



Product code: MT3C2

Product name : QCT1255

- Windows 11 Pro 64-bit
- AMD Ryzen 5 8500G (16MB Cache, 3.5GHz)
- 16GB DDR5-SDRAM (1 x 16) & 512GB SSD

AMD Ryzen 5 8500G (16MB Cache, 3.5GHz), 16GB DDR5-SDRAM, 512GB SSD, AMD Radeon 740M, LAN,
Windows 11 Pro 64-bit

DELL Pro QCT1255. Processor frequency: 3.5 GHz, Processor family: AMD Ryzen™ 5, Processor model: 8500G. 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: 180 W. Chassis type: Tower. Product type: PC. Weight: 6.76 kg. Product colour: Black

Processor		Ports & interfaces	
Processor manufacturer *	AMD	DisplayPort version	1.4a
Processor family *	AMD Ryzen™ 5	HDMI ports quantity *	1
Processor generation	AMD Ryzen 8000 Series	HDMI version	2.1
Processor model *	8500G	Ethernet LAN (RJ-45) ports	1
Processor cores	6	Combo headphone/mic port	✓
Processor threads	12	Power	
Processor boost frequency	5 GHz	Power supply *	180 W
Processor frequency *	3.5 GHz	Power supply input voltage	90 - 264 V
Processor cache	16 MB	Power supply input frequency	47/63 Hz
Processor cache type	L3	Design	
Number of processors installed	1	Chassis type *	Tower
Processor base power	65 W	Placement supported	Horizontal/Vertical
Memory		Cable lock slot	✓
Internal memory *	16 GB	Cable lock slot type	Kensington
Maximum internal memory *	64 GB	Product colour *	Black
Internal memory type	DDR5-SDRAM	Software	
Memory layout (slots x size)	1 x 16 GB	Operating system architecture	64-bit
Memory slots	2x DIMM	Operating system installed *	Windows 11 Pro
ECC	✗	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Non-ECC	✓	Display	
Memory data transfer rate	4800 MT/s	Display included *	✗
Storage			
Total storage capacity *	512 GB		

Storage		Audio	
Storage media *	SSD	Audio chip	Realtek ALC3204
Optical drive type *	✗	Audio system	High Definition Audio
Total SSDs capacity	512 GB	Operational conditions	
Number of SSDs installed	1	Operating temperature (T-T)	10 - 35 °C
SSD capacity	512 GB	Storage temperature (T-T)	-40 - 65 °C
Graphics		Operating relative humidity (H-H)	20 - 80%
Discrete graphics card *	✗	Storage relative humidity (H-H)	5 - 95%
On-board graphics card *	✓	Operating altitude	-15.2 - 3048 m
Discrete graphics card model *	Not available	Non-operating altitude	-15.2 - 10668 m
On-board GPU manufacturer	AMD	Operating vibration	0.26 G
On-board graphics card family	AMD Radeon	Non-operating vibration	1.37 G
On-board graphics card model *	AMD Radeon 740M	Operating shock	40 G
Performance		Non-operating shock	105 G
Trusted Platform Module (TPM)	✓	Weight & dimensions	
Product type *	PC	Width *	154 mm
Trusted Platform Module (TPM) version	2.0	Depth *	293 mm
Network		Height *	324.3 mm
Ethernet LAN *	✓	Weight *	6.76 kg
Ethernet LAN data rates	10,100,1000 Mbit/s	Packaging content	
Cabling technology	10/100/1000Base-T(X)	Cables included	AC
Wi-Fi *	✗	Sustainability	
Ports & interfaces		Doesn't contain	PVC/BFR
USB 2.0 ports quantity *	4	Carbon footprint	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Total carbon footprint (kg of CO2e)	196
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1	Carbon emissions, manufacturing (kg of CO2e)	106.82
PowerShare	✓	Carbon emissions, logistics (kg of CO2e)	12.74
Number of USB ports with PowerShare support	2	Carbon emissions, energy usage (kg of CO2e)	68.6
DisplayPorts quantity	1	Carbon emissions, end-of-life (kg of CO2e)	7.84
		PAIA version	GaBi version 1, 2024



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