



# DELL Pro Max FCT2250 T2 Intel Core Ultra 7 265 32 GB DDR5-SDRAM 1 TB SSD NVIDIA RTX A1000 Windows 11 Pro Tower PC Black



**Brand :** DELL

**Product family:** Pro Max

**Product code:** J9JX5

**Product name :** FCT2250 T2

- Windows 11 Pro 64-bit
  - Intel Core Ultra 7 265 (30MB Cache)
  - NVIDIA RTX A1000 (8GB 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 A1000 (8GB 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 A1000. 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		

<b>Memory</b>		<b>Design</b>	
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	<b>Software</b>	
<b>Storage</b>		Operating system architecture	64-bit
Total storage capacity *	1 TB	Operating system installed *	Windows 11 Pro
Storage media *	SSD	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Optical drive type *	✗	<b>Processor special features</b>	
Number of storage drives installed	1	Intel® Active Management Technology (Intel® AMT)	✓
Total SSDs capacity	1 TB	<b>Display</b>	
Number of SSDs installed	1	Display included *	✗
SSD capacity	1 TB	<b>Audio</b>	
SSD memory type	TLC	Audio chip	Realtek ALC3204
SSD interface	PCI Express	Audio system	High Definition Audio
NVMe	✓	<b>Operational conditions</b>	
SSD form factor	M.2	Operating temperature (T-T)	0 - 35 °C
M.2 SSD size	2280 (22 x 80 mm)	Storage temperature (T-T)	-40 - 65 °C
<b>Graphics</b>		Operating relative humidity (H-H)	10 - 90%
Discrete graphics card *	✓	Storage relative humidity (H-H)	0 - 95%
Discrete GPU manufacturer	NVIDIA	Operating altitude	-15.2 - 3048 m
On-board graphics card *	✓	Non-operating altitude	-15.2 - 10668 m
Discrete graphics card model *	NVIDIA RTX A1000	Operating vibration	0.66 G
Discrete graphics card memory	8 GB	Non-operating vibration	1.3 G
Discrete graphics memory type	GDDR6	Operating shock	110 G
Number of discrete graphics cards	1	Non-operating shock	160 G
On-board GPU manufacturer	Intel	<b>Weight &amp; dimensions</b>	
On-board graphics card family	Intel® Graphics	Width *	187.7 mm
On-board graphics card model *	Intel® Graphics	Depth *	438 mm
Graphics card Mini DisplayPort ports quantity	4	Height *	387 mm
<b>Performance</b>		Weight *	9.7 kg
Market positioning	Business	<b>Packaging content</b>	
Motherboard chipset	Intel W880	Mouse included on selected markets	Dell Optical Mouse-MS116 - Black
Trusted Platform Module (TPM)	✓	Keyboard included on selected markets	Dell Wired Keyboard - KB216 - UK (QWERTY) - Black
Product type *	PC	Cables included	AC
Trusted Platform Module (TPM) version	2.0	<b>Sustainability</b>	
<b>Network</b>		Sustainability certificates	ENERGY STAR, EPEAT Climate +
Ethernet LAN *	✓	Doesn't contain	PVC/BFR
Ethernet LAN data rates	10,100,1000 Mbit/s	<b>Carbon footprint</b>	
Cabling technology	10/100/1000Base-T(X)	Total carbon footprint (kg of CO2e)	406
LAN controller	Intel® I219-LM	Carbon emissions, manufacturing (kg of CO2e)	145.35
Wi-Fi *	✗	Carbon emissions, logistics (kg of CO2e)	15.43
<b>Ports &amp; interfaces</b>		Carbon emissions, energy usage (kg of CO2e)	231.42
USB 2.0 ports quantity *	2	Carbon emissions, end-of-life (kg of CO2e)	13.8
		PAIA version	GaBi version 1, 2024



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