



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		Network	
Processor manufacturer *	Intel	Wi-Fi *	×
Processor family *	Intel Core Ultra 7	Ports & interfaces	
Processor generation	Intel Core Ultra (Series 2)	USB 2.0 ports quantity *	4
Processor model *	265	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Processor cores	20	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1
Processor threads	20	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Processor boost frequency	5.3 GHz	USB 3.2 Gen 2x2 Type-C ports quantity	1
Performance cores	8	PowerShare	✓
Efficient cores	12	DisplayPorts quantity	3
Performance-core Max Turbo Frequency	5.2 GHz	DisplayPort version	1.4a
Efficient-core Max Turbo Frequency	4.6 GHz	Ethernet LAN (RJ-45) ports	1
Performance-core base frequency	2.4 GHz	Combo headphone/mic port	✓
Efficient-core base frequency	1.8 GHz	Number of SATA III connectors	2
Processor cache	30 MB	Power	
Processor cache type	Smart Cache	Power supply *	260 W
Number of processors installed	1	Power supply input voltage	90 - 264 V
Processor base power	65 W	Power supply input frequency	47/63 Hz
Maximum turbo power	182 W	Design	
Neural processor unit (NPU)		Chassis type *	Tower
Neural processor unit (NPU)	Intel AI Boost		
Sparsity support	✓		
Windows Studio effects support	✓		

Neural processor unit (NPU)		Design	
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Placement supported	Vertical
Total processor performance up to	33 TOPs	Cable lock slot	✓
NPU performance up to	13 TOPs	Cable lock slot type	Kensington
GPU performance up to	8 TOPs	Product colour *	Black
Memory		Software	
Internal memory *	16 GB	Operating system architecture	64-bit
Maximum internal memory *	128 GB	Operating system installed *	Windows 11 Pro
Internal memory type	DDR5-SDRAM	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Memory layout (slots x size)	1 x 16 GB		
Memory slots	4x DIMM		
Non-ECC	✓		
Memory data transfer rate	5600 MT/s		
Storage		Display	
Total storage capacity *	512 GB	Display included *	✗
Storage media *	SSD		
Optical drive type *	DVD±RW		
Total SSDs capacity	512 GB		
Number of SSDs installed	1		
SSD capacity	512 GB		
SSD memory type	TLC		
SSD interface	PCI Express 4.0		
NVMe	✓		
SSD form factor	M.2		
Graphics		Audio	
Discrete graphics card *	✗	Audio chip	Realtek ALC3204
On-board graphics card *	✓	Audio system	High Definition Audio
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		
Performance		Operational conditions	
Motherboard chipset	Intel® Q870	Operating temperature (T-T)	5 - 35 °C
Trusted Platform Module (TPM)	✓	Storage temperature (T-T)	-40 - 65 °C
Product type *	PC	Operating relative humidity (H-H)	20 - 80%
Trusted Platform Module (TPM) version	2.0	Storage relative humidity (H-H)	5 - 95%
Network		Operating altitude	-15.2 - 3048 m
Ethernet LAN *	✓	Non-operating altitude	-15.2 - 10668 m
Ethernet LAN data rates	10,100,1000 Mbit/s	Operating vibration	0.26 G
Cabling technology	10/100/1000Base-T(X)	Non-operating vibration	1.37 G
LAN controller	Intel® I219-LM	Operating shock	40 G
		Non-operating shock	105 G
		Weight & dimensions	
		Width *	154 mm
		Depth *	293 mm
		Height *	324.3 mm
		Weight *	7.17 kg
		Packaging content	
		Cables included	AC
		Sustainability	
		Sustainability certificates	ENERGY STAR, EPEAT Silver
		Doesn't contain	PVC/BFR
		Carbon footprint	
		Total carbon footprint (kg of CO2e)	183
		Carbon emissions, manufacturing (kg of CO2e)	108.7
		Carbon emissions, logistics (kg of CO2e)	10.8
		Carbon emissions, energy usage (kg of CO2e)	56.91
		Carbon emissions, end-of-life (kg of CO2e)	6.59
		PAIA version	GaBi version 1, 2024



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