



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 German Black

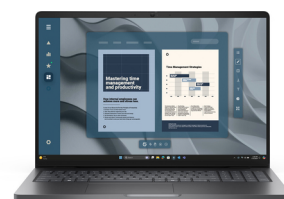
Brand : DELL

Product family: Pro

Product code: DCNC3

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		Ports & interfaces	
Colour name	Magnetite	Ethernet LAN (RJ-45) ports	1
Product type *	Laptop	HDMI ports quantity *	1
Product colour *	Black	HDMI version	2.1
Form factor *	Clamshell	Combo headphone/mic port	✓
Display		Power adapter barrel connector	4.5 mm
Display diagonal *	40.6 cm (16")	USB Type-C DisplayPort Alternate Mode	✓
Display resolution *	1920 x 1200 pixels	PowerShare	✓
Touchscreen *	✗	Number of USB ports with PowerShare support	1
HD type	Full HD+	Performance	
Panel type	IPS	Hall sensor	✓
Native aspect ratio	16:10	Keyboard	
Anti-glare screen	✓	Pointing device	Touchpad
Display brightness	300 cd/m²	Numeric keypad *	✓
Pixel density	141 ppi	Keyboard backlit	✓
RGB colour space	NTSC	Keyboard language	German
Colour gamut	45%	Copilot key	✓
Maximum refresh rate	60 Hz	Software	
Contrast ratio (typical)	1000:1	Operating system architecture	64-bit
Processor		Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Processor manufacturer *	AMD	Operating system installed *	Windows 11 Pro
Processor family *	AMD Ryzen™ 5	Brand-specific features	
Processor generation	AMD Ryzen 200 Series	Brand specific technologies	Express Charge Boost capable, HDR Camera, TNR
Processor model *	220	Battery	
Processor cores	6	Number of battery cells	3
Processor threads	12	Battery capacity *	55 Wh
Processor boost frequency	4.9 GHz	Battery voltage	11.7 V
Processor frequency *	3.5 GHz	Battery recharge time	4 h
L3 cache	16 MB	Fast charging	✓
L2 cache	6 MB	Battery weight	210 g
Memory		Power	
Internal memory *	16 GB	AC adapter frequency	50 - 60 Hz
Internal memory type	DDR5-SDRAM		
Memory form factor	SO-DIMM		
Memory layout (slots x size)	1 x 16 GB		
Memory slots	2x SO-DIMM		
Maximum internal memory *	64 GB		

Memory		Power	
Memory data transfer rate	5600 MT/s	AC adapter input voltage	100 - 240 V
Storage		DC-in jack	✓
Total storage capacity *	512 GB	USB Type-C charging port *	✓
Storage media *	SSD	USB Type-C required charging power (min) *	45 W
Total SSDs capacity	512 GB	USB Type-C required charging power (max) *	65 W
Number of SSDs installed	1	USB Power Delivery (USB PD)	✓
SSD capacity	512 GB	USB charging voltage	5,9,15,20 V
SSD interface	PCI Express 4.0	Security	
NVMe	✓	Cable lock slot	✓
SSD form factor	M.2	Cable lock slot type	Wedge
M.2 SSD size	2230 (22 x 30 mm)	Fingerprint reader	✓
Optical drive type *	✗	Face recognition	✓
Graphics		Trusted Platform Module (TPM)	✓
Discrete graphics card model *	Not available	Trusted Platform Module (TPM) version	2.0
On-board graphics card *	✓	Operational conditions	
Discrete graphics card *	✗	Operating temperature (T-T)	0 - 40 °C
On-board graphics card model *	AMD Radeon 740M	Storage temperature (T-T)	-40 - 65 °C
Audio		Operating relative humidity (H-H)	0 - 90%
Audio chip	Realtek ALC3204	Storage relative humidity (H-H)	0 - 95%
Audio system	High Definition Audio	Operating altitude	-15.2 - 3048 m
Number of built-in speakers	2	Non-operating altitude	-15.2 - 10668 m
Speaker power	2.5 W	Operating shock	140 G
Built-in microphone	✓	Operating vibration	0.66 G
Number of microphones	2	Sustainability	
Camera		Sustainability certificates	EPEAT Gold
Front camera	✓	Weight & dimensions	
Front camera resolution (numeric)	2.07 MP	Width	358 mm
Front camera resolution	1920 x 1080 pixels	Depth	251.8 mm
Front camera HD type	Full HD	Height (front)	1.89 cm
Video capturing speed	30 fps	Height (rear)	2.08 cm
Infrared (IR) camera	✓	Weight *	1.94 kg
Privacy camera	✓	Carbon footprint	
Privacy type	Privacy shutter	Total carbon footprint (kg of CO2e)	132
Network		Carbon emissions, manufacturing (kg of CO2e)	97.812
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)	Carbon emissions, logistics (kg of CO2e)	6.072
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax)	Carbon emissions, energy usage (kg of CO2e)	25.08
Mobile network connection *	✗	Carbon emissions, end-of-life (kg of CO2e)	3.036
Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)	PAIA version	GaBi version 1, 2024
Wi-Fi data rate (max)	2400 Mbit/s	Packaging content	
Antenna type	2x2	AC adapter included *	✗
WLAN controller model	MediaTek MT7922	Other features	
WLAN controller manufacturer	MediaTek	Surface treatment	textured
Ethernet LAN	✓		
Ethernet LAN data rates	10,100,1000 Mbit/s		
Bluetooth	✓		
MIMO	✓		
MIMO type	Multi User MIMO		
Ports & interfaces			
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2		
USB4 Gen 3x2 ports quantity	2		



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