM1255. Processor frequency: 3.4 GHz, Processor family: AMD Ryzen™ 5 PRO, Processor model: 8500GE. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: AMD Radeon 740M. Operating system installed: Windows 11 Pro, Operating system architecture: 64-bit. Power supply: 65 W. Chassis type: Micro PC. Product type: Mini PC. Weight: 1.39 kg. Product colour: Black

Processor	
Processor manufacturer *	AMD
Processor family *	AMD Ryzen™ 5 PRO
Processor generation	AMD Ryzen PRO 8000 Series
Processor model *	8500GE
Processor cores	6
Processor threads	12
Processor boost frequency	5 GHz
Processor frequency *	3.4 GHz
L2 cache	6 MB
L3 cache	16 MB
Number of processors installed	1
Processor base power	35 W
Neural processor unit (NPU)	
Neural processor unit (NPU)	✗
Memory	
Internal memory *	16 GB
Maximum internal memory *	64 GB
Internal memory type	DDR5-SDRAM
Memory layout (slots x size)	2 x 8 GB
Memory slots	2x SO-DIMM
Non-ECC	✓
Memory data transfer rate	4800 MT/s
Storage	
Total storage capacity *	512 GB
Storage media *	SSD
Optical drive type *	✗
Number of storage drives installed	1
Total SSDs capacity	512 GB
Number of SSDs installed	1
SSD capacity	512 GB
SSD interface	PCI Express
NVMe	✓
SSD form factor	M.2

Ports & interfaces	
Combo headphone/mic port	✓
DC-in jack	✓
Power adapter barrel connector	4.5 mm
Design	
Chassis type *	Micro PC
Placement supported	Horizontal/Vertical
Cable lock slot	✓
Cable lock slot type	Kensington
Product colour *	Black
Performance	
Motherboard chipset	AMD PRO 665
Audio output channels	4.0 channels
Built-in speaker(s)	✓
Trusted Platform Module (TPM)	✓
Product type *	Mini PC
Trusted Platform Module (TPM) version	2.0
Software	
Operating system architecture	64-bit
Operating system installed *	Windows 11 Pro
Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Power	
Power supply *	65 W
Power supply input voltage	100 - 240 V
Power supply input frequency	50/60 Hz
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

Graphics	
Discrete graphics card *	✗
On-board graphics card *	✓
Discrete graphics card model *	Not available
On-board GPU manufacturer	AMD
On-board graphics card family	AMD Radeon
On-board graphics card model *	AMD Radeon 740M

Network	
Ethernet LAN *	✓
Ethernet LAN data rates	10,100,1000 Mbit/s
Cabling technology	10/100/1000Base-T(X)
Wi-Fi *	✓
Top Wi-Fi standard	Wi-Fi 6 (802.11ax)
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)
WLAN controller manufacturer	MediaTek
WLAN controller model	MediaTek MT7920
Antenna type	2x2
Antenna design	Internal
Bluetooth	✓
MU-MIMO	✓

Ports & interfaces	
USB 2.0 ports quantity *	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
HDMI ports quantity *	1
HDMI version	2.1
DisplayPorts quantity	1
DisplayPort version	1.4a
Ethernet LAN (RJ-45) ports	1

Operational conditions	
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
Weight *	1.39 kg

Packaging content	
Cables included	AC

Carbon footprint	
Total carbon footprint (kg of CO2e)	92.7
Carbon emissions, manufacturing (kg of CO2e)	46.5354
Carbon emissions, logistics (kg of CO2e)	2.2248
Carbon emissions, energy usage (kg of CO2e)	43.4763
Carbon emissions, end-of-life (kg of CO2e)	0.46
PAIA version	GaBi version 1, 2024

Display	
Display included *	✗

Audio	
Audio chip	Realtek ALC3204
Audio system	High Definition Audio

Other features	
Doesn't contain	PVC/BFR

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