DELL Pro Max FCT2250 T2 Intel Core Ultra 7 265 16 GB DDR5-SDRAM 512 GB SSD AMD Radeon Pro W7500 Windows 11 Pro Tower PC Black



Brand : DELL **Product family:** Pro Max **Product code:** 6M9C6

Product name : FCT2250 T2

- Windows 11 Pro 64-bit
- Intel Core Ultra 7 265 (30MB Cache)
- AMD Radeon Pro W7500 (8GB GDDR6)
- 16GB DDR5-SDRAM & 512GB SSD

Intel Core Ultra 7 265 (30MB Cache), 16GB DDR5-SDRAM, 512GB SSD, DVD±RW, Intel Graphics, AMD Radeon Pro W7500 (8GB 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	
Processor manufacturer *	Intel
Processor family *	Intel Core Ultra 7
Processor generation	Intel Core Ultra (Series 2)
Processor model *	265
Processor cores	20
Processor threads	20
Processor boost frequency	5.3 GHz
Performance cores	8
Efficient cores	12
Performance-core Max Turbo Frequency	5.2 GHz
Efficient-core Max Turbo Frequency	4.6 GHz
Performance-core base frequency	2.4 GHz
Efficient-core base frequency	1.8 GHz
Processor cache	30 MB
Processor cache type	Smart Cache
Number of processors installed	1
Processor base power	65 W
Maximum turbo power	182 W

Neural processor unit (NPU)	
Neural processor unit (NPU)	Intel AI Boost
Sparsity support	✔
Windows Studio effects support	✔
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN
Total processor performance up to	33 TOPs
NPU performance up to	13 TOPs
GPU performance up to	8 TOPs

Network	
Ethernet LAN data rates	10,100,1000 Mbit/s
Cabling technology	10/100/1000Base-T(X)
LAN controller	Intel® I219-LM
Wi-Fi *	✔
Top Wi-Fi standard	Wi-Fi 7 (802.11be)
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)
Antenna type	2x2
Bluetooth	✔

Ports & interfaces	
USB 2.0 ports quantity *	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
USB 3.2 Gen 2x2 Type-C ports quantity	2
Intel® Thunderbolt 4	✔
Thunderbolt 4 ports quantity	1
DisplayPorts quantity	2
DisplayPort version	1.4a
Ethernet LAN (RJ-45) ports	1
Combo headphone/mic port	✔
DC-in jack	✔
Number of rear USB ports	6
Number of front USB ports	4

Memory	
Internal memory *	16 GB
Maximum internal memory *	128 GB
Internal memory type	DDR5-SDRAM
Memory slots	4x DIMM
Non-ECC	✔
Memory data transfer rate	5600 MT/s

Storage	
Total storage capacity *	512 GB
Storage media *	SSD
Optical drive type *	DVD±RW
Number of storage drives installed	1
Total SSDs capacity	512 GB
Number of SSDs installed	1
SSD capacity	512 GB
SSD memory type	TLC
SSD interface	PCI Express
NVMe	✔
SSD form factor	M.2
M.2 SSD size	2280 (22 x 80 mm)

Graphics	
Discrete graphics card *	✔
Discrete GPU manufacturer	AMD
On-board graphics card *	✔
Discrete graphics card model *	AMD Radeon Pro W7500
Discrete graphics card memory	8 GB
Discrete graphics memory type	GDDR6
Number of discrete graphics cards	1
On-board GPU manufacturer	Intel
On-board graphics card family	Intel® Graphics
On-board graphics card model *	Intel® Graphics
Graphics card DisplayPorts quantity	4

Performance	
Market positioning	Business
Motherboard chipset	Intel W880
Trusted Platform Module (TPM)	✔
Product type *	PC
Trusted Platform Module (TPM) version	2.0

Network	
Ethernet LAN *	✔

Ports & interfaces	
Number of SATA III connectors	4

Expansion slots	
PCI Express x4 (Gen 3.x) slots	2
PCI Express x4 (Gen 4.x) slots	1
PCI Express x16 (Gen 5.x) slots	1

Power	
Power supply *	500 W
Power supply input voltage	90 - 264 V
Power supply input frequency	47/63 Hz
80 PLUS certification	80 PLUS Platinum

Design	
Chassis type *	Tower
Volume	32 L
Placement supported	Vertical
Cable lock slot	✔
Cable lock slot type	Kensington
Product colour *	Black

Software	
Operating system architecture	64-bit
Operating system installed *	Windows 11 Pro
Trial software	Activate Your Microsoft 365 For A 30 Day Trial

Display	
Display included *	✘

Audio	
Audio chip	Realtek ALC3204
Audio system	High Definition Audio

Operational conditions	
Operating temperature (T-T)	0 - 35 °C
Storage temperature (T-T)	-40 - 65 °C
Operating relative humidity (H-H)	10 - 90%
Storage relative humidity (H-H)	0 - 95%
Operating altitude	-15.2 - 3048 m
Non-operating altitude	-15.2 - 10668 m
Operating vibration	0.66 G
Non-operating vibration	1.3 G
Operating shock	110 G
Non-operating shock	160 G

Weight & dimensions	
Width *	187.7 mm
Depth *	438 mm
Height *	387 mm
Weight *	9.7 kg

Packaging content	
Cables included	AC
Box contents	System Power Cord C13 (US 125V, 15A)

Sustainability	
Sustainability certificates	ENERGY STAR, EPEAT Climate +
Doesn't contain	PVC/BFR

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Catalog Object Cloud

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