DELL Pro Max FCT2250 T2 Intel Core Ultra 7 265 64 GB DDR5-SDRAM 1 TB SSD Windows 11 Pro Tower PC Black





Brand : DELL **Product family:** Pro Max **Product code:** 4VDMT

Product name : FCT2250 T2

DELL Pro Max FCT2250 T2. Processor family: Intel Core Ultra 7, Processor model: 265. Internal memory: 64 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel® Graphics. Operating system installed: Windows 11 Pro, Operating system architecture: 64-bit. Power supply: 1500 W. Chassis type: Tower. Product type: PC. Weight: 9.7 kg. Product colour: Black

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 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

Power	
Power supply *	1500 W
Power supply input voltage	90 - 264 V
Power supply input frequency	47/63 Hz
80 PLUS certification	80 PLUS Platinum

Memory

Internal memory *	64 GB
Maximum internal memory *	128 GB
Internal memory type	DDR5-SDRAM
Memory layout (slots x size)	2 x 32 GB
Memory slots	4x DIMM
Non-ECC	✔
Memory channels	Single-channel
Memory data transfer rate	5600 MT/s

Storage

Total storage capacity *	1 TB
Storage media *	SSD
Optical drive type *	✘
Number of storage drives installed	1
Total SSDs capacity	1 TB
Number of SSDs installed	1
SSD capacity	1 TB
SSD memory type	TLC
SSD interface	PCI Express
NVMe	✔
SSD form factor	M.2
M.2 SSD size	2280 (22 x 80 mm)
Self-Encrypting Drive (SED)	✔

Graphics

Discrete graphics card *	✘
On-board graphics card *	✔
Discrete graphics card model *	Not available
On-board GPU manufacturer	Intel
On-board graphics card family	Intel® Graphics
On-board graphics card model *	Intel® Graphics

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

Ports & interfaces

USB 2.0 ports quantity *	2

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

Sustainability

Sustainability certificates	ENERGY STAR, EPEAT Climate +
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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