



DELL Pro 16 PC16255 AMD Ryzen™ 5 PRO 230 Laptop 40.6 cm (16") Full HD+ 16 GB DDR5-SDRAM 1 TB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Black

Brand : DELL

Product family: Pro

Product code:
BTO510_PC16255_EMEA_NORD

Product name : PC16255

- Windows 11 Pro 64-bit
- AMD Ryzen 5 PRO 230 (22MB Cache, 3.5GHz)
- 40.6 cm (16") Full HD+ 1920 x 1200 IPS
- 16GB DDR5-SDRAM (1 x 16) & 1000GB SSD

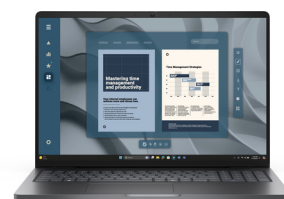
AMD Ryzen 5 PRO 230 (22MB Cache, 3.5GHz), 16GB DDR5-SDRAM, 1000GB SSD, 40.6 cm (16") Full HD+ 1920 x 1200 IPS, AMD Radeon 760M, LAN, WLAN, Webcam, Windows 11 Pro 64-bit

DELL Pro 16 PC16255 AMD Ryzen™ 5 PRO 230 Laptop 40.6 cm (16") Full HD+ 16 GB DDR5-SDRAM 1 TB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Black:

16-inch laptop offering built-in AI capabilities and exceptional battery life with AMD processors in a sleek and durable design.

DELL Pro 16 PC16255. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ 5 PRO, Processor model: 230, Processor frequency: 3.5 GHz. Display diagonal: 40.6 cm (16"), HD type: Full HD+, Display resolution: 1920 x 1200 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: AMD Radeon 760M. Operating system installed: Windows 11 Pro. Product colour: Black

Design		Network	
Colour name	Magnetite	Bluetooth	✓
Product type *	Laptop	Ports & interfaces	
Product colour *	Black	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Form factor *	Clamshell	USB4 Gen 3x2 ports quantity	2
Display		Ethernet LAN (RJ-45) ports	1
Display diagonal *	40.6 cm (16")	HDMI ports quantity *	1
Display resolution *	1920 x 1200 pixels	HDMI version	2.1
Touchscreen *	✗	Combo headphone/mic port	✓
HD type	Full HD+	Power adapter barrel connector	4.5 mm
Panel type	IPS	USB Type-C DisplayPort Alternate Mode	✓
Native aspect ratio	16:10	PowerShare	✓
Anti-glare screen	✓	Number of USB ports with PowerShare support	1
Display brightness	300 cd/m²	Performance	
Pixel density	141 ppi	Hall sensor	✓
RGB colour space	NTSC	Keyboard	
Colour gamut	45%	Pointing device	Touchpad
Maximum refresh rate	60 Hz	Numeric keypad *	✓
Contrast ratio (typical)	1000:1	Keyboard backlit	✓
Processor		Copilot key	✓
Processor manufacturer *	AMD	Software	
Processor family *	AMD Ryzen™ 5 PRO	Operating system architecture	64-bit
Processor model *	230	Trial software	McAfee Business Protection 1-year, Microsoft Office Trial
Processor cores	6	Operating system installed *	Windows 11 Pro
Processor threads	12	Battery	
Processor boost frequency	4.9 GHz	Number of battery cells	3
Processor frequency *	3.5 GHz	Battery recharge time	4 h
Processor cache	22 MB		
Processor cache type	L2 & L3		
Neural processor unit (NPU)			
Neural processor unit (NPU)	AMD Ryzen AI		



Neural processor unit (NPU)		Battery	
Total processor performance up to	31 TOPs	Fast charging	✓
NPU performance up to	16 TOPs	Power	
GPU performance up to	16 TOPs	AC adapter power	65 W
Memory		AC adapter frequency	50 - 60 Hz
Internal memory *	16 GB	AC adapter input voltage	100 - 240 V
Internal memory type	DDR5-SDRAM	DC-in jack	✓
Memory form factor	SO-DIMM	USB Type-C charging port *	✓
Memory layout (slots x size)	1 x 16 GB	USB Type-C required charging power (min) *	45 W
Memory slots	2x SO-DIMM	USB Type-C required charging power (max) *	65 W
Maximum internal memory *	64 GB	USB Power Delivery (USB PD)	✓
Memory data transfer rate	5600 MT/s	USB charging voltage	5,9,15,20 V
Storage		Security	
Total storage capacity *	1 TB	Cable lock slot	✓
Storage media *	SSD	Cable lock slot type	Wedge
Total SSDs capacity	1 TB	Fingerprint reader	✓
Number of SSDs installed	1	Trusted Platform Module (TPM)	✓
SSD capacity	1 TB	Trusted Platform Module (TPM) version	2.0
SSD interface	PCI Express 4.0	Operational conditions	
NVMe	✓	Operating temperature (T-T)	0 - 40 °C
SSD form factor	M.2	Storage temperature (T-T)	-40 - 65 °C
M.2 SSD size	2230 (22 x 30 mm)	Operating relative humidity (H-H)	0 - 90%
Optical drive type *	✗	Storage relative humidity (H-H)	0 - 95%
Graphics		Operating altitude	-15.2 - 3048 m
Discrete graphics card model *	Not available	Non-operating altitude	-15.2 - 10668 m
On-board graphics card *	✓	Operating shock	140 G
Discrete graphics card *	✗	Operating vibration	0.66 G
On-board graphics card model *	AMD Radeon 760M	Weight & dimensions	
Audio		Width	358 mm
Audio chip	Realtek ALC3204	Depth	251.8 mm
Audio system	High Definition Audio	Height (front)	1.89 cm
Number of built-in speakers	2	Height (rear)	2.08 cm
Speaker power	2.5 W	Weight *	1.94 kg
Built-in microphone	✓	Carbon footprint	
Number of microphones	2	Total carbon footprint (kg of CO2e)	132
Camera		Total carbon emissions, standard deviation (kg of CO2e)	
Front camera	✓	Carbon emissions, manufacturing (kg of CO2e)	97.812
Front camera resolution (numeric)	2.07 MP	Carbon emissions, logistics (kg of CO2e)	6.072
Front camera resolution	1920 x 1080 pixels	Carbon emissions, energy usage (kg of CO2e)	25.08
Front camera HD type	Full HD	Carbon emissions, end-of-life (kg of CO2e)	3.04
Video capturing speed	30 fps	Total carbon emissions, w/o use phase (kg of CO2e)	106.92
Infrared (IR) camera	✓	PAIA version	GaBi version 1, 2024
Privacy camera	✓	Packaging content	
Privacy type	Privacy shutter	AC adapter included *	✓
Network			
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)		
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax)		
Mobile network connection *	✗		
Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)		
Wi-Fi data rate (max)	2400 Mbit/s		
Antenna type	2x2		
WLAN controller model	MediaTek MT7922		
WLAN controller manufacturer	MediaTek		
Ethernet LAN	✓		
Ethernet LAN data rates	10,100,1000 Mbit/s		



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