



DELL ECS1250 Intel® Core™ i5 i5-14400 16 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro Slim PC PC Black

Brand : DELL

Product code: ECS1250_RPLS-R_002

Product name : ECS1250

DELL ECS1250. Processor family: Intel® Core™ i5, Processor model: i5-14400. 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 730. 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		Ports & interfaces	
Processor manufacturer *	Intel	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Processor family *	Intel® Core™ i5	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Processor generation	Intel® Core™ i5 (14th gen)	HDMI ports quantity *	1
Processor model *	i5-14400	HDMI version	2.1
Processor cores	10	DisplayPorts quantity	1
Processor threads	16	DisplayPort version	1.4
Processor boost frequency	4.7 GHz	Ethernet LAN (RJ-45) ports	1
Performance cores	6	Combo headphone/mic port	✓
Efficient cores	4	Design	
Performance-core Max Turbo Frequency	4.7 GHz	Chassis type *	Slim PC
Efficient-core Max Turbo Frequency	3.5 GHz	Cable lock slot	✓
Performance-core base frequency	2.5 GHz	Cable lock slot type	Kensington
Efficient-core base frequency	1.8 GHz	Product colour *	Black
Processor cache	20 MB	Performance	
Processor cache type	Smart Cache	Motherboard chipset	Intel SoC
Number of processors installed	1	Trusted Platform Module (TPM)	✓
Processor base power	65 W	Product type *	PC
Maximum turbo power	148 W	Trusted Platform Module (TPM) version	2.0
Memory		Software	
Internal memory *	16 GB	Operating system architecture	64-bit
Maximum internal memory *	64 GB		
Internal memory type	DDR5-SDRAM		
Memory layout (slots x size)	1 x 16 GB		

Memory		Software	
Memory slots	2x DIMM	Operating system installed *	Windows 11 Pro
Memory channels	Single-channel	Trial software	McAfee LiveSafe 1Yr,Microsoft Office Trial
Memory data transfer rate	5600 MT/s		
Storage		Power	
Total storage capacity *	512 GB	Power supply *	180 W
Storage media *	SSD	Power supply input voltage	90 - 264 V
Optical drive type *	✗	Power supply input frequency	47/63 Hz
Number of storage drives installed	1	80 PLUS certification	80 PLUS Bronze
Total SSDs capacity	512 GB		
Number of SSDs installed	1	Operational conditions	
SSD capacity	512 GB	Operating temperature (T-T)	10 - 35 °C
SSD interface	PCI Express 4.0	Storage temperature (T-T)	-40 - 65 °C
NVMe	✓	Operating relative humidity (H-H)	20 - 80%
SSD form factor	M.2	Storage relative humidity (H-H)	5 - 95%
Graphics		Operating altitude	-15.2 - 3048 m
Discrete graphics card *	✗	Non-operating altitude	-15.2 - 10668 m
On-board graphics card *	✓	Operating vibration	0.26 G
Discrete graphics card model *	Not available	Non-operating vibration	1.37 G
On-board GPU manufacturer	Intel	Operating shock	40 G
On-board graphics card family	Intel® UHD Graphics	Non-operating shock	105 G
On-board graphics card model *	Intel UHD Graphics 730		
Network		Weight & dimensions	
Ethernet LAN *	✓	Width *	95 mm
Ethernet LAN data rates	10,100,1000 Mbit/s	Depth *	293 mm
Cabling technology	10/100/1000Base-T(X)	Height *	303.5 mm
Wi-Fi *	✓	Weight *	4.75 kg
Top Wi-Fi standard	Wi-Fi 6 (802.11ax)		
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 footprint	
WLAN controller manufacturer	MediaTek	Total carbon footprint (kg of CO2e)	148
WLAN controller model	MediaTek MT7920	Carbon emissions, manufacturing (kg of CO2e)	73.26
Antenna type	2x2	Carbon emissions, logistics (kg of CO2e)	9.176
Bluetooth	✓	Carbon emissions, energy usage (kg of CO2e)	62.752
MU-MIMO	✓	Carbon emissions, end-of-life (kg of CO2e)	2.96
Ports & interfaces		PAIA version	GaBi version 1, 2024
USB 2.0 ports quantity *	4	Display	
		Display included *	✗
		Audio	
		Audio chip	Realtek ALC3204
		Audio system	High Definition Audio



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