



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

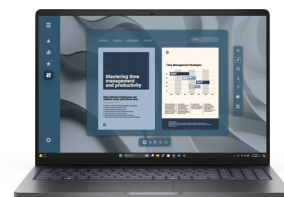
Brand : DELL

Product family: Pro

Product code:
BTO510_PC16255_EMEA

Product name : PC16255

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	Ethernet LAN data rates	10,100,1000 Mbit/s
Product type *	Laptop	Bluetooth	✓
Product colour *	Black	Ports & interfaces	
Form factor *	Clamshell	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Display		USB4 Gen 3x2 ports quantity	2
Display diagonal *	40.6 cm (16")	Ethernet LAN (RJ-45) ports	1
Display resolution *	1920 x 1200 pixels	HDMI ports quantity *	1
Touchscreen *	✗	HDMI version	2.1
HD type	Full HD+	Combo headphone/mic port	✓
Panel type	IPS	Power adapter barrel connector	4.5 mm
Native aspect ratio	16:10	USB Type-C DisplayPort Alternate Mode	✓
Anti-glare screen	✓	PowerShare	✓
Display brightness	300 cd/m²	Number of USB ports with PowerShare support	1
Pixel density	141 ppi	Performance	
RGB colour space	NTSC	Hall sensor	✓
Colour gamut	45%	Keyboard	
Maximum refresh rate	60 Hz	Pointing device	Touchpad
Contrast ratio (typical)	1000:1	Numeric keypad *	✓
Processor		Keyboard backlit	✓
Processor manufacturer *	AMD	Copilot key	✓
Processor family *	AMD Ryzen™ 5 PRO	Software	
Processor model *	230	Operating system architecture	64-bit
Processor cores	6	Trial software	McAfee Business Protection 1-year, Microsoft Office Trial
Processor threads	12	Operating system installed *	Windows 11 Pro
Processor boost frequency	4.9 GHz	Battery	
Processor frequency *	3.5 GHz	Number of battery cells	3
Processor cache	22 MB	Battery capacity *	55 Wh
Processor cache type	L2 & L3	Battery recharge time	4 h
Neural processor unit (NPU)		Fast charging	✓
Neural processor unit (NPU)	AMD Ryzen AI		
Total processor performance up to	31 TOPs		
NPU performance up to	16 TOPs		
GPU performance up to	16 TOPs		
Memory			
Internal memory *	16 GB		

Memory		Power	
Internal memory type	DDR5-SDRAM	AC adapter power	65 W
Memory form factor	SO-DIMM	AC adapter frequency	50 - 60 Hz
Memory layout (slots x size)	1 x 16 GB	AC adapter input voltage	100 - 240 V
Memory slots	2x SO-DIMM	DC-in jack	✓
Maximum internal memory *	64 GB	USB Type-C charging port *	✓
Memory data transfer rate	5600 MT/s	USB Type-C required charging power (min) *	45 W
Storage		USB Type-C required charging power (max) *	65 W
Total storage capacity *	1 TB	USB Power Delivery (USB PD)	✓
Storage media *	SSD	USB charging voltage	5,9,15,20 V
Total SSDs capacity	1 TB	Security	
Number of SSDs installed	1	Cable lock slot	✓
SSD capacity	1 TB	Cable lock slot type	Wedge
SSD interface	PCI Express 4.0	Fingerprint reader	✓
NVMe	✓	Trusted Platform Module (TPM)	✓
SSD form factor	M.2	Trusted Platform Module (TPM) version	2.0
M.2 SSD size	2230 (22 x 30 mm)	Operational conditions	
Optical drive type *	✗	Operating temperature (T-T)	0 - 40 °C
Graphics		Storage temperature (T-T)	-40 - 65 °C
Discrete graphics card model *	Not available	Operating relative humidity (H-H)	0 - 90%
On-board graphics card *	✓	Storage relative humidity (H-H)	0 - 95%
Discrete graphics card *	✗	Operating altitude	-15.2 - 3048 m
On-board graphics card model *	AMD Radeon 760M	Non-operating altitude	-15.2 - 10668 m
Audio		Operating shock	140 G
Audio chip	Realtek ALC3204	Operating vibration	0.66 G
Audio system	High Definition Audio	Weight & dimensions	
Number of built-in speakers	2	Width	358 mm
Speaker power	2.5 W	Depth	251.8 mm
Built-in microphone	✓	Height (front)	1.89 cm
Number of microphones	2	Height (rear)	2.08 cm
Camera		Weight *	1.94 kg
Front camera	✓	Carbon footprint	
Front camera resolution (numeric)	2.07 MP	Total carbon footprint (kg of CO2e)	132
Front camera resolution	1920 x 1080 pixels	Carbon emissions, manufacturing (kg of CO2e)	97.812
Front camera HD type	Full HD	Carbon emissions, logistics (kg of CO2e)	6.072
Video capturing speed	30 fps	Carbon emissions, energy usage (kg of CO2e)	25.08
Infrared (IR) camera	✓	Carbon emissions, end-of-life (kg of CO2e)	3.04
Privacy camera	✓	PAIA version	GaBi version 1, 2024
Privacy type	Privacy shutter	Packaging content	
Network		AC adapter included *	✓
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	✓		



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