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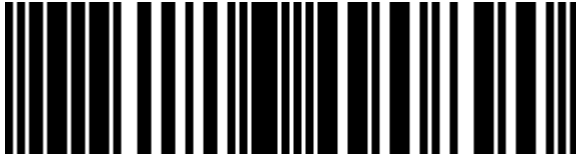
Professional-grade AI desktops that unlock maximum performance through cutting-edge CPUs, pro-level GPUs, high-speed storage, and advanced memory.

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

Processor

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

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
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

Design

Chassis type *	Tower
Volume	32 L
Placement supported	Vertical
Cable lock slot	✔

Memory

Internal memory *	32 GB
Maximum internal memory *	128 GB
Internal memory type	DDR5-SDRAM
Memory slots	4x DIMM
Non-ECC	✔

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	NVIDIA
On-board graphics card *	✔
Discrete graphics card model *	NVIDIA RTX 2000 Ada
Discrete graphics card memory	16 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 Mini DisplayPort ports quantity	4

Network

Ethernet LAN *	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Cabling technology	10/100/1000Base-T(X)
LAN controller	Intel® I219-LM
Wi-Fi *	✘

Design

Cable lock slot type	Kensington
Product colour *	Black

Performance

Market positioning	Business
Motherboard chipset	Intel W880
Audio chip	Realtek ALC3204
Audio system	High Definition Audio
Trusted Platform Module (TPM)	✔
Product type *	PC
Trusted Platform Module (TPM) version	2.0

Software

Operating system architecture	64-bit
Operating system installed *	Windows 11 Pro

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

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

Sustainability

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

Weight & dimensions

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

Packaging content

Cables included	AC

Display

Display included *	✘

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