



DELL Pro Max FCT2250 T2 Intel Core Ultra 9 285 32 GB DDR5-SDRAM 1 TB SSD Windows 11 Pro Tower PC Black

Brand : DELL

Product family: Pro Max

Product code: KHP46

Product name : FCT2250 T2

- Windows 11 Pro 64-bit
- Intel Core Ultra 9 285 (36MB Cache)
- 32GB DDR5-SDRAM (2 x 16) & 1000GB SSD
Intel Core Ultra 9 285 (36MB Cache), 32GB DDR5-SDRAM, 1000GB SSD, Intel Graphics, LAN, Windows 11 Pro 64-bit

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Experience unparalleled speed with the world's fastest single-threaded performance, now in a scalable 32L design.

DELL Pro Max FCT2250 T2. Processor family: Intel Core Ultra 9, Processor model: 285. Internal memory: 32 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel® Graphics. Operating system installed: Windows 11 Pro, Operating system architecture: 64-bit. Power supply: 1500 W. Chassis type: Tower. Product type: PC. Weight: 9.7 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 9	USB 3.2 Gen 2x2 Type-C ports quantity	2
Processor generation	Intel Core Ultra (Series 2)	Intel® Thunderbolt 4	✓
Processor model *	285	Thunderbolt 4 ports quantity	1
Processor cores	24	DisplayPorts quantity	2
Processor threads	24	DisplayPort version	1.4a
Processor boost frequency	5.6 GHz	Ethernet LAN (RJ-45) ports	1
Performance cores	8	Combo headphone/mic port	✓
Efficient cores	16	DC-in jack	✓
Performance-core Max Turbo Frequency	5.4 GHz	Number of rear USB ports	6
Efficient-core Max Turbo Frequency	4.6 GHz	Number of front USB ports	4
Performance-core base frequency	2.5 GHz	Number of SATA III connectors	4
Efficient-core base frequency	1.9 GHz	Expansion slots	
Processor cache	36 MB	PCI Express x4 (Gen 3.x) slots	2
Processor cache type	Smart Cache	PCI Express x4 (Gen 4.x) slots	1
Number of processors installed	1	PCI Express x16 (Gen 5.x) slots	1
Processor base power	65 W	Power	
Maximum turbo power	182 W	Power supply *	1500 W
Neural processor unit (NPU)		Power supply input voltage	90 - 264 V
Neural processor unit (NPU)	Intel AI Boost	Power supply input frequency	47/63 Hz
Sparsity support	✓	80 PLUS certification	80 PLUS Platinum
Windows Studio effects support	✓	Design	
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Chassis type *	Tower
Total processor performance up to	36 TOPs	Volume	32 L
NPU performance up to	13 TOPs	Placement supported	Vertical
GPU performance up to	8 TOPs		

Memory		Design	
Internal memory *	32 GB	Cable lock slot	✓
Maximum internal memory *	128 GB	Cable lock slot type	Kensington
Internal memory type	DDR5-SDRAM	Product colour *	Black
Memory layout (slots x size)	2 x 16 GB	Intel® vPro™ Platform Eligibility	✓
Memory slots	4x DIMM	Software	
Non-ECC	✓	Operating system architecture	64-bit
Memory channels	Dual-channel	Operating system installed *	Windows 11 Pro
Memory data transfer rate	5600 MT/s	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Storage		Processor special features	
Total storage capacity *	1 TB	Intel® Active Management Technology (Intel® AMT)	✓
Storage media *	SSD	Display	
Optical drive type *	✗	Display included *	✗
Number of storage drives installed	1	Audio	
Total SSDs capacity	1 TB	Audio chip	Realtek ALC3204
Number of SSDs installed	1	Audio system	High Definition Audio
SSD capacity	1 TB	Operational conditions	
SSD memory type	TLC	Operating temperature (T-T)	0 - 35 °C
SSD interface	PCI Express	Storage temperature (T-T)	-40 - 65 °C
NVMe	✓	Operating relative humidity (H-H)	10 - 90%
SSD form factor	M.2	Storage relative humidity (H-H)	0 - 95%
M.2 SSD size	2280 (22 x 80 mm)	Operating altitude	-15.2 - 3048 m
Graphics		Non-operating altitude	-15.2 - 10668 m
Discrete graphics card *	✗	Operating vibration	0.66 G
On-board graphics card *	✓	Non-operating vibration	1.3 G
Discrete graphics card model *	Not available	Operating shock	110 G
On-board GPU manufacturer	Intel	Non-operating shock	160 G
On-board graphics card family	Intel® Graphics	Weight & dimensions	
On-board graphics card model *	Intel® Graphics	Width *	187.7 mm
Performance		Depth *	438 mm
Market positioning	Business	Height *	387 mm
Motherboard chipset	Intel W880	Weight *	9.7 kg
Trusted Platform Module (TPM)	✓	Packaging content	
Product type *	PC	Mouse included on selected markets	Dell Optical Mouse-MS116 - Black
Trusted Platform Module (TPM) version	2.0	Keyboard included on selected markets	Dell Wired Keyboard - KB216 - UK (QWERTY) - Black
Network		Cables included	AC
Ethernet LAN *	✓	Sustainability	
Ethernet LAN data rates	10,100,1000 Mbit/s	Sustainability certificates	ENERGY STAR, EPEAT Climate +
Cabling technology	10/100/1000Base-T(X)	Doesn't contain	PVC/BFR
LAN controller	Intel® I219-LM	Carbon footprint	
Wi-Fi *	✗	Total carbon footprint (kg of CO2e)	406
Ports & interfaces		Carbon emissions, manufacturing (kg of CO2e)	145.35
USB 2.0 ports quantity *	2	Carbon emissions, logistics (kg of CO2e)	15.43
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Carbon emissions, energy usage (kg of CO2e)	231.42
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2	Carbon emissions, end-of-life (kg of CO2e)	13.8
		PAIA version	GaBi version 1, 2024



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