



DELL Pro Max FCT2250 T2 Intel Core Ultra 7 265 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: 7W1J7

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 (2 x 16) & 1000GB SSD
Intel Core Ultra 7 265 (30MB Cache), 32GB DDR5-SDRAM, 1000GB SSD, Intel Graphics, NVIDIA RTX 2000 Ada (16GB GDDR6), 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 7, Processor model: 265. Internal memory: 32 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel® Graphics, Discrete graphics card model: NVIDIA RTX 2000 Ada. Operating system installed: Windows 11 Pro, Operating system architecture: 64-bit. Power supply: 500 W. Chassis type: Tower. Product type: PC. Weight: 9.7 kg. 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 7	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 *	265	USB 3.2 Gen 2x2 Type-C ports quantity	2
Processor cores	20	Intel® Thunderbolt 4	✓
Processor threads	20	Thunderbolt 4 ports quantity	1
Processor boost frequency	5.3 GHz	DisplayPorts quantity	2
Performance cores	8	DisplayPort version	1.4a
Efficient cores	12	Ethernet LAN (RJ-45) ports	1
Performance-core Max Turbo Frequency	5.2 GHz	Combo headphone/mic port	✓
Efficient-core Max Turbo Frequency	4.6 GHz	DC-in jack	✓
Performance-core base frequency	2.4 GHz	Number of rear USB ports	6
Efficient-core base frequency	1.8 GHz	Number of front USB ports	4
Processor cache	30 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	182 W	PCI Express x16 (Gen 5.x) slots	1
Neural processor unit (NPU)		Power	
Neural processor unit (NPU)	Intel AI Boost	Power supply *	500 W
Sparsity support	✓	Power supply input voltage	90 - 264 V
Windows Studio effects support	✓	Power supply input frequency	47/63 Hz
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	80 PLUS certification	80 PLUS Platinum
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	Chassis type *	Tower
Maximum internal memory *	128 GB	Volume	32 L
Internal memory type	DDR5-SDRAM	Placement supported	Vertical
Memory layout (slots x size)	2 x 16 GB	Cable lock slot	✓
Memory slots	4x DIMM	Cable lock slot type	Kensington
Non-ECC	✓	Product colour *	Black
Memory channels	Dual-channel	Intel® vPro™ Platform Eligibility	✓
Memory data transfer rate	5600 MT/s		
Storage		Software	
Total storage capacity *	1 TB	Operating system architecture	64-bit
Storage media *	SSD	Operating system installed *	Windows 11 Pro
Optical drive type *	✗	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Number of storage drives installed	1		
Total SSDs capacity	1 TB	Processor special features	
Number of SSDs installed	1	Intel® Active Management Technology (Intel® AMT)	✓
SSD capacity	1 TB		
SSD memory type	TLC	Display	
SSD interface	PCI Express	Display included *	✗
NVMe	✓		
SSD form factor	M.2	Audio	
M.2 SSD size	2280 (22 x 80 mm)	Audio chip	Realtek ALC3204
		Audio system	High Definition Audio
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		
Performance		Weight & dimensions	
Market positioning	Business	Width *	187.7 mm
Motherboard chipset	Intel W880	Depth *	438 mm
Trusted Platform Module (TPM)	✓	Height *	387 mm
Product type *	PC	Weight *	9.7 kg
Trusted Platform Module (TPM) version	2.0		
Network		Packaging content	
Ethernet LAN *	✓	Mouse included on selected markets	Dell Optical Mouse-MS116 - Black
Ethernet LAN data rates	10,100,1000 Mbit/s	Keyboard included on selected markets	Dell Wired Keyboard - KB216 - UK (QWERTY) - Black
Cabling technology	10/100/1000Base-T(X)	Cables included	AC
LAN controller	Intel® I219-LM		
Wi-Fi *	✗	Sustainability	
Ports & interfaces		Sustainability certificates	ENERGY STAR, EPEAT Climate +
USB 2.0 ports quantity *	2	Doesn't contain	PVC/BFR
		Carbon footprint	
		Total carbon footprint (kg of CO2e)	406
		Carbon emissions, manufacturing (kg of CO2e)	145.35
		Carbon emissions, logistics (kg of CO2e)	15.43
		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



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