Dell Pro 16 PC16250(JY4FK)

Dell Pro 16 PC16250 - Intel Core 5 - 120U / up to 5 GHz - Win 11 Pro - Intel Graphics - 8 GB RAM - 512 GB SSD NVMe - 16" IPS 1920 x 1200 (Full HD Plus) - Gigabit Ethernet - Wi-Fi 6E - magnetite - BTS - with 1 Year Basic Onsite

The Dell Pro 16 PC16250 is designed to meet the demands of modern computing with a polished blend of performance and clarity. It features a 16-inch Full HD Plus display with a native resolution of 1920 x 1200, offering vibrant visuals and wide viewing angles for an immersive experience. The anti-glare technology ensures comfortable viewing over extended periods, while IPS technology adds rich colors and sharp imagery. With a powerful Intel Core 5 processor, this notebook delivers reliable performance tailored for multitasking and professional applications. Equipped with advanced features like a dual array microphone and high definition audio, the Dell Pro 16 ensures crisp sound quality for calls and media. The integrated RGB camera provides high-resolution video at 1920 x 1080 and incorporates a shutter for privacy. Connectivity options abound, with multiple USB ports, HDMI, and Thunderbolt 4 ensuring seamless connectivity to peripherals and displays. With the added benefit of ExpressCharge, quick battery replenishment is possible, making this notebook a dependable companion for both work and leisure.

Key Selling Points

16-inch Full HD Plus display with vibrant visuals
Powerful Intel Core 5 processor for efficient performance
Advanced audio features with high definition sound quality
Integrated RGB camera with privacy shutter
Multiple connectivity options including USB-C and Thunderbolt 4

Product Features

Exceptional display quality
The 16-inch Full HD Plus display features a native resolution of 1920 x 1200, providing clarity and sharp imaging for diverse applications. With anti-glare technology and IPS support, it delivers wide viewing angles for collaborative work.

Robust processing power
Powered by an Intel Core 5 processor with 10 cores and a maximum turbo speed of 5 GHz, this notebook efficiently handles multitasking and demanding applications, ensuring reliable performance throughout.

Superior audio experience
Enjoy high definition audio through the dual array microphone and stereo speakers, complemented by Wave MAXXAudio Pro technology for enhanced sound quality during calls and media playback.

Versatile connectivity options
The device offers multiple connectivity options, including HDMI, USB-C, and Thunderbolt 4, facilitating seamless integration with various peripherals and external displays.

Advanced security features
Equipped with a discrete Trusted Platform Module (TPM 2.0) security chip, this notebook ensures that data protection and security measures keep pace with current standards.

Main Specifications

Product Description	Dell Pro 16 PC16250 - 16" - Intel Core 5 - 120U - 8 GB RAM - 512 GB SSD
Product Type	Notebook
Operating System	Win 11 Pro
Processor	Intel Core 5 (Series 1) - 120U / 1.4 GHz, up to 5 GHz / 12 MB Cache
Memory	8 GB DDR5 (1 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	Bluetooth, 802.11a/b/g/n/ac/ax (Wi-Fi 6E), Gigabit Ethernet
Battery	3-cell
Security	Discrete Trusted Platform Module (TPM 2.0) Security Chip
Colour	Magnetite
Dimensions (WxDxH)	35.8 cm x 25.182 cm x 2.085 cm
Weight	1.92 kg
Pricing Type	Build To Stock (BTS)
Manufacturer Selling Program	Dell Smart Selection
Environmental Standards	EPEAT Gold
Carbon Footprint	118 kg carbon emissions
Specific Absorption Rate (SAR)	1.45 W/kg (body) ¦ 1.45 W/kg (limb)
Bundled Services	1 Year Basic Onsite

Extended Specification

General

Product Type	Notebook
Operating System	Windows 11 Pro

Memory

RAM	8 GB (1 x 8 GB)
Max RAM Supported	64 GB
Technology	DDR5 SDRAM
Speed	5200 MT/s
Rated Speed	5200 MT/s
Form Factor	SO-DIMM 262-pin
Slots Qty	2
Empty Slots	1

Manufacturer Warranty

Bundled Services	1 Year Basic Onsite

Storage

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

Miscellaneous

Colour	Magnetite
Surface Finish	Texture
Security	Discrete Trusted Platform Module (TPM 2.0) Security Chip
Features	ExpressCharge, ExpressChargeBoost
Theft/Intrusion Protection	Security lock slot (cable lock sold separately)
Security Slot Type	Wedge-shaped security slot
Included Accessories	USB-C power adapter, POD Label
Compliant Standards	FIPS 140-2, TCG Certified
Specific Absorption Rate (SAR)	1.45 W/kg (body) ¦ 1.45 W/kg (limb)
Pricing Type	Build To Stock (BTS)
Manufacturer Selling Program	Dell Smart Selection

Environmental Parameters

Min Operating Temperature	0 °C
Max Operating Temperature	40 °C
Humidity Range Operating	90% (non-condensing)
Shock Tolerance (operating)	140 g @ 2 ms half-sine pulse
Vibration Tolerance (operating)	0.66 g @ RMS (random)

Software

Software Included	Dell Additional Softwares, Activate your Microsoft 365 for a 30 day trial, Intel Rapid Storage Technology

Display

Type	16" - IPS
Resolution	1920 x 1200 (Full HD Plus)
V-Sync Rate at Max Res.	60 Hz
Widescreen	Yes
Pixel Density (ppi)	141
Image Aspect Ratio	16:10
Image Brightness	300 cd/m²
Horizontal Viewing Angle	+85 / -85
Vertical Viewing Angle	+85 / -85
Colour Gamut	45% NTSC
Features	Anti-glare, 35 ms response rate, 0.1795 mm pixel pitch

Battery

Technology	3-cell
Weight	200 g
Capacity	45 Wh

Communications

Wireless	Bluetooth, 802.11a/b/g/n/ac/ax (Wi-Fi 6E)
Wireless Controller	Intel Wi-Fi 6E AX 211 - M.2 2230
Network Interface	Gigabit Ethernet
Ethernet Controller	Realtek RTL8111H-CG
Features	Dual stream (2x2)

Dimensions & Weight

Dimensions (WxDxH)	35.8 cm x 25.182 cm x 2.085 cm
Weight	1.92 kg

Processor / Chipset

CPU	Intel Core 5 (Series 1) 120U / 1.4 GHz
Max Turbo Speed	5 GHz
Number of Cores	10-core
Performance Cores	2
Efficient Cores	8
Cache	12 MB
Features	12 Threads

Audio & Video

Graphics Processor	Intel Graphics

Camera	Yes - 1920 x 1080 (standard), 640 x 360 (infrared)
Resolution	2.07 Megapixel (standard), 0.23 Megapixel (infrared)
Image Sensor Type	CMOS
Video Resolutions	1920 x 1080
Frame Rate	30 frames per second
Camera Features	Face recognition, IR camera, RGB camera, 86.6 degrees (IR camera), 80.2 degrees, camera shutter, Temporal Noise Reduction
Sound	Stereo speakers, dual array microphone
Codec	Realtek ALC3204
Compliant Standards	High Definition Audio, Wave MAXXAudio Pro

Input

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

AC Adapter

Input	AC 100-240 V (50/60 Hz)
Output	65 Watt, 5 / 9 / 15 / 20 V

Connections & Expansion

Interfaces Details	HDMI ¦ USB-C 3.2 Gen 2 (supports DisplayPort Alt Mode) (Power Delivery) ¦ USB4 (supports Thunderbolt 4, DisplayPort Alt Mode) (Power Delivery) ¦ USB 3.2 Gen 1 ¦ USB 3.2 Gen 1 (PowerShare) ¦ LAN (RJ-45) ¦ Headphone/microphone combo jack

Sustainability Information

EPEAT Compliant	EPEAT Gold
Carbon Footprint	118 kg carbon emissions
Manufacturing (kg CO2e)	81
Logistics (kg CO2e)	6
Use (kg CO2e)	28
EOL (kg CO2e)	3
Total Carbon w/o Use Phase (kg CO2e)	90
PAIA Version	GaBi version 1

What's in the box

Dell Pro 16 PC16250
USB-C power adapter, POD Label