



DELL Pro Max FCT2250 T2 Intel Core Ultra 7 265 32 GB DDR5-SDRAM 512 GB SSD NVIDIA RTX 2000 Ada Windows 11 Pro Tower PC Black

Brand : DELL

Product family: Pro Max

Product code: XY56V

Product name : FCT2250 T2

- Windows 11 Pro 64-bit
- Intel Core Ultra 7 265 (30MB Cache)
- NVIDIA RTX 2000 Ada (16GB GDDR6)
- 32GB DDR5-SDRAM & 512GB SSD

Intel Core Ultra 7 265 (30MB Cache), 32GB DDR5-SDRAM, 512GB SSD, DVD±RW, Intel Graphics, NVIDIA RTX 2000 Ada (16GB GDDR6), LAN, Windows 11 Pro 64-bit

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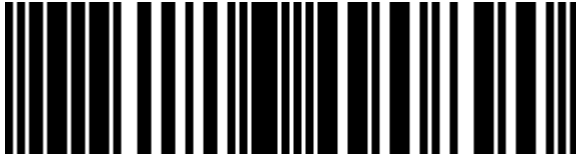
Professional-grade AI desktops that unlock maximum performance through cutting-edge CPUs, pro-level GPUs, high-speed storage, and advanced memory.

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



Processor		Ports & interfaces	
Processor manufacturer *	Intel	USB 2.0 ports quantity *	2
Processor family *	Intel Core Ultra 7	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor generation	Intel Core Ultra (Series 2)	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
Processor model *	265	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Processor cores	20	USB 3.2 Gen 2x2 Type-C ports quantity	2
Processor threads	20	Intel® Thunderbolt 4	✓
Processor boost frequency	5.3 GHz	Thunderbolt 4 ports quantity	1
Performance cores	8	DisplayPorts quantity	2
Efficient cores	12	DisplayPort version	1.4a
Performance-core Max Turbo Frequency	5.2 GHz	Ethernet LAN (RJ-45) ports	1
Efficient-core Max Turbo Frequency	4.6 GHz	Combo headphone/mic port	✓
Performance-core base frequency	2.4 GHz	DC-in jack	✓
Efficient-core base frequency	1.8 GHz	Number of rear USB ports	6
Processor cache	30 MB	Number of front USB ports	4
Processor cache type	Smart Cache	Number of SATA III connectors	4
Number of processors installed	1	Expansion slots	
Processor base power	65 W	PCI Express x4 (Gen 3.x) slots	2
Maximum turbo power	182 W	PCI Express x4 (Gen 4.x) slots	1
		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	33 TOPs		
NPU performance up to	13 TOPs		
GPU performance up to	8 TOPs		

Memory		Design	
Internal memory *	32 GB	Cable lock slot type	Kensington
Maximum internal memory *	128 GB	Product colour *	Black
Internal memory type	DDR5-SDRAM	Performance	
Memory slots	4x DIMM	Market positioning	Business
Non-ECC	✓	Motherboard chipset	Intel W880
Storage		Audio chip	Realtek ALC3204
Total storage capacity *	512 GB	Audio system	High Definition Audio
Storage media *	SSD	Trusted Platform Module (TPM)	✓
Optical drive type *	DVD±RW	Product type *	PC
Number of storage drives installed	1	Trusted Platform Module (TPM) version	2.0
Total SSDs capacity	512 GB	Software	
Number of SSDs installed	1	Operating system architecture	64-bit
SSD capacity	512 GB	Operating system installed *	Windows 11 Pro
SSD memory type	TLC	Power	
SSD interface	PCI Express	Power supply *	500 W
NVMe	✓	Power supply input voltage	90 - 264 V
SSD form factor	M.2	Power supply input frequency	47/63 Hz
M.2 SSD size	2280 (22 x 80 mm)	80 PLUS certification	80 PLUS Platinum
Graphics		Operational conditions	
Discrete graphics card *	✓	Operating temperature (T-T)	0 - 35 °C
Discrete GPU manufacturer	NVIDIA	Storage temperature (T-T)	-40 - 65 °C
On-board graphics card *	✓	Operating relative humidity (H-H)	10 - 90%
Discrete graphics card model *	NVIDIA RTX 2000 Ada	Storage relative humidity (H-H)	0 - 95%
Discrete graphics card memory	16 GB	Operating altitude	-15.2 - 3048 m
Discrete graphics memory type	GDDR6	Non-operating altitude	-15.2 - 10668 m
Number of discrete graphics cards	1	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	4	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
		Weight *	9.7 kg
		Packaging content	
		Cables included	AC
		Display	
		Display included *	✗



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