



DELL Pro 16 PC16255 AMD Ryzen™ 5 220 Laptop 40.6 cm (16") Full HD+ 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Black

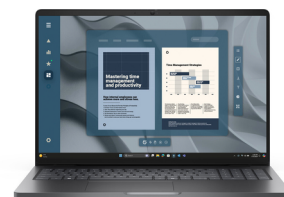
Brand : DELL

Product family: Pro

Product code:
BTO507_PC16255_EMEA

Product name : PC16255

DELL Pro 16 PC16255. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ 5, Processor model: 220, 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: 512 GB, Storage media: SSD. On-board graphics card model: AMD Radeon 740M. 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	Operating system architecture	64-bit
Processor generation	AMD Ryzen 200 Series	Trial software	McAfee Business Protection 1-year, Microsoft Office Trial
Processor model *	220	Operating system installed *	Windows 11 Pro
Processor cores	6	Battery	
Processor threads	12	Number of battery cells	3
Processor boost frequency	4.9 GHz	Battery capacity *	55 Wh
Processor frequency *	3.5 GHz	Battery recharge time	4 h
Processor cache	22 MB	Fast charging	✓
Processor cache type	L2 & L3	Power	
Processor base power	15 W	AC adapter power	65 W
Maximum turbo power	30 W		
Memory			
Internal memory *	16 GB		
Internal memory type	DDR5-SDRAM		
Memory form factor	SO-DIMM		
Memory layout (slots x size)	1 x 16 GB		

Memory		Power	
Memory slots	2x SO-DIMM	AC adapter frequency	50 - 60 Hz
Maximum internal memory *	64 GB	AC adapter input voltage	100 - 240 V
Memory data transfer rate	5600 MT/s	DC-in jack	✓
Storage		USB Type-C charging port *	✓
Total storage capacity *	512 GB	USB Type-C required charging power (min) *	45 W
Storage media *	SSD	USB Type-C required charging power (max) *	65 W
Total SSDs capacity	512 GB	USB Power Delivery (USB PD)	✓
Number of SSDs installed	1	USB charging voltage	5,9,15,20 V
SSD capacity	512 GB	Security	
SSD interface	PCI Express 4.0	Cable lock slot	✓
NVMe	✓	Cable lock slot type	Wedge
SSD form factor	M.2	Fingerprint reader	✓
M.2 SSD size	2230 (22 x 30 mm)	Trusted Platform Module (TPM)	✓
Optical drive type *	✗	Trusted Platform Module (TPM) version	2.0
Graphics		Operational conditions	
Discrete graphics card model *	Not available	Operating temperature (T-T)	0 - 40 °C
On-board graphics card *	✓	Storage temperature (T-T)	-40 - 65 °C
Discrete graphics card *	✗	Operating relative humidity (H-H)	0 - 90%
On-board graphics card model *	AMD Radeon 740M	Storage relative humidity (H-H)	0 - 95%
Audio		Operating altitude	-15.2 - 3048 m
Audio chip	Realtek ALC3204	Non-operating altitude	-15.2 - 10668 m
Audio system	High Definition Audio	Operating shock	140 G
Number of built-in speakers	2	Operating vibration	0.66 G
Speaker power	2.5 W	Weight & dimensions	
Built-in microphone	✓	Width	358 mm
Number of microphones	2	Depth	251.8 mm
Camera		Height (front)	1.89 cm
Front camera	✓	Height (rear)	2.08 cm
Front camera resolution (numeric)	2.07 MP	Weight *	1.94 kg
Front camera resolution	1920 x 1080 pixels	Carbon footprint	
Front camera HD type	Full HD	Total carbon footprint (kg of CO2e)	132
Video capturing speed	30 fps	Carbon emissions, manufacturing (kg of CO2e)	97.812
Infrared (IR) camera	✓	Carbon emissions, logistics (kg of CO2e)	6.072
Privacy camera	✓	Carbon emissions, energy usage (kg of CO2e)	25.08
Privacy type	Privacy shutter	Carbon emissions, end-of-life (kg of CO2e)	3.04
Network		PAIA version	GaBi version 1, 2024
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)	Packaging content	
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax)	AC adapter included *	✓
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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