



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	Thunderbolt 4 ports quantity	1
Processor family *	Intel Core Ultra 7	DisplayPorts quantity	2
Processor generation	Intel Core Ultra (Series 2)	DisplayPort version	1.4a
Processor model *	265	Ethernet LAN (RJ-45) ports	1
Processor cores	20	Combo headphone/mic port	✓
Processor threads	20	DC-in jack	✓
Processor boost frequency	5.3 GHz	Number of rear USB ports	6
Performance cores	8	Number of front USB ports	4
Efficient cores	12	Number of SATA III connectors	4
Performance-core Max Turbo Frequency	5.2 GHz	Expansion slots	
Efficient-core Max Turbo Frequency	4.6 GHz	PCI Express x4 (Gen 3.x) slots	2
Performance-core base frequency	2.4 GHz	PCI Express x4 (Gen 4.x) slots	1
Efficient-core base frequency	1.8 GHz	PCI Express x16 (Gen 5.x) slots	1
Processor cache	30 MB	Design	
Processor cache type	Smart Cache	Chassis type *	Tower
Number of processors installed	1	Volume	32 L
Processor base power	65 W	Placement supported	Vertical
Maximum turbo power	182 W	Cable lock slot	✓
Neural processor unit (NPU)		Cable lock slot type	Kensington
Neural processor unit (NPU)	Intel AI Boost	Product colour *	Black
Sparsity support	✓	Intel® vPro™ Platform Eligibility	✓
Windows Studio effects support	✓	Performance	
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Market positioning	Business
Total processor performance up to	33 TOPs	Motherboard chipset	Intel W880
NPU performance up to	13 TOPs	Trusted Platform Module (TPM)	✓
GPU performance up to	8 TOPs	Product type *	PC

Memory		Performance	
Internal memory *	32 GB	Trusted Platform Module (TPM) version	2.0
Maximum internal memory *	128 GB	Software	
Internal memory type	DDR5-SDRAM	Operating system architecture	64-bit
Memory layout (slots x size)	2 x 16 GB	Operating system installed *	Windows 11 Pro
Memory slots	4x DIMM	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Non-ECC	✓	Processor special features	
Memory channels	Dual-channel	Intel® Active Management Technology (Intel® AMT)	✓
Memory data transfer rate	5600 MT/s	Power	
Storage		Power supply *	500 W
Total storage capacity *	1 TB	Power supply input voltage	90 - 264 V
Storage media *	SSD	Power supply input frequency	47/63 Hz
Optical drive type *	✗	80 PLUS certification	80 PLUS Platinum
Number of storage drives installed	1	Operational conditions	
Total SSDs capacity	1 TB	Operating temperature (T-T)	0 - 35 °C
Number of SSDs installed	1	Storage temperature (T-T)	-40 - 65 °C
SSD capacity	1 TB	Operating relative humidity (H-H)	10 - 90%
SSD memory type	TLC	Storage relative humidity (H-H)	0 - 95%
SSD interface	PCI Express	Operating altitude	-15.2 - 3048 m
NVMe	✓	Non-operating altitude	-15.2 - 10668 m
SSD form factor	M.2	Operating vibration	0.66 G
M.2 SSD size	2280 (22 x 80 mm)	Non-operating vibration	1.3 G
Graphics		Operating shock	110 G
Discrete graphics card *	✓	Non-operating shock	160 G
Discrete GPU manufacturer	NVIDIA	Sustainability	
On-board graphics card *	✓	Sustainability certificates	ENERGY STAR, EPEAT Climate +
Discrete graphics card model *	NVIDIA RTX 2000 Ada	Weight & dimensions	
Discrete graphics card memory	16 GB	Width *	187.7 mm
Discrete graphics memory type	GDDR6	Depth *	438 mm
Number of discrete graphics cards	1	Height *	387 mm
On-board GPU manufacturer	Intel	Weight *	9.7 kg
On-board graphics card family	Intel® Graphics	Packaging content	
On-board graphics card model *	Intel® Graphics	Mouse included on selected markets	Dell Optical Mouse-MS116 - Black
Graphics card Mini DisplayPort ports quantity	4	Keyboard included on selected markets	Dell Wired Keyboard - KB216 - UK (QWERTY) - Black
Network		Cables included	AC
Ethernet LAN *	✓	Carbon footprint	
Ethernet LAN data rates	10,100,1000 Mbit/s	Total carbon footprint (kg of CO2e)	406
Cabling technology	10/100/1000Base-T(X)	Carbon emissions, manufacturing (kg of CO2e)	145.348
LAN controller	Intel® I219-LM	Carbon emissions, logistics (kg of CO2e)	15.428
Wi-Fi *	✗	Carbon emissions, energy usage (kg of CO2e)	231.42
Ports & interfaces		Carbon emissions, end-of-life (kg of CO2e)	13.8
USB 2.0 ports quantity *	2	PAIA version	GaBi version 1, 2024
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Display	
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2	Display included *	✗
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1	Audio	
USB 3.2 Gen 2x2 Type-C ports quantity	2	Audio chip	Realtek ALC3204
Intel® Thunderbolt 4	✓	Audio system	High Definition Audio
		Other features	
		Doesn't contain	PVC/BFR



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