



DELL ECS1250 Intel Core Ultra 7 265 16 GB DDR5-SDRAM 1 TB SSD Windows 11 Pro Slim PC PC Black

Brand : DELL

Product code: ECS1250_ARLS_102

Product name : ECS1250

DELL ECS1250. 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® Graphics. Wi-Fi. Operating system installed: Windows 11 Pro, Operating system architecture: 64-bit. Power supply: 180 W. Chassis type: Slim PC. Product type: PC. Weight: 4.75 kg. Product colour: Black



Processor		Network	
Processor manufacturer *	Intel	Antenna type	2x2
Processor family *	Intel Core Ultra 7	Bluetooth	✓
Processor generation	Intel Core Ultra (Series 2)	MU-MIMO	✓
Processor model *	265	Ports & interfaces	
Processor cores	20	USB 2.0 ports quantity *	4
Processor threads	20	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Processor boost frequency	5.3 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Performance cores	8	HDMI ports quantity *	1
Efficient cores	12	HDMI version	2.1
Performance-core Max Turbo Frequency	5.2 GHz	DisplayPorts quantity	1
Efficient-core Max Turbo Frequency	4.6 GHz	DisplayPort version	1.4
Performance-core base frequency	2.4 GHz	Ethernet LAN (RJ-45) ports	1
Efficient-core base frequency	1.8 GHz	Combo headphone/mic port	✓
Processor cache	30 MB	Design	
Processor cache type	Smart Cache	Chassis type *	Slim PC
Number of processors installed	1	Cable lock slot	✓
Processor base power	65 W	Cable lock slot type	Kensington
Maximum turbo power	182 W	Product colour *	Black
Neural processor unit (NPU)		Performance	
Neural processor unit (NPU)	Intel AI Boost	Motherboard chipset	Intel SoC
Sparsity support	✓		
Windows Studio effects support	✓		

Neural processor unit (NPU)		Performance	
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Trusted Platform Module (TPM)	✓
Total processor performance up to	33 TOPs	Product type *	PC
NPU performance up to	13 TOPs	Trusted Platform Module (TPM) version	2.0
GPU performance up to	8 TOPs	Software	
Memory		Operating system architecture	64-bit
Internal memory *	16 GB	Operating system installed *	Windows 11 Pro
Maximum internal memory *	64 GB	Trial software	McAfee LiveSafe 1Yr,Microsoft Office Trial
Internal memory type	DDR5-SDRAM	Power	
Memory layout (slots x size)	1 x 16 GB	Power supply *	180 W
Memory slots	2x DIMM	Power supply input voltage	90 - 264 V
Memory channels	Single-channel	Power supply input frequency	47/63 Hz
Memory data transfer rate	5600 MT/s	80 PLUS certification	80 PLUS Bronze
Storage		Operational conditions	
Total storage capacity *	1 TB	Operating temperature (T-T)	10 - 35 °C
Storage media *	SSD	Storage temperature (T-T)	-40 - 65 °C
Optical drive type *	✗	Operating relative humidity (H-H)	20 - 80%
Number of storage drives installed	1	Storage relative humidity (H-H)	5 - 95%
Total SSDs capacity	1 TB	Operating altitude	-15.2 - 3048 m
Number of SSDs installed	1	Non-operating altitude	-15.2 - 10668 m
SSD capacity	1 TB	Operating vibration	0.26 G
SSD interface	PCI Express 4.0	Non-operating vibration	1.37 G
NVMe	✓	Operating shock	40 G
SSD form factor	M.2	Non-operating shock	105 G
Graphics		Weight & dimensions	
Discrete graphics card *	✗	Width *	95 mm
On-board graphics card *	✓	Depth *	293 mm
Discrete graphics card model *	Not available	Height *	303.5 mm
On-board GPU manufacturer	Intel	Weight *	4.75 kg
On-board graphics card family	Intel® Graphics	Carbon footprint	
On-board graphics card model *	Intel® Graphics	Total carbon footprint (kg of CO2e)	148
Network		Carbon emissions, manufacturing (kg of CO2e)	73.26
Ethernet LAN *	✓	Carbon emissions, logistics (kg of CO2e)	9.176
Ethernet LAN data rates	10,100,1000 Mbit/s	Carbon emissions, energy usage (kg of CO2e)	62.752
Cabling technology	10/100/1000Base-T(X)	Carbon emissions, end-of-life (kg of CO2e)	2.96
Wi-Fi *	✓	PAIA version	GaBi version 1, 2024
Top Wi-Fi standard	Wi-Fi 6 (802.11ax)	Display	
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, Wi-Fi 6 (802.11ax), 802.11g, Wi-Fi 4 (802.11n)	Display included *	✗
WLAN controller manufacturer	MediaTek	Audio	
WLAN controller model	MediaTek MT7920	Audio chip	Realtek ALC3204
		Audio system	High Definition Audio

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