



DELL Pro 15 Essential PV15255 AMD Ryzen™ 5 7520U Laptop 39.6 cm (15.6") Full HD 8 GB LPDDR5-SDRAM 512 GB SSD Wi-Fi 5 (802.11ac) Windows 11 Pro Nordic Black



Brand : DELL

Product family: Pro

Product code: 0Y17G

Product name : PV15255

DELL Pro 15 Essential PV15255. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ 5, Processor model: 7520U, Processor frequency: 2.8 GHz. Display diagonal: 39.6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 8 GB, Internal memory type: LPDDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: AMD Radeon 610M. Operating system installed: Windows 11 Pro. Product colour: Black

Design		Ports & interfaces	
Product type *	Laptop	USB 2.0 ports quantity *	1
Product colour *	Black	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Form factor *	Clamshell	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Display		HDMI ports quantity *	1
Display diagonal *	39.6 cm (15.6")	HDMI version	1.4
Display resolution *	1920 x 1080 pixels	Combo headphone/mic port	✓
Touchscreen *	✗	Power adapter barrel connector	4.5 mm
HD type	Full HD	Keyboard	
Panel type	IPS	Pointing device	Touchpad
Native aspect ratio	16:9	Numeric keypad *	✓
Anti-glare screen	✓	Keyboard backlit	✓
Display brightness	250 cd/m²	Keyboard language	Nordic
Pixel density	141 ppi	Software	
RGB colour space	NTSC	Operating system architecture	64-bit
Colour gamut	45%	Trial software	McAfee Business Protection 1-year, Activate Your Microsoft 365 For A 30 Day Trial
Display response rise/fall	35 ms	Operating system installed *	Windows 11 Pro
Maximum refresh rate	120 Hz	Battery	
Contrast ratio (typical)	600:1	Battery technology	Lithium Polymer (LiPo)
Processor		Number of battery cells	3
Processor manufacturer *	AMD	Battery capacity *	41 Wh
Processor family *	AMD Ryzen™ 5	Battery voltage	11.25 V
Processor model *	7520U	Battery recharge time	3 h
Processor cores	4	Fast charging	✓
Processor boost frequency	4.3 GHz	Battery charge indicator	✓
Processor frequency *	2.8 GHz	Battery weight	180 g
L3 cache	4 MB	Power	
L2 cache	2 MB	AC adapter power	65 W
Memory		AC adapter frequency	50 - 60 Hz
Internal memory *	8 GB	AC adapter input voltage	100 - 240 V
Internal memory type	LPDDR5-SDRAM	AC adapter output current	3.34 A
Memory form factor	On-board	AC adapter output voltage	19.5 V
Maximum internal memory *	8 GB		
Memory data transfer rate	5500 MT/s		
Storage			
Total storage capacity *	512 GB		

Storage		Power	
Storage media *	SSD	DC-in jack	✓
Total SSDs capacity	512 GB	USB Type-C charging port *	✗
Number of SSDs installed	1	Security	
SSD capacity	512 GB	Fingerprint reader	✓
SSD interface	PCI Express	Trusted Platform Module (TPM)	✓
NVMe	✓	Trusted Platform Module (TPM) version	2.0
SSD form factor	M.2	Operational conditions	
M.2 SSD size	2230 (22 x 30 mm)	Operating temperature (T-T)	0 - 35 °C
Optical drive type *	✗	Storage temperature (T-T)	-40 - 65 °C
Graphics		Operating relative humidity (H-H)	10 - 90%
Discrete graphics card model *	Not available	Storage relative humidity (H-H)	0 - 95%
On-board graphics card *	✓	Operating altitude	-15.2 - 3048 m
Discrete graphics card *	✗	Non-operating altitude	-15.2 - 10668 m
On-board graphics card model *	AMD Radeon 610M	Operating shock	110 G
Audio		Non-operating shock	160 G
Audio chip	Realtek ALC3204	Operating vibration	0.66 G
Audio system	High Definition Audio	Non-operating vibration	1.3 G
Number of built-in speakers	2	Weight & dimensions	
Speaker power	2.5 W	Width	358.5 mm
Built-in microphone	✓	Depth	235.6 mm
Number of microphones	1	Height (front)	1.7 cm
Camera		Height (rear)	1.9 cm
Front camera	✓	Weight *	1.9 kg
Front camera resolution (numeric)	0.92 MP	Carbon footprint	
Front camera resolution	1280 x 720 pixels	Total carbon footprint (kg of CO2e)	167
Front camera HD type	HD	Carbon emissions, manufacturing (kg of CO2e)	141.616
Video capturing speed	30 fps	Carbon emissions, logistics (kg of CO2e)	3.507
Network		Carbon emissions, energy usage (kg of CO2e)	20.374
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)	Carbon emissions, end-of-life (kg of CO2e)	1.5
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)	PAIA version	GaBi version 1, 2025
Mobile network connection *	✗	Packaging content	
Wi-Fi band	Dual-band (2.4 GHz / 5 GHz)	AC adapter included *	✓
Antenna type	1x1		
WLAN controller model	Realtek RTL8821CE		
WLAN controller manufacturer	Realtek		
Bluetooth	✓		
MIMO	✓		
MIMO type	Multi User MIMO		



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