



DELL Pro QBT1250 Plus Intel Core Ultra 5 235 16 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro Tower PC Black

Brand : DELL

Product family: Pro

Product code:
BTO103_QBT1250_EMEA

Product name : QBT1250 Plus

DELL Pro QBT1250 Plus. Processor family: Intel Core Ultra 5, Processor model: 235. 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 2x2 Type-C ports quantity	1
Processor family *	Intel Core Ultra 5	PowerShare	✓
Processor generation	Intel Core Ultra (Series 2)	DisplayPorts quantity	3
Processor model *	235	DisplayPort version	1.4a
Processor cores	14	Ethernet LAN (RJ-45) ports	1
Processor threads	14	Combo headphone/mic port	✓
Processor boost frequency	5 GHz	Number of SATA III connectors	2
Performance cores	6	Design	
Efficient cores	8	Chassis type *	Tower
Performance-core Max Turbo Frequency	5 GHz	Placement supported	Vertical
Efficient-core Max Turbo Frequency	4.4 GHz	Cable lock slot	✓
Performance-core base frequency	3.4 GHz	Cable lock slot type	Kensington
Efficient-core base frequency	2.9 GHz	Product colour *	Black
Processor cache	24 MB	Performance	
Processor cache type	Smart Cache	Motherboard chipset	Intel® Q870
Processor base power	65 W	Trusted Platform Module (TPM)	✓
Maximum turbo power	121 W	Product type *	PC
Neural processor unit (NPU)		Trusted Platform Module (TPM) version	2.0
Neural processor unit (NPU)	Intel AI Boost	Software	
Sparsity support	✓	Operating system architecture	64-bit
Windows Studio effects support	✓		
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN		

Neural processor unit (NPU)		Software	
Total processor performance up to	27 TOPs	Operating system installed *	Windows 11 Pro
NPU performance up to	13 TOPs	Trial software	McAfee® Business Protection 1-year (Do not use for Dell Direct.Use for distribution only),Activate Your Microsoft 365 For A 30 Day Trial
GPU performance up to	6 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	Operational conditions	
Memory slots	4x DIMM	Operating temperature (T-T)	5 - 35 °C
Memory data transfer rate	5600 MT/s	Storage temperature (T-T)	-40 - 65 °C
Storage		Operating relative humidity (H-H)	20 - 80%
Total storage capacity *	512 GB	Storage relative humidity (H-H)	5 - 95%
Storage media *	SSD	Operating altitude	-15.2 - 3048 m
Optical drive type *	DVD±RW	Non-operating altitude	-15.2 - 10668 m
Total SSDs capacity	512 GB	Operating vibration	0.26 G
Number of SSDs installed	1	Non-operating vibration	1.37 G
SSD capacity	512 GB	Operating shock	40 G
SSD memory type	TLC	Non-operating shock	105 G
NVMe	✓	Sustainability	
SSD form factor	M.2	Sustainability certificates	ENERGY STAR, EPEAT Silver
Graphics		Weight & dimensions	
Discrete graphics card *	✗	Width *	154 mm
On-board graphics card *	✓	Depth *	293 mm
Discrete graphics card model *	Not available	Height *	324.3 mm
On-board GPU manufacturer	Intel	Weight *	7.17 kg
On-board graphics card family	Intel® Graphics	Packaging content	
On-board graphics card model *	Intel® Graphics	Cables included	AC
Network		Carbon footprint	
Ethernet LAN *	✓	Total carbon footprint (kg of CO2e)	183
Ethernet LAN data rates	10,100,1000 Mbit/s	Carbon emissions, manufacturing (kg of CO2e)	108.702
Cabling technology	10/100/1000Base-T(X)	Carbon emissions, logistics (kg of CO2e)	10.797
LAN controller	Intel® I219-LM	Carbon emissions, energy usage (kg of CO2e)	56.913
Wi-Fi *	✗	Carbon emissions, end-of-life (kg of CO2e)	6.59
Ports & interfaces		PAIA version	GaBi version 1, 2024
USB 2.0 ports quantity *	4	Display	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Display included *	✗
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1	Audio	
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1	Audio chip	Realtek ALC3204
		Audio system	High Definition Audio
		Other features	
		Doesn't contain	PVC/BFR

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