

Dell Pro 15 Essential PV15255 - 15.6" - AMD Ryzen 5 - 7520U - 8 GB RAM - 512 GB SSD(59V67)

Dell Pro 15 Essential PV15255 AMD MDO R5 PV15255 8 GB: LPDDR5, 5500 MT/s (onboard) 512GB M.2 PCIe NVMe Solid State Drive 15.6", Non-Touch, FHD, 120Hz, WVA, IPS, Anti-Glare, 250 nits, LED-Backlit AMD Radeon Graphics Carbon Black Palmrest with Fingerprint Reader Realtek Wi-Fi 5 RTL8821CE, 1x1, 802.11ac, MU-MIMO, Bluetooth wireless card English UK non-backlit keyboard 3 Cell Battery, 41 Wh, integrated 65W AC rugged adapter, 4.5mm barrel, E4 Power Cord - English Windows 11 Pro McAfee Business Protection 1-year Activate Your Microsoft 365 For A 30 Day Trial Windows System Driver Black 1Y Basic Onsite



The Dell Pro 15 Essential PV15255 combines reliable performance and user-friendly features, suitable for everyday tasks and entertainment. With a 15.6-inch Full HD display, enjoy crisp visuals and vivid colors. The device is powered by an AMD Ryzen 5 processor with quad-core performance, enabling seamless multitasking and efficient operation. Paired with 8 GB of LPDDR5 RAM and a 512 GB SSD, it offers ample storage and rapid data access for various applications.

Equipped with high-definition audio capabilities and integrated stereo speakers, the Dell Pro provides quality sound for music and media consumption. Its built-in 720p HD webcam supports video calls with clear visuals. The touchpad features precision control, while the backlit keyboard ensures usability in low-light conditions. With a lightweight design and enhanced network connectivity options including Bluetooth and Wi-Fi protocols, this notebook offers mobility and convenience.

Key Selling Points

- 15.6-inch Full HD display for vibrant visuals
- AMD Ryzen 5 processor with quad-core capabilities
- 512 GB SSD for fast data access and storage
- High-definition audio with integrated stereo speakers
- Backlit keyboard and precision touchpad for easy navigation

Product Features

Powerful Processing Capabilities

The AMD Ryzen 5 processor operates at a base clock speed of 2.8 GHz with a maximum turbo speed of 4.3 GHz, allowing for efficient task management with eight threads.

Energy-Efficient Display Technology

The 15.6-inch LED backlit display features a native resolution of 1920 x 1080, providing clear images and a comfortable viewing experience with anti-glare protection.

High Storage Capacity

With a 512 GB SSD, the laptop offers significant storage space and speed, leveraging PCIe and NVMe Express technologies for enhanced performance.

Integrated Security Features

The fingerprint reader and Trusted Platform Module (TPM 2.0) security chip ensure secure access to the device, enhancing user data protection.

Robust Connectivity Options

Includes HDMI, USB 2.0, USB 3.2 Gen 1, and USB-C connections, facilitating various peripheral connections and enhancing overall usability.

Main Specifications

Product Description	Dell Pro 15 Essential PV15255 - 15.6" - AMD Ryzen 5 - 7520U - 8 GB RAM - 512 GB SSD
Product Type	Notebook
Operating System	Win 11 Pro
Processor	AMD Ryzen 5 7520U / 2.8 GHz, up to 4.3 GHz / 4 MB Cache
Memory	8 GB LPDDR5 (provided memory is soldered)
Storage	512 GB SSD - NVMe
Display	15.6" 1920 x 1080 / Full HD @ 120 Hz - 141 ppi

Graphics	AMD Radeon 610M
Numeric Keypad	Yes
Integrated Webcam	Yes
Networking	Bluetooth, 802.11a/b/g/n/ac
Battery	3-cell
Features	Accelerometer
Security	Trusted Platform Module (TPM 2.0) Security Chip, fingerprint reader
Colour	Carbon black
Dimensions (WxDxH)	35.85 cm x 23.556 cm x 1.899 cm
Weight	1.9 kg
Pricing Type	Build To Stock (BTS)
Manufacturer Selling Program	Dell Smart Selection
Environmental Standards	ENERGY STAR Qualified EPEAT Silver, EPEAT Climate+
Carbon Footprint	167 kg carbon emissions
Bundled Services	1 Year Basic Onsite

Extended Specification

General

Product Type	Notebook
Operating System	Windows 11 Pro

Memory

RAM	8 GB (provided memory is soldered)
Technology	LPDDR5 SDRAM
Speed	5500 MT/s
Rated Speed	5500 MT/s

Manufacturer Warranty

Bundled Services	1 Year Basic Onsite
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Storage

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

Colour	Carbon black
Case Material	Plastic
Integrated Options	Accelerometer
Security	Trusted Platform Module (TPM 2.0) Security Chip, fingerprint reader
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	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)
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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	15.6" - IPS
Resolution	1920 x 1080 (Full HD)
V-Sync Rate at Max Res.	120 Hz
Widescreen	Yes
Pixel Density (ppi)	141
Image Brightness	250 cd/m²
Horizontal Viewing Angle	+80 / -80
Vertical Viewing Angle	+80 / -80
Features	Anti-glare, Wide Viewing Angle, 35 ms response rate, 0.17925 mm pixel pitch

## Battery

Technology	3-cell
Weight	180 g
Capacity	41 Wh

## Communications

Wireless	Bluetooth, 802.11a/b/g/n/ac
Wireless Controller	Realtek RTL8821CE - M.2 2230
Features	Single stream (1x1), MU-MIMO

## Dimensions & Weight

Dimensions (WxDxH)	35.85 cm x 23.556 cm x 1.899 cm
Weight	1.9 kg

## Processor / Chipset

CPU	AMD Ryzen 5 7520U / 2.8 GHz
Max Turbo Speed	4.3 GHz
Number of Cores	Quad-Core
Cache	L3 - 4 MB
Features	8 Threads

## Audio & Video

Graphics Processor	AMD Radeon 610M
Camera	Yes - HD
Resolution	0.92 Megapixel
Image Sensor Type	CMOS
Video Resolutions	1280 x 720
Frame Rate	30 frames per second
Camera Features	74.9 degrees
Sound	Stereo speakers, microphone
Codec	Realtek ALC3204
Compliant Standards	High Definition Audio

Input

Type	Keyboard, touchpad
Numeric Keypad	Yes
Features	Precision touchpad

AC Adapter

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

Connections & Expansion

Interfaces Details	HDMI   USB 3.2 Gen 1   USB 2.0   USB-C 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	167 kg carbon emissions
Manufacturing (kg CO2e)	141.616
Logistics (kg CO2e)	3.507
Use (kg CO2e)	20.374
EOL (kg CO2e)	1.5
PAIA Version	GaBi version 1, 2025

What's in the box

Dell Pro 15 Essential PV15255  
Power adapter

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