



DELL Pro QBT1250 Plus Intel Core Ultra 7 265 16 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro Tower PC Black

Brand : DELL

Product family: Pro

Product code: VHF8D

Product name : QBT1250 Plus

DELL Pro QBT1250 Plus. Processor family: Intel Core Ultra 7, Processor model: 265. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD, Optical drive type: DVD±RW. On-board graphics card model: Intel® Graphics. Operating system installed: Windows 11 Pro, Operating system architecture: 64-bit. Power supply: 260 W. Chassis type: Tower. Product type: PC. Weight: 7.17 kg. Product colour: Black



Processor		Ports & interfaces	
Processor manufacturer *	Intel	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Processor family *	Intel Core Ultra 7	USB 3.2 Gen 2x2 Type-C ports quantity	1
Processor generation	Intel Core Ultra (Series 2)	PowerShare	✓
Processor model *	265	DisplayPorts quantity	3
Processor cores	20	DisplayPort version	1.4a
Processor threads	20	Ethernet LAN (RJ-45) ports	1
Processor boost frequency	5.3 GHz	Combo headphone/mic port	✓
Performance cores	8	Number of SATA III connectors	2
Efficient cores	12	Design	
Performance-core Max Turbo Frequency	5.2 GHz	Chassis type *	Tower
Efficient-core Max Turbo Frequency	4.6 GHz	Placement supported	Vertical
Performance-core base frequency	2.4 GHz	Cable lock slot	✓
Efficient-core base frequency	1.8 GHz	Cable lock slot type	Kensington
Processor cache	30 MB	Product colour *	Black
Processor cache type	Smart Cache	Performance	
Number of processors installed	1	Motherboard chipset	Intel® Q870
Processor base power	65 W	Trusted Platform Module (TPM)	✓
Maximum turbo power	182 W	Product type *	PC
Neural processor unit (NPU)		Trusted Platform Module (TPM) version	2.0
Neural processor unit (NPU)	Intel AI Boost		
Sparsity support	✓		
Windows Studio effects support	✓		

Neural processor unit (NPU)		Software	
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Operating system architecture	64-bit
Total processor performance up to	33 TOPs	Operating system installed *	Windows 11 Pro
NPU performance up to	13 TOPs	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
GPU performance up to	8 TOPs		
Memory		Power	
Internal memory *	16 GB	Power supply *	260 W
Maximum internal memory *	128 GB	Power supply input voltage	90 - 264 V
Internal memory type	DDR5-SDRAM	Power supply input frequency	47/63 Hz
Memory layout (slots x size)	1 x 16 GB		
Memory slots	4x DIMM		
Non-ECC	✓		
Memory data transfer rate	5600 MT/s		
Storage		Operational conditions	
Total storage capacity *	512 GB	Operating temperature (T-T)	5 - 35 °C
Storage media *	SSD	Storage temperature (T-T)	-40 - 65 °C
Optical drive type *	DVD±RW	Operating relative humidity (H-H)	20 - 80%
Total SSDs capacity	512 GB	Storage relative humidity (H-H)	5 - 95%
Number of SSDs installed	1	Operating altitude	-15.2 - 3048 m
SSD capacity	512 GB	Non-operating altitude	-15.2 - 10668 m
SSD memory type	TLC	Operating vibration	0.26 G
SSD interface	PCI Express 4.0	Non-operating vibration	1.37 G
NVMe	✓	Operating shock	40 G
SSD form factor	M.2	Non-operating shock	105 G
Graphics		Sustainability	
Discrete graphics card *	✗	Sustainability certificates	ENERGY STAR, EPEAT Silver
On-board graphics card *	✓		
Discrete graphics card model *	Not available		
On-board GPU manufacturer	Intel		
On-board graphics card family	Intel® Graphics		
On-board graphics card model *	Intel® Graphics		
Network		Weight & dimensions	
Ethernet LAN *	✓	Width *	154 mm
Ethernet LAN data rates	10,100,1000 Mbit/s	Depth *	293 mm
Cabling technology	10/100/1000Base-T(X)	Height *	324.3 mm
LAN controller	Intel® I219-LM	Weight *	7.17 kg
Wi-Fi *	✗		
Ports & interfaces		Packaging content	
USB 2.0 ports quantity *	4	Cables included	AC
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3		
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1		
		Carbon footprint	
		Total carbon footprint (kg of CO2e)	183
		Carbon emissions, manufacturing (kg of CO2e)	108.702
		Carbon emissions, logistics (kg of CO2e)	10.797
		Carbon emissions, energy usage (kg of CO2e)	56.913
		Carbon emissions, end-of-life (kg of CO2e)	6.59
		PAIA version	GaBi version 1, 2024
		Display	
		Display included *	✗
		Audio	
		Audio chip	Realtek ALC3204
		Audio system	High Definition Audio
		Other features	
		Doesn't contain	PVC/BFR



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