



DELL Pro QCS1255 AMD Ryzen™ 5 8600G 16 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro Slim PC PC Black

Brand : DELL

Product family: Pro

Product code:
BTO523_QCS1255_EMEA_NOKB

Product name : QCS1255

- Windows 11 Pro 64-bit
- AMD Ryzen 5 8600G (22MB Cache, 4.3GHz)
- 16GB DDR5-SDRAM (1 x 16) & 512GB SSD
AMD Ryzen 5 8600G (22MB Cache, 4.3GHz), 16GB DDR5-SDRAM, 512GB SSD, AMD Radeon 760M, LAN, WLAN, Bluetooth, Windows 11 Pro 64-bit

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Dell Pro Slim AMD: A compact PC with a sleek design and enhanced thermals with AMD Ryzen™ series processors or upgrade to AMD Ryzen™ processors (8000 Series) processors for enhanced AI performance.

DELL Pro QCS1255. Processor frequency: 4.3 GHz, Processor family: AMD Ryzen™ 5, Processor model: 8600G. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: AMD Radeon 760M. Wi-Fi. Operating system installed: Windows 11 Pro, Operating system architecture: 64-bit. Chassis type: Slim PC. Product type: PC. Weight: 5.68 kg. Product colour: Black



Processor		Ports & interfaces	
Processor manufacturer *	AMD	Combo headphone/mic port	✓
Processor family *	AMD Ryzen™ 5	Number of SATA III connectors	2
Processor generation	AMD Ryzen 8000 Series	Expansion slots	
Processor model *	8600G	PCI Express x1 (Gen 3.x) slots	2
Processor cores	6	PCI Express x16 (Gen 4.x) slots	1
Processor threads	12	Design	
Processor boost frequency	5 GHz	Chassis type *	Slim PC
Processor frequency *	4.3 GHz	Placement supported	Horizontal/Vertical
Processor cache	22 MB	Cable lock slot	✓
Processor cache type	L2 & L3	Cable lock slot type	Kensington
Number of processors installed	1	Product colour *	Black
Processor base power	35 W	Performance	
Neural processor unit (NPU)		Motherboard chipset	AMD PRO 665
Neural processor unit (NPU)	AMD Ryzen AI	Trusted Platform Module (TPM)	✓
NPU performance up to	16 TOPs	Product type *	PC
Memory		Trusted Platform Module (TPM) version	2.0
Internal memory *	16 GB	Software	
Maximum internal memory *	64 GB	Operating system architecture	64-bit
Internal memory type	DDR5-SDRAM	Operating system installed *	Windows 11 Pro
Memory layout (slots x size)	1 x 16 GB		
Memory slots	2x DIMM		
Non-ECC	✓		
Memory data transfer rate	4800 MT/s		

Storage		Power	
Total storage capacity *	512 GB	Power supply input voltage	90 - 264 V
Storage media *	SSD	Power supply input frequency	47/63 Hz
Optical drive type *	✗	Operational conditions	
Number of storage drives installed	1	Operating temperature (T-T)	10 - 35 °C
Total SSDs capacity	512 GB	Storage temperature (T-T)	-40 - 65 °C
Number of SSDs installed	1	Operating relative humidity (H-H)	10 - 90%
SSD capacity	512 GB	Storage relative humidity (H-H)	0 - 95%
SSD interface	PCI Express	Operating altitude	-15.2 - 3048 m
NVMe	✓	Non-operating altitude	-15.2 - 10668 m
SSD form factor	M.2	Operating vibration	0.66 G
Graphics		Non-operating vibration	1.3 G
Discrete graphics card *	✗	Operating shock	110 G
On-board graphics card *	✓	Non-operating shock	160 G
Discrete graphics card model *	Not available	Weight & dimensions	
On-board GPU manufacturer	AMD	Width *	95 mm
On-board graphics card family	AMD Radeon	Depth *	293 mm
On-board graphics card model *	AMD Radeon 760M	Height *	303.5 mm
Network		Weight *	5.68 kg
Ethernet LAN *	✓	Packaging content	
Ethernet LAN data rates	10,100,1000 Mbit/s	Mouse included	✗
Cabling technology	10/100/1000Base-T(X)	Keyboard included	✗
Wi-Fi *	✓	Cables included	AC
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)	Carbon footprint	
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax)	Total carbon footprint (kg of CO2e)	162
WLAN controller manufacturer	MediaTek	Carbon emissions, manufacturing (kg of CO2e)	75.978
WLAN controller model	MediaTek MT7920	Carbon emissions, logistics (kg of CO2e)	9.882
Antenna type	2x2	Carbon emissions, energy usage (kg of CO2e)	72.576
Antenna design	Internal	Carbon emissions, end-of-life (kg of CO2e)	3.4
Bluetooth	✓	PAIA version	GaBi version 1, 2024
MU-MIMO	✓	Display	
Ports & interfaces		Display included *	✗
USB 2.0 ports quantity *	4	Audio	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Audio chip	Realtek ALC3204
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1	Audio system	High Definition Audio
HDMI ports quantity *	1	Other features	
HDMI version	2.1	Doesn't contain	PVC/BFR
DisplayPorts quantity	1		
DisplayPort version	1.4a		
Ethernet LAN (RJ-45) ports	1		

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