

Dell Pro 14 Essential PV14255 - 14" - AMD Ryzen 5 - 220 - 16 GB RAM - 512 GB SSD(0KHF2)

Dell Pro 14 Essential PV14255 R5-220 AMD Ryzen(TM) 5 220 16GB, 1x16GB, DDR5, 5600MT/s 512GB M.2 PCIe NVMe Solid State Drive 14.0-inch FHD+ (1920x1200) Anti-Glare Non-Touch 300nits WVA/IPS Display AMD Radeon Graphics Carbon Black Power Button with Fingerprint Reader Realtek Wi-Fi 6 RTL8852BE, 2x2, 802.11ax, MU-MIMO, Bluetooth wireless card Carbon Black UK/Irish backlit Copilot key keyboard, no numeric keypad 3-Cell Battery, 41WHr (Integrated) 65 Watt AC adapter UK Power Cord Windows 11 Pro McAfee Business Protection 1-year Activate Your Microsoft 365 For A 30 Day Trial System Driver for Windows Black 1Y Basic Onsite



The Dell Pro 14 Essential PV14255 is designed for effective performance and versatility in a compact form. Featuring a powerful AMD Ryzen 5 processor with a clock speed of 3.2 GHz and a maximum turbo speed of 4.9 GHz, this notebook ensures smooth multitasking and efficient handling of demanding applications. With 16 GB of DDR5 memory and a 512 GB PCIe NVMe SSD, users can enjoy fast data access and ample storage for projects and files.

Equipped with a 14-inch Full HD Plus display, the Dell Pro offers vibrant visuals and wide viewing angles, making it ideal for presentations or watching videos. The inclusion of features like anti-glare and a 300 cd/m2 brightness level enhances the viewing experience in various lighting conditions. Furthermore, with built-in Bluetooth and Wi-Fi 6 connectivity, staying connected is easy, whether at home or on the go.

Key Selling Points

- Powerful AMD Ryzen 5 processor for efficient performance
- 14-inch Full HD Plus display with wide viewing angles
- 512 GB PCIe NVMe SSD for fast data access
- 16 GB DDR5 memory for smooth multitasking
- Bluetooth and Wi-Fi 6 connectivity for seamless networking

Product Features

- Stunning display**
The 14-inch Full HD Plus display delivers a resolution of 1920 x 1200, providing sharp and clear visuals, enhanced by anti-glare technology that reduces reflections, making it suitable for various environments.
- Efficient storage**
With a 512 GB PCIe NVMe SSD, this notebook offers ample storage space for files and applications while ensuring quick boot times and rapid data retrieval.
- Superior multitasking capability**
With 16 GB of DDR5 RAM, the notebook provides excellent performance for running multiple applications simultaneously, allowing users to work effectively without lag.
- Advanced connectivity options**
Connectivity is enhanced with Bluetooth support and Wi-Fi 6 technology, ensuring faster and more reliable Internet access along with two USB 3.2 ports for easy device connections.
- Robust security features**
Equipped with a fingerprint reader, the device provides an added layer of security, allowing users to safeguard data and personal information effectively.

Main Specifications

Product Description	Dell Pro 14 Essential PV14255 - 14" - AMD Ryzen 5 - 220 - 16 GB RAM - 512 GB SSD
Product Type	Notebook
Operating System	Win 11 Pro
Processor	AMD Ryzen 5 220 up to 4.9 GHz / 16 MB Cache
Memory	16 GB DDR5 (1 x 16 GB)
Storage	512 GB SSD - NVMe, Class 25
Display	14" 1920 x 1200 / Full HD Plus @ 60 Hz - 162 ppi
Graphics	AMD Radeon 740M

Keyboard Backlight	Yes
Integrated Webcam	Yes
Networking	Bluetooth, 802.11a/b/g/n/ac/ax
Battery	3-cell
Security	Fingerprint reader
Colour	Carbon black
Dimensions (WxDxH)	31.4 cm x 22.615 cm x 1.99 cm
Weight	1.54 kg
Pricing Type	Build To Stock (BTS)
Manufacturer Selling Program	Dell Smart Selection
Environmental Standards	ENERGY STAR Qualified EPEAT Silver, EPEAT Climate+
Carbon Footprint	96.8 kg carbon emissions
Bundled Services	1 Year Basic Onsite

Extended Specification

General

Product Type	Notebook
Operating System	Windows 11 Pro

Memory

RAM	16 GB (1 x 16 GB)
Max RAM Supported	32 GB
Technology	DDR5 SDRAM
Speed	5600 MT/s
Rated Speed	5600 MT/s
Form Factor	SO-DIMM 262-pin
Slots Qty	2
Empty Slots	1

Manufacturer Warranty

Bundled Services	1 Year Basic Onsite
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Storage

Main Storage	512 GB SSD M.2 2230 PCIe 4.0 - NVMe Express (NVMe), Class 25
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Miscellaneous

Colour	Carbon black
Case Material	Plastic
Security	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
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
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Vibration Tolerance (operating)	0.66 g @ RMS (random)
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Software

Software Included	McAfee Business Protection (1-year), Dell Additional Softwares, Activate your Microsoft 365 for a 30 day trial
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Display

Type	14" - IPS
Resolution	1920 x 1200 (Full HD Plus)
V-Sync Rate at Max Res.	60 Hz
Widescreen	Yes
Pixel Density (ppi)	162
Image Brightness	300 cd/m²
Horizontal Viewing Angle	+85 / -85
Vertical Viewing Angle	+85 / -85
Colour Gamut	45% NTSC
Features	Anti-glare, Wide Viewing Angle, 35 ms response rate, 0.157 mm pixel pitch

Battery

Technology	3-cell
Weight	170 g
Capacity	41 Wh

Communications

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

Dimensions & Weight

Dimensions (WxDxH)	31.4 cm x 22.615 cm x 1.99 cm
Weight	1.54 kg

Processor / Chipset

CPU	AMD Ryzen 5 220
Max Turbo Speed	4.9 GHz
Number of Cores	6-core
Cache	L3 - 16 MB
Features	12 Threads

Audio & Video

Graphics Processor	AMD Radeon 740M
Camera	Yes - HD
Resolution	0.92 Megapixel
Image Sensor Type	CMOS
Video Resolutions	1280 x 720
Frame Rate	30 frames per second
Camera Features	75 degrees, RGB camera
Sound	Stereo speakers, microphone
Codec	Realtek ALC3204
Compliant Standards	High Definition Audio

Input

Type	Keyboard, touchpad
Keyboard Backlight	Yes
Features	Copilot key

AC Adapter

Input	AC 100-240 V (50/60 Hz)
Output	65 Watt

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
Memory Card Reader	Yes (SD Card, SDHC Card, SDXC Card)

Sustainability Information

EPEAT Compliant	EPEAT Silver
EPEAT Climate+	Yes
ENERGY STAR Certified	Yes
Carbon Footprint	96.8 kg carbon emissions
Manufacturing (kg CO2e)	73.6648
Logistics (kg CO2e)	2.904
Use (kg CO2e)	18.9728
EOL (kg CO2e)	1.26
PAIA Version	GaBi version 1, 2025

What's in the box

Dell Pro 14 Essential PV14255
Power adapter

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