



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	DC-in jack	✓
Processor family *	Intel Core Ultra 9	Number of rear USB ports	6
Processor generation	Intel Core Ultra (Series 2)	Number of front USB ports	4
Processor model *	285	Number of SATA III connectors	4
Processor cores	24	Expansion slots	
Processor threads	24	PCI Express x4 (Gen 3.x) slots	2
Processor boost frequency	5.6 GHz	PCI Express x4 (Gen 4.x) slots	1
Performance cores	8	PCI Express x16 (Gen 5.x) slots	1
Efficient cores	16	Design	
Performance-core Max Turbo Frequency	5.4 GHz	Chassis type *	Tower
Efficient-core Max Turbo Frequency	4.6 GHz	Volume	32 L
Performance-core base frequency	2.5 GHz	Placement supported	Vertical
Efficient-core base frequency	1.9 GHz	Cable lock slot	✓
Processor cache	36 MB	Cable lock slot type	Kensington
Processor cache type	Smart Cache	Product colour *	Black
Number of processors installed	1	Intel® vPro™ Platform Eligibility	✓
Processor base power	65 W	Performance	
Maximum turbo power	182 W	Market positioning	Business
Neural processor unit (NPU)		Motherboard chipset	Intel W880
Neural processor unit (NPU)	Intel AI Boost	Trusted Platform Module (TPM)	✓
Sparsity support	✓	Product type *	PC
Windows Studio effects support	✓	Trusted Platform Module (TPM) version	2.0
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Software	
Total processor performance up to	36 TOPs	Operating system architecture	64-bit
NPU performance up to	13 TOPs	Operating system installed *	Windows 11 Pro
GPU performance up to	8 TOPs		

Memory		Software	
Internal memory *	32 GB	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Maximum internal memory *	128 GB		
Internal memory type	DDR5-SDRAM		
Memory layout (slots x size)	2 x 16 GB		
Memory slots	4x DIMM		
Non-ECC	✓		
Memory channels	Dual-channel		
Memory data transfer rate	5600 MT/s		
Storage		Processor special features	
Total storage capacity *	1 TB	Intel® Active Management Technology (Intel® AMT)	✓
Storage media *	SSD		
Optical drive type *	✗		
Number of storage drives installed	1		
Total SSDs capacity	1 TB		
Number of SSDs installed	1		
SSD capacity	1 TB		
SSD memory type	TLC		
SSD interface	PCI Express		
NVMe	✓		
SSD form factor	M.2		
M.2 SSD size	2280 (22 x 80 mm)		
Graphics		Power	
Discrete graphics card *	✗	Power supply *	1500 W
On-board graphics card *	✓	Power supply input voltage	90 - 264 V
Discrete graphics card model *	Not available	Power supply input frequency	47/63 Hz
On-board GPU manufacturer	Intel	80 PLUS certification	80 PLUS Platinum
On-board graphics card family	Intel® Graphics		
On-board graphics card model *	Intel® Graphics		
Network		Operational conditions	
Ethernet LAN *	✓	Operating temperature (T-T)	0 - 35 °C
Ethernet LAN data rates	10,100,1000 Mbit/s	Storage temperature (T-T)	-40 - 65 °C
Cabling technology	10/100/1000Base-T(X)	Operating relative humidity (H-H)	10 - 90%
LAN controller	Intel® I219-LM	Storage relative humidity (H-H)	0 - 95%
Wi-Fi *	✗	Operating altitude	-15.2 - 3048 m
Ports & interfaces		Non-operating altitude	-15.2 - 10668 m
USB 2.0 ports quantity *	2	Operating vibration	0.66 G
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Non-operating vibration	1.3 G
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2	Operating shock	110 G
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1	Non-operating shock	160 G
USB 3.2 Gen 2x2 Type-C ports quantity	2		
Intel® Thunderbolt 4	✓		
Thunderbolt 4 ports quantity	1		
DisplayPorts quantity	2		
DisplayPort version	1.4a		
Ethernet LAN (RJ-45) ports	1		
Combo headphone/mic port	✓		
		Sustainability	
		Sustainability certificates	ENERGY STAR, EPEAT Climate +
		Weight & dimensions	
		Width *	187.7 mm
		Depth *	438 mm
		Height *	387 mm
		Weight *	9.7 kg
		Packaging content	
		Mouse included on selected markets	Dell Optical Mouse-MS116 - Black
		Keyboard included on selected markets	Dell Wired Keyboard - KB216 - UK (QWERTY) - Black
		Cables included	AC
		Carbon footprint	
		Total carbon footprint (kg of CO2e)	406
		Carbon emissions, manufacturing (kg of CO2e)	145.348
		Carbon emissions, logistics (kg of CO2e)	15.428
		Carbon emissions, energy usage (kg of CO2e)	231.42
		Carbon emissions, end-of-life (kg of CO2e)	13.8
		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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