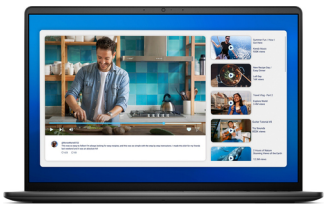
DELL DC16250 Intel Core 5 120U Laptop 40.6 cm (16") Full HD+ 16 GB DDR5-SDRAM 1 TB SSD Wi-Fi 6 (802.11ax) Windows 11 Pro Black Slovakian, Czech



Brand : DELL

Product code: GM07D

Product name : DC16250

DELL DC16250. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core 5, Processor model: 120U. Display diagonal: 40.6 cm (16"), HD type: Full HD+, Display resolution: 1920 x 1200 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel® Graphics. Operating system installed: Windows 11 Pro. Product colour: Black

Design	
Product type *	Laptop
Product colour *	Black
Form factor *	Clamshell

Display	
Display diagonal *	40.6 cm (16")
Display resolution *	1920 x 1200 pixels
Touchscreen *	✗
HD type	Full HD+
Panel type	IPS WVA
Display technology marketing name	ComfyView
Native aspect ratio	16:10
Anti-glare screen	✓
Display brightness	300 cd/m²
Pixel density	141 ppi
RGB colour space	NTSC
Colour gamut	45%
Maximum refresh rate	60 Hz
Contrast ratio (typical)	1000:1

Processor	
Processor manufacturer *	Intel
Processor family *	Intel Core 5
Processor generation	Intel Core (Series 1)
Processor model *	120U
Processor cores	10
Processor threads	12
Processor boost frequency	5 GHz
Performance cores	2
Efficient cores	8
Performance-core Max Turbo Frequency	5 GHz
Efficient-core Max Turbo Frequency	3.8 GHz
Performance-core base frequency	1.4 GHz
Efficient-core base frequency	0.9 GHz
Processor cache	12 MB

Network	
Mobile network connection *	✗
Wi-Fi band	Dual-band (2.4 GHz / 5 GHz)
Wi-Fi data rate (max)	1201 Mbit/s
Antenna type	2x2
WLAN controller model	Realtek RTL8852BE
WLAN controller manufacturer	Realtek
Bluetooth	✓
MIMO	✓
MIMO type	Multi User MIMO

Ports & interfaces	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
HDMI ports quantity *	1
HDMI version	1.4
Combo headphone/mic port	✓
Power adapter barrel connector	4.5 mm
USB Type-C DisplayPort Alternate Mode	✓

Performance	
Accelerometer	✓

Keyboard	
Pointing device	Touchpad
Numeric keypad *	✓
Keyboard backlit	✓
Keyboard language	Slovakian, Czech
Keyboard colour name	Carbon Black
Copilot key	✓

Software	
Operating system architecture	64-bit

Processor

Processor cache type	Smart Cache
Processor socket	BGA 1744
Processor base power	15 W
Maximum turbo power	55 W

Memory

Internal memory *	16 GB
Internal memory type	DDR5-SDRAM
Memory form factor	SO-DIMM
Memory layout (slots x size)	2 x 8 GB
Memory slots	2x SO-DIMM
Maximum internal memory *	32 GB
Memory data transfer rate	5200 MT/s

Storage

Total storage capacity *	1 TB
Storage media *	SSD
Total SSDs capacity	1 TB
Number of SSDs installed	1
SSD capacity	1 TB
SSD interface	PCI Express 4.0
NVMe	✔
SSD form factor	M.2
M.2 SSD size	2230 (22 x 30 mm)
Optical drive type *	✘

Graphics

Discrete graphics card model *	Not available
On-board graphics card *	✔
On-board GPU manufacturer	Intel
Discrete graphics card *	✘
On-board graphics card family	Intel® Graphics
On-board graphics card model *	Intel® Graphics

Audio

Audio system	High Definition Audio
Number of built-in speakers	2
Speaker power	2.5 W
Built-in microphone	✔
Number of microphones	2

Camera

Front camera	✔
Front camera resolution (numeric)	0.92 MP
Front camera resolution	1280 x 720 pixels
Front camera HD type	HD
Video capturing speed	30 fps

Network

Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)

Software

Trial software	McAfee Business Protection 1-year,Activate Your Microsoft 365 For A 30 Day Trial
Operating system installed *	Windows 11 Pro
Bundled software	Windows System Driver

Battery

Battery technology	Lithium Polymer (LiPo)
Number of battery cells	3
Battery capacity *	41 Wh
Battery voltage	11.25 V
Battery recharge time	3 h
Fast charging	✔
Battery charge indicator	✔
Battery weight	180 g

Power

AC adapter power	65 W
AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V
AC adapter output voltage	19.5 V
DC-in jack	✔
USB Type-C charging port *	✔
USB Type-C required charging power (min) *	27 W
USB Type-C required charging power (max) *	65 W
USB Power Delivery (USB PD)	✔

Security

Cable lock slot	✔
Cable lock slot type	Wedge
Fingerprint reader	✔
Trusted Platform Module (TPM)	✔
Trusted Platform Module (TPM) version	2.0

Operational conditions

Operating temperature (T-T)	0 - 35 °C
Storage temperature (T-T)	-40 - 70 °C
Operating relative humidity (H-H)	10 - 90%
Storage relative humidity (H-H)	5 - 95%
Operating altitude	-15.2 - 3048 m
Non-operating altitude	-15.2 - 10668 m
Operating shock	110 G
Non-operating shock	160 G
Operating vibration	0.66 G
Non-operating vibration	1.3 G

Weight & dimensions

Width	357.3 mm
Depth	250.6 mm
Height (front)	1.67 cm
Height (rear)	1.82 cm

Packaging content

AC adapter included *	✘

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