

Dell 16 DC16250(V6TJ7)

Dell 16 DC16250 - Intel Core 7 - 150U / up to 5.4 GHz - Win 11 Pro - Intel Graphics - 16 GB RAM - 512 GB SSD NVMe - 16" 1920 x 1200 (Full HD Plus) - Wi-Fi 6 - carbon black - with 1 Year Basic Onsite



The Dell 16 DC16250 is designed to enhance productivity and entertainment experiences due to its powerful features. With a 16-inch Full HD Plus display, users can enjoy sharp and vibrant visuals with a native resolution of 1920 x 1200. The monitor features anti-glare technology and a wide viewing angle, making it perfect for sharing screens or watching movies with friends and family. Under the hood, the notebook is powered by an Intel Core 7 processor with 10 cores and a maximum turbo speed of 5.4 GHz, providing performance for multitasking and demanding applications. The device includes 16 GB of DDR5 RAM and a speedy 1 TB SSD, ensuring fast data access and ample storage space for files and programs. Combined with advanced connectivity options, including multiple USB ports and Bluetooth capabilities, this laptop is built for both work and play.

Key Selling Points

- 16-inch Full HD Plus display provides vibrant visuals
- Powered by Intel Core 7 processor for high performance
- 1 TB SSD offers ample storage with fast access
- Equipped with a high-definition audio system
- Multiple connectivity options for versatility

Product Features

Immersive display quality

The 16-inch Full HD Plus display delivers stunning visuals with a resolution of 1920 x 1200, allowing for immersive gaming and movie-watching experiences.

Robust processing power

With an Intel Core 7 processor and 10-core design, this notebook operates at a clock speed of 1.8 GHz and can reach up to 5.4 GHz, ensuring smooth multitasking and application performance.

Ample storage capacity

The 1 TB SSD offers significant storage for applications and files, beneficial for users who require fast performance without compromising on storage space.

Comprehensive audio system

Equipped with high-definition audio and stereo speakers, the audio capabilities of this notebook enhance multimedia experiences whether for work or play.

Enhanced connectivity options

The notebook features various ports including HDMI, USB 3.2, and USB-C with Power Delivery, providing flexibility for connecting multiple devices and peripherals.

Main Specifications

Product Description	Dell 16 DC16250 - 16" - Intel Core 7 - 150U - 16 GB RAM - 512 GB SSD
Product Type	Notebook
Operating System	Win 11 Pro
Processor	Intel Core 7 (Series 1) - 150U / 1.8 GHz, up to 5.4 GHz / 12 MB Cache
Memory	16 GB DDR5 (2 x 8 GB)
Storage	512 GB SSD - NVMe
Display	16" 1920 x 1200 / Full HD Plus @ 60 Hz - 141 ppi
Graphics	Intel Graphics
Keyboard Backlight	Yes
Numeric Keypad	Yes
Integrated Webcam	Yes

Networking	802.11a/b/g/n/ac/ax, Bluetooth
Battery	3-cell
Features	Accelerometer
Security	Trusted Platform Module (TPM 2.0) Security Chip, fingerprint reader
Colour	Carbon black
Dimensions (WxDxH)	35.73 cm x 25.06 cm x 1.823 cm
Weight	1.88 kg
Carbon Footprint	98.6 kg carbon emissions
Bundled Services	1 Year Basic Onsite

Extended Specification

Display

Type	16"
Resolution	1920 x 1200 (Full HD Plus)
V-Sync Rate at Max Res.	60 Hz
Widescreen	Yes
Pixel Density (ppi)	141
Image Brightness	300 cd/m ²
Horizontal Viewing Angle	+85 / -85
Vertical Viewing Angle	+85 / -85
Colour Gamut	45% NTSC
Features	Anti-glare, Wide Viewing Angle, 35 ms response rate, 0.18 mm pixel pitch, Dell ComfortView

Environmental Parameters

Min Operating Temperature	0 °C
Max Operating Temperature	35 °C
Humidity Range Operating	10 - 90% (non-condensing)
Shock Tolerance (operating)	110 g @ 2 ms half-sine pulse
Shock Tolerance (non-operating)	160 g @ 2 ms half-sine pulse
Vibration Tolerance (operating)	0.66 g @ RMS (random)
Vibration Tolerance (non-operating)	1.3 g @ RMS (random)

Input

Type	Keyboard, touchpad
Keyboard Backlight	Yes
Numeric Keypad	Yes
Features	Copilot key

Processor / Chipset

CPU	Intel Core 7 (Series 1) 150U / 1.8 GHz
Max Turbo Speed	5.4 GHz
Number of Cores	10-core
Performance Cores	2
Efficient Cores	8
Cache	12 MB
Features	12 Threads

Sustainability Information

Carbon Footprint	98.6 kg carbon emissions
Manufacturing (kg CO2e)	72
Logistics (kg CO2e)	4
Use (kg CO2e)	21
EOL (kg CO2e)	2
Total Carbon w/o Use Phase (kg CO2e)	77.6

Memory

RAM	16 GB (2 x 8 GB)
Max RAM Supported	32 GB
Technology	DDR5 SDRAM
Speed	5200 MT/s
Rated Speed	5200 MT/s
Form Factor	SO-DIMM 262-pin
Slots Qty	2
Empty Slots	0

Miscellaneous

Colour	Carbon black
Integrated Options	Accelerometer
Security	Trusted Platform Module (TPM 2.0) Security Chip, fingerprint reader
Features	ExpressCharge, ExpressChargeBoost
Theft/Intrusion Protection	Security lock slot (cable lock sold separately)
Security Slot Type	Wedge-shaped security slot
Included Accessories	Power adapter

Audio & Video

Graphics Processor	Intel Graphics
Max Monitors Supported	2 external monitor(s)
Camera	Yes - 1280 x 720
Resolution	0.92 Megapixel
Image Sensor Type	CMOS
Video Resolutions	1280 x 720
Frame Rate	30 frames per second
Camera Features	RGB camera, 74.9 degrees
Sound	Stereo speakers, dual array microphone
Compliant Standards	High Definition Audio

Battery

Technology	3-cell lithium polymer
Weight	180 g
Capacity	41 Wh

General

Product Type	Notebook
Operating System	Windows 11 Pro

Dimensions & Weight

Dimensions (WxDxH)	35.73 cm x 25.06 cm x 1.823 cm
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Weight 1.88 kg

AC Adapter

Input	AC 100-240 V (50/60 Hz)
Output	65 Watt, 19.5 V, 3.34 A

Manufacturer Warranty

Bundled Services	1 Year Basic Onsite
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Communications

Wireless	802.11a/b/g/n/ac/ax, Bluetooth
Wireless Controller	Realtek RTL8852BE - M.2 2230
Features	Dual stream (2x2), MU-MIMO

Storage

Main Storage	512 GB SSD M.2 2230 PCIe 4.0 - NVM Express (NVMe)
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Connections & Expansion

Interfaces Details	HDMI USB-C 3.2 Gen 2 (supports DisplayPort 1.4 Alt Mode) (Power Delivery) 2 x USB 3.2 Gen 1 Headphone/microphone combo jack
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Software

Software Included	Dell Additional Softwares, McAfee Business Protection (1-year), Activate your Microsoft 365 for a 30 day trial
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What's in the box

Dell 16 DC16250
Power adapter

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