



DELL ECS1250 Intel® Core™ i7 i7-14700 16 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro Slim PC PC Black

Brand : DELL

Product code: ECS1250_RPLS-R_004

Product name : ECS1250

DELL ECS1250. Processor family: Intel® Core™ i7, Processor model: i7-14700. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel UHD Graphics 770. 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	WLAN controller model	MediaTek MT7920
Processor family *	Intel® Core™ i7	Antenna type	2x2
Processor generation	Intel® Core™ i7 (14th gen)	Bluetooth	✓
Processor model *	i7-14700	MU-MIMO	✓
Processor cores	20	Ports & interfaces	
Processor threads	28	USB 2.0 ports quantity *	4
Processor boost frequency	5.4 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Performance cores	8	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Efficient cores	12	DisplayPorts quantity	1
Performance-core Max Turbo Frequency	5.3 GHz	DisplayPort version	1.4
Efficient-core Max Turbo Frequency	4.2 GHz	HDMI ports quantity *	1
Performance-core base frequency	2.1 GHz	HDMI version	2.1
Efficient-core base frequency	1.5 GHz	Ethernet LAN (RJ-45) ports	1
Processor cache	33 MB	Combo headphone/mic port	✓
Processor cache type	Smart Cache	Power	
Number of processors installed	1	Power supply *	180 W
Processor base power	65 W	Power supply input voltage	90 - 264 V
Maximum turbo power	219 W	Power supply input frequency	47/63 Hz
Memory		80 PLUS certification	80 PLUS Bronze
Internal memory *	16 GB	Design	
Maximum internal memory *	64 GB	Chassis type *	Slim PC
Internal memory type	DDR5-SDRAM		
Memory layout (slots x size)	1 x 16 GB		

Memory		Design	
Memory slots	2x DIMM	Cable lock slot	✓
Memory channels	Single-channel	Cable lock slot type	Kensington
Memory data transfer rate	5600 MT/s	Product colour *	Black
Storage		Software	
Total storage capacity *	512 GB	Operating system architecture	64-bit
Storage media *	SSD	Operating system installed *	Windows 11 Pro
Optical drive type *	✗	Trial software	McAfee LiveSafe 1Yr,Microsoft Office Trial
Number of storage drives installed	1		
Total SSDs capacity	512 GB	Display	
Number of SSDs installed	1	Display included *	✗
SSD capacity	512 GB	Audio	
SSD interface	PCI Express 4.0	Audio chip	Realtek ALC3204
NVMe	✓	Audio system	High Definition Audio
SSD form factor	M.2	Operational conditions	
Graphics		Operating temperature (T-T)	10 - 35 °C
Discrete graphics card *	✗	Storage temperature (T-T)	-40 - 65 °C
On-board graphics card *	✓	Operating relative humidity (H-H)	20 - 80%
Discrete graphics card model *	Not available	Storage relative humidity (H-H)	5 - 95%
On-board GPU manufacturer	Intel	Operating altitude	-15.2 - 3048 m
On-board graphics card family	Intel® UHD Graphics	Non-operating altitude	-15.2 - 10668 m
On-board graphics card model *	Intel UHD Graphics 770	Operating vibration	0.26 G
Performance		Non-operating vibration	1.37 G
Motherboard chipset	Intel SoC	Operating shock	40 G
Trusted Platform Module (TPM)	✓	Non-operating shock	105 G
Product type *	PC	Weight & dimensions	
Trusted Platform Module (TPM) version	2.0	Width *	95 mm
Network		Depth *	293 mm
Ethernet LAN *	✓	Height *	303.5 mm
Ethernet LAN data rates	10,100,1000 Mbit/s	Weight *	4.75 kg
Cabling technology	10/100/1000Base-T(X)	Carbon footprint	
Wi-Fi *	✓	Total carbon footprint (kg of CO2e)	148
Top Wi-Fi standard	Wi-Fi 6 (802.11ax)	Carbon emissions, manufacturing (kg of CO2e)	73.26
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, logistics (kg of CO2e)	9.18
WLAN controller manufacturer	MediaTek	Carbon emissions, energy usage (kg of CO2e)	62.75
		Carbon emissions, end-of-life (kg of CO2e)	2.96
		PAIA version	GaBi version 1, 2024

Catalog Object Cloud



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