



DELL ECT1250 Intel Core Ultra 7 265 16 GB DDR5-SDRAM 1 TB SSD Windows 11 Pro Tower PC Black

Brand : DELL

Product code: ECT1250_ARLS_102

Product name : ECT1250

DELL ECT1250. Processor family: Intel Core Ultra 7, Processor model: 265. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics. 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	MU-MIMO	✓
Processor family *	Intel Core Ultra 7	Ports & interfaces	
Processor generation	Intel Core Ultra (Series 2)	USB 2.0 ports quantity *	4
Processor model *	265	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Processor cores	20	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Processor threads	20	HDMI ports quantity *	1
Processor boost frequency	5.3 GHz	HDMI version	2.1
Performance cores	8	DisplayPorts quantity	1
Efficient cores	12	DisplayPort version	1.4a
Performance-core Max Turbo Frequency	5.2 GHz	Ethernet LAN (RJ-45) ports	1
Efficient-core Max Turbo Frequency	4.6 GHz	Combo headphone/mic port	✓
Performance-core base frequency	2.4 GHz	Number of SATA III connectors	1
Efficient-core base frequency	1.8 GHz	Expansion slots	
Processor cache	30 MB	PCI Express x1 slots	2
Processor cache type	Smart Cache	PCI Express x16 slots	1
Number of processors installed	1	Design	
Processor base power	65 W	Chassis type *	Tower
Maximum turbo power	182 W	Placement supported	Vertical
Neural processor unit (NPU)		Cable lock slot	✓
Neural processor unit (NPU)	Intel AI Boost	Cable lock slot type	Kensington
Sparsity support	✓	Product colour *	Black
Windows Studio effects support	✓		

Neural processor unit (NPU)		Performance	
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Motherboard chipset	Intel® Q870
Total processor performance up to	33 TOPs	Trusted Platform Module (TPM)	✔
NPU performance up to	13 TOPs	Product type *	PC
GPU performance up to	8 TOPs	Trusted Platform Module (TPM) version	2.0
Memory		Software	
Internal memory *	16 GB	Operating system architecture	64-bit
Maximum internal memory *	64 GB	Operating system installed *	Windows 11 Pro
Internal memory type	DDR5-SDRAM	Trial software	McAfee LiveSafe 1-year (5-device),Activate Your Microsoft 365 For A 30 Day Trial
Memory layout (slots x size)	1 x 16 GB		
Memory slots	2x DIMM		
Memory channels	Single-channel		
Memory data transfer rate	5600 MT/s	Power	
Storage		Power supply *	180 W
Total storage capacity *	1 TB	Power supply input voltage	90 - 264 V
Storage media *	SSD	Power supply input frequency	47/63 Hz
Optical drive type *	✗	80 PLUS certification	80 PLUS Bronze
Number of storage drives installed	1	Operational conditions	
Number of storage drives supported	2	Operating temperature (T-T)	10 - 35 °C
Total SSDs capacity	1 TB	Storage temperature (T-T)	-40 - 65 °C
Number of SSDs installed	1	Operating relative humidity (H-H)	10 - 90%
SSD capacity	1 TB	Storage relative humidity (H-H)	0 - 95%
SSD interface	PCI Express 4.0	Operating altitude	-15.2 - 3048 m
NVMe	✔	Non-operating altitude	-15.2 - 10668 m
SSD form factor	M.2	Operating vibration	0.66 G
M.2 SSD size	2230 (22 x 30 mm)	Non-operating vibration	1.3 G
Graphics		Operating shock	110 G
Discrete graphics card *	✗	Non-operating shock	160 G
On-board graphics card *	✔	Sustainability	
Discrete graphics card model *	Not available	Sustainability certificates	ENERGY STAR, EPEAT Climate +, EPEAT Silver
On-board GPU manufacturer	Intel	Weight & dimensions	
On-board graphics card family	Intel® UHD Graphics	Width *	154 mm
On-board graphics card model *	Intel® UHD Graphics	Depth *	293 mm
Network		Height *	324.3 mm
Ethernet LAN *	✔	Weight *	6.86 kg
Ethernet LAN data rates	10,100,1000 Mbit/s	Carbon footprint	
Cabling technology	10/100/1000Base-T(X)	Total carbon footprint (kg of CO2e)	214
LAN controller	Realtek RTL8111KD	Carbon emissions, manufacturing (kg of CO2e)	112.992
Wi-Fi *	✔	Carbon emissions, logistics (kg of CO2e)	10.272
Top Wi-Fi standard	Wi-Fi 6 (802.11ax)	Carbon emissions, energy usage (kg of CO2e)	84.316
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, end-of-life (kg of CO2e)	6.42
WLAN controller manufacturer	MediaTek	PAIA version	GaBi version 1, 2024
WLAN controller model	MediaTek MT7920	Display	
Antenna type	2x2	Display included *	✗
Bluetooth	✔	Audio	
		Audio chip	Realtek ALC3204
		Audio system	High Definition Audio

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