



DELL Pro Max FCT2250 T2 Intel Core Ultra 9 285 32 GB DDR5-SDRAM 1 TB SSD NVIDIA RTX 2000 Ada Windows 11 Pro Tower PC Black



Brand : DELL

Product family: Pro Max

Product code: MHWR5

Product name : FCT2250 T2

- Windows 11 Pro 64-bit
 - Intel Core Ultra 9 285 (36MB Cache)
 - NVIDIA RTX 2000 Ada (16GB GDDR6)
 - 32GB DDR5-SDRAM & 1000GB SSD
- Intel Core Ultra 9 285 (36MB Cache), 32GB DDR5-SDRAM, 1000GB SSD, DVD±RW, Intel Graphics, NVIDIA RTX 2000 Ada (16GB GDDR6), LAN, WLAN, Bluetooth, Windows 11 Pro 64-bit

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Professional-grade AI desktops that unlock maximum performance through cutting-edge CPUs, pro-level GPUs, high-speed storage, and advanced memory.

Exceptional single threaded performance, ideal for professionals who prioritize power over space efficiency.

Processor		Network	
Processor manufacturer *	Intel	Bluetooth	✓
Processor family *	Intel Core Ultra 9	Ports & interfaces	
Processor generation	Intel Core Ultra (Series 2)	USB 2.0 ports quantity *	2
Processor model *	285	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor cores	24	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
Processor threads	24	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Processor boost frequency	5.6 GHz	USB 3.2 Gen 2x2 Type-C ports quantity	2
Performance cores	8	Intel® Thunderbolt 4	✓
Efficient cores	16	Thunderbolt 4 ports quantity	1
Performance-core Max Turbo Frequency	5.4 GHz	DisplayPort quantity	2
Efficient-core Max Turbo Frequency	4.6 GHz	DisplayPort version	1.4a
Performance-core base frequency	2.5 GHz	Ethernet LAN (RJ-45) ports	1
Efficient-core base frequency	1.9 GHz	Combo headphone/mic port	✓
Processor cache	36 MB	DC-in jack	✓
Processor cache type	Smart Cache	Number of rear USB ports	6
Number of processors installed	1	Number of front USB ports	4
Processor base power	65 W	Number of SATA III connectors	4
Maximum turbo power	182 W	Expansion slots	
Neural processor unit (NPU)		PCI Express x4 (Gen 3.x) slots	2
Neural processor unit (NPU)	Intel AI Boost	PCI Express x4 (Gen 4.x) slots	1
Sparsity support	✓	PCI Express x16 (Gen 5.x) slots	1
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		
GPU performance up to	8 TOPs		

Memory		Design	
Internal memory *	32 GB	Placement supported	Vertical
Maximum internal memory *	128 GB	Cable lock slot	✓
Internal memory type	DDR5-SDRAM	Cable lock slot type	Kensington
Memory slots	4x DIMM	Product colour *	Black
Non-ECC	✓	Performance	
Storage		Market positioning	Business
Total storage capacity *	1 TB	Motherboard chipset	Intel W880
Storage media *	SSD	Audio chip	Realtek ALC3204
Optical drive type *	DVD±RW	Audio system	High Definition Audio
Number of storage drives installed	1	Trusted Platform Module (TPM)	✓
Total SSDs capacity	1 TB	Product type *	PC
Number of SSDs installed	1	Trusted Platform Module (TPM) version	2.0
SSD capacity	1 TB	Software	
SSD memory type	TLC	Operating system architecture	64-bit
SSD interface	PCI Express	Operating system installed *	Windows 11 Pro
NVMe	✓	Power	
SSD form factor	M.2	Power supply *	500 W
M.2 SSD size	2280 (22 x 80 mm)	Power supply input voltage	90 - 264 V
Graphics		Power supply input frequency	47/63 Hz
Discrete graphics card *	✓	80 PLUS certification	80 PLUS Platinum
Discrete GPU manufacturer	NVIDIA	Operational conditions	
On-board graphics card *	✓	Operating temperature (T-T)	0 - 35 °C
Discrete graphics card model *	NVIDIA RTX 2000 Ada	Storage temperature (T-T)	-40 - 65 °C
Discrete graphics card memory	16 GB	Operating relative humidity (H-H)	10 - 90%
Discrete graphics memory type	GDDR6	Storage relative humidity (H-H)	0 - 95%
Number of discrete graphics cards	1	Operating altitude	-15.2 - 3048 m
On-board GPU manufacturer	Intel	Non-operating altitude	-15.2 - 10668 m
On-board graphics card family	Intel® Graphics	Operating vibration	0.66 G
On-board graphics card model *	Intel® Graphics	Non-operating vibration	1.3 G
Graphics card Mini DisplayPort ports quantity	4	Operating shock	110 G
Network		Non-operating shock	160 G
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)	Weight & dimensions	
LAN controller	Intel® I219-LM	Width *	187.7 mm
Wi-Fi *	✓	Depth *	438 mm
Top Wi-Fi standard	Wi-Fi 7 (802.11be)	Height *	387 mm
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax), Wi-Fi 7 (802.11be)	Weight *	9.7 kg
Antenna type	2x2	Packaging content	
		Cables included	AC
		Display	
		Display included *	✗
		Other features	
		Doesn't contain	PVC/BFR



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