



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	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Processor family *	AMD Ryzen™ 5	DisplayPorts quantity	1
Processor generation	AMD Ryzen 8000 Series	DisplayPort version	1.4a
Processor model *	8600G	HDMI ports quantity *	1
Processor cores	6	HDMI version	2.1
Processor threads	12	Ethernet LAN (RJ-45) ports	1
Processor boost frequency	5 GHz	Combo headphone/mic port	✓
Processor frequency *	4.3 GHz	Number of SATA III connectors	2
Processor cache	22 MB	Expansion slots	
Processor cache type	L2 & L3	PCI Express x1 (Gen 3.x) slots	2
Number of processors installed	1	PCI Express x16 (Gen 4.x) slots	1
Processor base power	35 W	Power	
Neural processor unit (NPU)		Power supply input voltage	90 - 264 V
Neural processor unit (NPU)	AMD Ryzen AI	Power supply input frequency	47/63 Hz
NPU performance up to	16 TOPs	Design	
Memory		Chassis type *	Slim PC
Internal memory *	16 GB	Placement supported	Horizontal/Vertical
Maximum internal memory *	64 GB	Cable lock slot	✓
Internal memory type	DDR5-SDRAM	Cable lock slot type	Kensington
Memory layout (slots x size)	1 x 16 GB	Product colour *	Black
Memory slots	2x DIMM		
Non-ECC	✓		
Memory data transfer rate	4800 MT/s		

Storage		Software	
Total storage capacity *	512 GB	Operating system architecture	64-bit
Storage media *	SSD	Operating system installed *	Windows 11 Pro
Optical drive type *	✗	Display	
Number of storage drives installed	1	Display included *	✗
Total SSDs capacity	512 GB	Audio	
Number of SSDs installed	1	Audio chip	Realtek ALC3204
SSD capacity	512 GB	Audio system	High Definition Audio
SSD interface	PCI Express	Operational conditions	
NVMe	✓	Operating temperature (T-T)	10 - 35 °C
SSD form factor	M.2	Storage temperature (T-T)	-40 - 65 °C
Graphics		Operating relative humidity (H-H)	10 - 90%
Discrete graphics card *	✗	Storage relative humidity (H-H)	0 - 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	0.66 G
On-board graphics card family	AMD Radeon	Non-operating vibration	1.3 G
On-board graphics card model *	AMD Radeon 760M	Operating shock	110 G
Performance		Non-operating shock	160 G
Motherboard chipset	AMD PRO 665	Weight & dimensions	
Trusted Platform Module (TPM)	✓	Width *	95 mm
Product type *	PC	Depth *	293 mm
Trusted Platform Module (TPM) version	2.0	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)	Sustainability	
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax)	Doesn't contain	PVC/BFR
WLAN controller manufacturer	MediaTek	Carbon footprint	
WLAN controller model	MediaTek MT7920	Total carbon footprint (kg of CO2e)	162
Antenna type	2x2	Carbon emissions, manufacturing (kg of CO2e)	75.978
Antenna design	Internal	Carbon emissions, logistics (kg of CO2e)	9.882
Bluetooth	✓	Carbon emissions, energy usage (kg of CO2e)	72.576
MU-MIMO	✓	Carbon emissions, end-of-life (kg of CO2e)	3.4
Ports & interfaces		PAIA version	GaBi version 1, 2024
USB 2.0 ports quantity *	4		
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3		

Catalog Object Cloud



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