



DELL Pro Tower QCT1255 AMD Ryzen™ 5 8600G 16 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro PC Black

Brand : DELL

Product family: Pro

Product code: W5RYR

Product name : Dell Pro Tower QCT1255

DELL Pro Tower QCT1255. 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. 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	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Processor family *	AMD Ryzen™ 5	PowerShare	✓
Processor generation	AMD Ryzen 8000 Series	Number of USB ports with PowerShare support	2
Processor model *	8600G	DisplayPorts quantity	1
Processor cores	6	DisplayPort version	1.4a
Processor threads	12	HDMI ports quantity *	1
Processor boost frequency	5 GHz	HDMI version	2.1
Processor frequency *	4.3 GHz	Ethernet LAN (RJ-45) ports	1
Processor cache	16 MB	Combo headphone/mic port	✓
Processor cache type	L3		
Number of processors installed	1		
Processor base power	65 W		
Neural processor unit (NPU)		Power	
Neural processor unit (NPU)	AMD Ryzen AI	Power supply *	180 W
NPU performance up to	16 TOPs	Power supply input voltage	90 - 264 V
Memory		Power supply input frequency	47/63 Hz
Internal memory *	16 GB	80 PLUS certification	80 PLUS Bronze
Maximum internal memory *	64 GB		
Internal memory type	DDR5-SDRAM	Design	
Memory layout (slots x size)	1 x 16 GB	Chassis type *	Tower
Memory slots	2x DIMM	Cable lock slot	✓
Non-ECC	✓	Cable lock slot type	Kensington
Memory channels	Dual-channel	Product colour *	Black
		Software	
		Operating system architecture	64-bit

Memory		Software	
Memory data transfer rate	4800 MT/s	Operating system installed *	Windows 11 Pro
Storage		Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Total storage capacity *	512 GB	Display	
Storage media *	SSD	Display included *	✗
Optical drive type *	✗	Audio	
Number of storage drives installed	1	Audio chip	Realtek ALC3204
Total SSDs capacity	512 GB	Audio system	High Definition Audio
Number of SSDs installed	1	Operational conditions	
SSD capacity	512 GB	Operating temperature (T-T)	10 - 35 °C
SSD memory type	TLC	Storage temperature (T-T)	-40 - 65 °C
SSD interface	PCI Express	Operating relative humidity (H-H)	20 - 80%
NVMe	✓	Storage relative humidity (H-H)	5 - 95%
SSD form factor	M.2	Operating altitude	-15.2 - 3048 m
Graphics		Non-operating altitude	-15.2 - 10668 m
Discrete graphics card *	✗	Operating vibration	0.26 G
On-board graphics card *	✓	Non-operating vibration	1.37 G
Discrete graphics card model *	Not available	Operating shock	40 G
On-board GPU manufacturer	AMD	Non-operating shock	105 G
On-board graphics card family	AMD Radeon	Weight & dimensions	
On-board graphics card model *	AMD Radeon 760M	Width *	154 mm
Performance		Depth *	293 mm
Motherboard chipset	AMD PRO 665	Height *	324.3 mm
Trusted Platform Module (TPM)	✓	Weight *	6.76 kg
Product type *	PC	Sustainability	
Trusted Platform Module (TPM) version	2.0	Doesn't contain	PVC/BFR
Network		Carbon footprint	
Ethernet LAN *	✓	Total carbon footprint (kg of CO2e)	196
Ethernet LAN data rates	10,100,1000 Mbit/s	Carbon emissions, manufacturing (kg of CO2e)	106.82
Cabling technology	10/100/1000Base-T(X)	Carbon emissions, logistics (kg of CO2e)	12.74
Wi-Fi *	✗	Carbon emissions, energy usage (kg of CO2e)	68.6
Ports & interfaces		Carbon emissions, end-of-life (kg of CO2e)	7.84
USB 2.0 ports quantity *	4	PAIA version	GaBi version 1, 2024
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3		



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Catalog Object Cloud



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