



DELL Pro Max FCT2250 T2 Intel Core Ultra 5 235 16 GB DDR5-SDRAM 512 GB SSD NVIDIA RTX A1000 Windows 11 Pro Tower PC Black

Brand : DELL

Product family: Pro Max

Product code: 8MNGY

Product name : FCT2250 T2

- Windows 11 Pro 64-bit
- Intel Core Ultra 5 235 (24MB Cache)
- NVIDIA RTX A1000 (8GB GDDR6)
- 16GB DDR5-SDRAM & 512GB SSD

Intel Core Ultra 5 235 (24MB Cache), 16GB DDR5-SDRAM, 512GB SSD, DVD±RW, Intel Graphics, NVIDIA RTX A1000 (8GB GDDR6), LAN, 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.

DELL Pro Max FCT2250 T2. 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, Discrete graphics card model: NVIDIA RTX A1000. Operating system installed: Windows 11 Pro, Operating system architecture: 64-bit. Power supply: 500 W. Chassis type: Tower. Product type: PC. Product colour: Black



Processor		Ports & interfaces	
Processor manufacturer *	Intel	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor family *	Intel Core Ultra 5	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
Processor generation	Intel Core Ultra (Series 2)	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Processor model *	235	USB 3.2 Gen 2x2 Type-C ports quantity	2
Processor cores	14	Intel® Thunderbolt 4	✓
Processor threads	14	Thunderbolt 4 ports quantity	1
Processor boost frequency	5 GHz	DisplayPorts quantity	2
Performance cores	6	DisplayPort version	1.4a
Efficient cores	8	Ethernet LAN (RJ-45) ports	1
Performance-core Max Turbo Frequency	5 GHz	Combo headphone/mic port	✓
Efficient-core Max Turbo Frequency	4.4 GHz	DC-in jack	✓
Performance-core base frequency	3.4 GHz	Number of rear USB ports	6
Efficient-core base frequency	2.9 GHz	Number of front USB ports	4
Processor cache	24 MB	Number of SATA III connectors	4
Processor cache type	Smart Cache	Expansion slots	
Number of processors installed	1	PCI Express x4 (Gen 3.x) slots	2
Processor base power	65 W	PCI Express x4 (Gen 4.x) slots	1
Maximum turbo power	121 W	PCI Express x16 (Gen 5.x) slots	1
Neural processor unit (NPU)		Design	
Neural processor unit (NPU)	Intel AI Boost	Chassis type *	Tower
Sparsity support	✓	Volume	32 L
Windows Studio effects support	✓	Placement supported	Vertical
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Cable lock slot	✓
Total processor performance up to	27 TOPs	Cable lock slot type	Kensington
NPU performance up to	13 TOPs		
GPU performance up to	6 TOPs		

Memory		Design	
Internal memory *	16 GB	Product colour *	Black
Maximum internal memory *	128 GB	Performance	
Internal memory type	DDR5-SDRAM	Market positioning	Business
Memory slots	4x DIMM	Motherboard chipset	Intel W880
Non-ECC	✓	Audio chip	Realtek ALC3204
Storage		Audio system	High Definition Audio
Total storage capacity *	512 GB	Trusted Platform Module (TPM)	✓
Storage media *	SSD	Product type *	PC
Optical drive type *	DVD±RW	Trusted Platform Module (TPM) version	2.0
Number of storage drives installed	1	Software	
Total SSDs capacity	512 GB	Operating system architecture	64-bit
Number of SSDs installed	1	Operating system installed *	Windows 11 Pro
SSD capacity	512 GB	Power	
SSD memory type	TLC	Power supply *	500 W
SSD interface	PCI Express	Power supply input voltage	90 - 264 V
NVMe	✓	Power supply input frequency	47/63 Hz
SSD form factor	M.2	80 PLUS certification	80 PLUS Platinum
M.2 SSD size	2280 (22 x 80 mm)	Operational conditions	
Graphics		Operating temperature (T-T)	0 - 35 °C
Discrete graphics card *	✓	Storage temperature (T-T)	-40 - 65 °C
Discrete GPU manufacturer	NVIDIA	Operating relative humidity (H-H)	10 - 90%
On-board graphics card *	✓	Storage relative humidity (H-H)	0 - 95%
Discrete graphics card model *	NVIDIA RTX A1000	Operating altitude	-15.2 - 3048 m
Discrete graphics card memory	8 GB	Non-operating altitude	-15.2 - 10668 m
Discrete graphics memory type	GDDR6	Operating vibration	0.66 G
On-board GPU manufacturer	Intel	Non-operating vibration	1.3 G
On-board graphics card family	Intel Graphics	Operating shock	110 G
On-board graphics card model *	Intel Graphics	Non-operating shock	160 G
Graphics card Mini DisplayPort ports quantity	3	Sustainability	
Network		Sustainability certificates	ENERGY STAR, EPEAT Climate +
Ethernet LAN *	✓	Doesn't contain	PVC/BFR
Ethernet LAN data rates	10,100,1000 Mbit/s	Weight & dimensions	
Cabling technology	10/100/1000Base-T(X)	Width *	187.7 mm
LAN controller	Intel® I219-LM	Depth *	438 mm
Wi-Fi *	✗	Height *	387 mm
Ports & interfaces		Weight *	9.7 kg
USB 2.0 ports quantity *	2	Packaging content	
		Cables included	AC
		Display	
		Display included *	✗



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