



DELL ECT1250 Intel® Core™ i5 i5-14400 8 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro Tower PC Black

Brand : DELL

Product code: ECT1250_RPLS-R_004

Product name : ECT1250

DELL ECT1250. Processor family: Intel® Core™ i5, Processor model: i5-14400. Internal memory: 8 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel UHD Graphics 730. Wi-Fi. Operating system installed: Windows 11 Pro, Operating system architecture: 64-bit. Power supply: 180 W. Chassis type: Tower. Product type: PC. Weight: 6.86 kg. Product colour: Black



Processor		Network	
Processor manufacturer *	Intel	WLAN controller model	MediaTek MT7920
Processor family *	Intel® Core™ i5	Antenna type	2x2
Processor generation	Intel® Core™ i5 (14th gen)	Bluetooth	✓
Processor model *	i5-14400	MU-MIMO	✓
Processor cores	10	Ports & interfaces	
Processor threads	16	USB 2.0 ports quantity *	4
Processor boost frequency	4.7 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Performance cores	6	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Efficient cores	4	DisplayPorts quantity	1
Performance-core Max Turbo Frequency	4.7 GHz	DisplayPort version	1.4a
Efficient-core Max Turbo Frequency	3.5 GHz	HDMI ports quantity *	1
Performance-core base frequency	2.5 GHz	HDMI version	2.1
Efficient-core base frequency	1.8 GHz	Ethernet LAN (RJ-45) ports	1
Processor cache	20 MB	Combo headphone/mic port	✓
Processor cache type	Smart Cache	Number of SATA III connectors	1
Number of processors installed	1	Expansion slots	
Processor base power	65 W	PCI Express x1 slots	2
Maximum turbo power	148 W	PCI Express x16 slots	1
Neural processor unit (NPU)		Power	
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Power supply *	180 W
Memory		Power supply input voltage	90 - 264 V
Internal memory *	8 GB		

Memory		Power	
Maximum internal memory *	64 GB	Power supply input frequency	47/63 Hz
Internal memory type	DDR5-SDRAM	80 PLUS certification	80 PLUS Bronze
Memory layout (slots x size)	1 x 8 GB	Design	
Memory slots	2x DIMM	Chassis type *	Tower
Memory channels	Single-channel	Placement supported	Vertical
Memory data transfer rate	4800 MT/s	Cable lock slot	✓
Storage		Cable lock slot type	Kensington
Total storage capacity *	512 GB	Product colour *	Black
Storage media *	SSD	Software	
Optical drive type *	✗	Operating system architecture	64-bit
Number of storage drives installed	1	Operating system installed *	Windows 11 Pro
Number of storage drives supported	2	Display	
Total SSDs capacity	512 GB	Display included *	✗
Number of SSDs installed	1	Audio	
SSD capacity	512 GB	Audio chip	Realtek ALC3204
SSD interface	PCI Express 4.0	Audio system	High Definition Audio
NVMe	✓	Operational conditions	
SSD form factor	M.2	Operating temperature (T-T)	10 - 35 °C
M.2 SSD size	2230 (22 x 30 mm)	Storage temperature (T-T)	-40 - 65 °C
Graphics		Operating relative humidity (H-H)	10 - 90%
Discrete graphics card *	✗	Storage relative humidity (H-H)	0 - 95%
On-board graphics card *	✓	Operating altitude	-15.2 - 3048 m
Discrete graphics card model *	Not available	Non-operating altitude	-15.2 - 10668 m
On-board GPU manufacturer	Intel	Operating vibration	0.66 G
On-board graphics card family	Intel® UHD Graphics	Non-operating vibration	1.3 G
On-board graphics card model *	Intel UHD Graphics 730	Operating shock	110 G
Performance		Non-operating shock	160 G
Motherboard chipset	Intel® Q870	Weight & dimensions	
Trusted Platform Module (TPM)	✓	Width *	154 mm
Product type *	PC	Depth *	293 mm
Trusted Platform Module (TPM) version	2.0	Height *	324.3 mm
Network		Weight *	6.86 kg
Ethernet LAN *	✓	Sustainability	
Ethernet LAN data rates	10,100,1000 Mbit/s	Sustainability certificates	ENERGY STAR, EPEAT Climate +, EPEAT Silver
Cabling technology	10/100/1000Base-T(X)	Carbon footprint	
LAN controller	Realtek RTL8111KD	Total carbon footprint (kg of CO2e)	214
Wi-Fi *	✓	Carbon emissions, manufacturing (kg of CO2e)	112.992
Top Wi-Fi standard	Wi-Fi 6 (802.11ax)	Carbon emissions, logistics (kg of CO2e)	10.272
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, Wi-Fi 6 (802.11ax), 802.11g, Wi-Fi 4 (802.11n)	Carbon emissions, energy usage (kg of CO2e)	84.316
WLAN controller manufacturer	MediaTek	Carbon emissions, end-of-life (kg of CO2e)	6.42
		PAIA version	GaBi version 1, 2024



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