



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

Brand : DELL

Product code: OECS125000401DINB3

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 Home, 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 manufacturer	MediaTek
Processor family *	Intel® Core™ i7	WLAN controller model	MediaTek MT7920
Processor generation	Intel® Core™ i7 (14th gen)	Antenna type	2x2
Processor model *	i7-14700	Bluetooth	✓
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
Efficient-core Max Turbo Frequency	4.2 GHz	DisplayPort version	1.4
Processor cache	33 MB	HDMI ports quantity *	1
Processor cache type	Smart Cache	HDMI version	2.1
Number of processors installed	1	Ethernet LAN (RJ-45) ports	1
Processor socket	LGA 1700	Combo headphone/mic port	✓
Processor base power	65 W	Number of SATA III connectors	1
Maximum turbo power	219 W	Expansion slots	
Memory		PCI Express x1 slots	2
Internal memory *	16 GB	PCI Express x16 slots	1
Maximum internal memory *	64 GB	Power	
Internal memory type	DDR5-SDRAM	Power supply *	180 W
Memory layout (slots x size)	1 x 16 GB	Power supply input voltage	90 - 264 V
Memory slots	2x DIMM		
Memory channels	Single-channel		
Memory data transfer rate	5600 MT/s		

Storage		Power	
Total storage capacity *	512 GB	Power supply input frequency	47/63 Hz
Storage media *	SSD	80 PLUS certification	80 PLUS Bronze
Optical drive type *	✗	Design	
Number of storage drives installed	1	Chassis type *	Slim PC
Total SSDs capacity	512 GB	Cable lock slot	✓
Number of SSDs installed	1	Cable lock slot type	Kensington
SSD capacity	512 GB	Product colour *	Black
SSD interface	PCI Express 4.0	Software	
NVMe	✓	Operating system architecture	64-bit
SSD form factor	M.2	Operating system installed *	Windows 11 Home
Graphics		Display	
Discrete graphics card *	✗	Display included *	✓
On-board graphics card *	✓	Audio	
Discrete graphics card model *	Not available	Audio chip	Realtek ALC3204
On-board GPU manufacturer	Intel	Audio system	High Definition Audio
On-board graphics card family	Intel® UHD Graphics	Operational conditions	
On-board graphics card model *	Intel UHD Graphics 770	Operating temperature (T-T)	10 - 35 °C
Performance		Storage temperature (T-T)	-40 - 65 °C
Motherboard chipset	Intel SoC	Operating relative humidity (H-H)	20 - 80%
Trusted Platform Module (TPM)	✓	Storage relative humidity (H-H)	5 - 95%
Product type *	PC	Operating altitude	-15.2 - 3048 m
Trusted Platform Module (TPM) version	2.0	Non-operating altitude	-15.2 - 10668 m
Network		Operating vibration	0.26 G
Ethernet LAN *	✓	Non-operating vibration	1.37 G
Ethernet LAN data rates	10,100,1000 Mbit/s	Operating shock	40 G
Cabling technology	10/100/1000Base-T(X)	Non-operating shock	105 G
Wi-Fi *	✓	Weight & dimensions	
Top Wi-Fi standard	Wi-Fi 6 (802.11ax)	Width *	95 mm
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac),	Depth *	293 mm
	802.11b, Wi-Fi 6 (802.11ax),	Height *	303.5 mm
	802.11g, Wi-Fi 4 (802.11n)	Weight *	4.75 kg
		Sustainability	
		Sustainability certificates	ENERGY STAR, EPEAT Climate +, EPEAT Silver



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