



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:
BT0523_QCS1255_EMEA

Product name : QCS1255

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 *	✗	Trial software	McAfee® Business Protection 1-year, Activate Your Microsoft 365 For A 30 Day Trial
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		
Graphics		Display	
Discrete graphics card *	✗	Display included *	✗
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 760M		
Performance		Audio	
Motherboard chipset	AMD PRO 665	Audio chip	Realtek ALC3204
Trusted Platform Module (TPM)	✓	Audio system	High Definition Audio
Product type *	PC		
Trusted Platform Module (TPM) version	2.0		
Network		Operational conditions	
Ethernet LAN *	✓	Operating temperature (T-T)	10 - 35 °C
Ethernet LAN data rates	10,100,1000 Mbit/s	Storage temperature (T-T)	-40 - 65 °C
Cabling technology	10/100/1000Base-T(X)	Operating relative humidity (H-H)	10 - 90%
Wi-Fi *	✓	Storage relative humidity (H-H)	0 - 95%
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)	Operating altitude	-15.2 - 3048 m
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax)	Non-operating altitude	-15.2 - 10668 m
WLAN controller manufacturer	MediaTek	Operating vibration	0.66 G
WLAN controller model	MediaTek MT7920	Non-operating vibration	1.3 G
Antenna type	2x2	Operating shock	110 G
Antenna design	Internal	Non-operating shock	160 G
Bluetooth	✓		
MU-MIMO	✓		
Ports & interfaces		Weight & dimensions	
USB 2.0 ports quantity *	4	Width *	95 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Depth *	293 mm
		Height *	303.5 mm
		Weight *	5.68 kg
		Packaging content	
		Cables included	AC
		Box contents	System Power Cord C13
		Sustainability	
		Doesn't contain	PVC/BFR
		Carbon footprint	
		Total carbon footprint (kg of CO2e)	162
		Carbon emissions, manufacturing (kg of CO2e)	75.978
		Carbon emissions, logistics (kg of CO2e)	9.882
		Carbon emissions, energy usage (kg of CO2e)	72.576
		Carbon emissions, end-of-life (kg of CO2e)	3.402
		PAIA version	GaBi version 1, 2024



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