# DELL Pro 16 Plus PB16255 AMD Ryzen™ 5 PRO PRO 230 Laptop 40.6 cm (16") Full HD+ 16 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Platinum, Silver US English



**Brand :** DELL **Product family:** Pro **Product code:** N5T4V

**Product name :** PB16255



- Windows 11 Pro 64-bit
- AMD Ryzen 5 PRO 230 (3.5GHz)
- 16" Full HD+ 1920 x 1200 WVA
- 16GB LPDDR5x-SDRAM & 512GB SSD

AMD Ryzen 5 PRO 230 (3.5GHz), 16GB LPDDR5x-SDRAM, 512GB SSD, 16" Full HD+ 1920 x 1200 WVA, AMD Radeon 760M, WLAN, Webcam, Windows 11 Pro 64-bit

DELL Pro 16 Plus PB16255 AMD Ryzen™ 5 PRO PRO 230 Laptop 40.6 cm (16") Full HD+ 16 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Platinum, Silver US English:









A step up in scalable performance, collaboration, and connectivity experiences for AI PCs all in a sleek, durable Aluminium design. Configurable to meet the unique needs of every professional.
DELL Pro 16 Plus PB16255. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ 5 PRO, Processor model: PRO 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: LPDDR5x-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: AMD Radeon 760M. Operating system installed: Windows 11 Pro. Product colour: Platinum, Silver

| Design | |
|---|---|
| Product type * | Laptop |
| Product colour * | Platinum, Silver |
| Form factor * | Clamshell |
| Housing material | Aluminium |

| Display | |
|---|---|
| Display diagonal * | 40.6 cm (16") |
| Display resolution * | 1920 x 1200 pixels |
| Touchscreen * | ✗ |
| HD type | Full HD+ |
| Panel type | WVA |
| Native aspect ratio | 16:10 |
| Anti-glare screen | ✓ |
| Display brightness | 400 cd/m² |
| Pixel density | 142 ppi |
| RGB colour space | NTSC |
| Colour gamut | 45% |
| Maximum refresh rate | 60 Hz |
| Contrast ratio (typical) | 1000:1 |

| Processor | |
|---|---|
| Processor manufacturer * | AMD |
| Processor family * | AMD Ryzen™ 5 PRO |
| Processor generation | AMD Ryzen PRO 200 Series |
| Processor model * | PRO 230 |
| Processor cores | 6 |
| Processor threads | 12 |
| Processor boost frequency | 4.9 GHz |
| Processor frequency * | 3.5 GHz |
| L3 cache | 16 MB |
| L2 cache | 6 MB |

| Neural processor unit (NPU) | |
|---|---|
| Neural processor unit (NPU) | AMD Ryzen AI |

| Network | |
|---|---|
| Wi-Fi band | Tri-band (2.4 GHz / 5 GHz / 6 GHz) |
| Wi-Fi data rate (max) | 2882 Mbit/s |
| Antenna type | 2x2 |
| WLAN controller model | MediaTek MT7925 |
| WLAN controller manufacturer | MediaTek |
| Bluetooth | ✓ |

| Ports & interfaces | |
|---|---|
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2 |
| USB4 Gen 3x2 ports quantity | 2 |
| Ethernet LAN (RJ-45) ports | 1 |
| HDMI ports quantity * | 1 |
| HDMI version | 2.1 |
| Combo headphone/mic port | ✓ |
| USB Type-C DisplayPort Alternate Mode | ✓ |
| PowerShare | ✓ |
| Number of USB ports with PowerShare support | 1 |

| Keyboard | |
|---|---|
| Pointing device | Touchpad |
| Numeric keypad * | ✓ |
| Keyboard backlit | ✓ |
| Keyboard language | US English |
| Copilot key | ✓ |

| Software | |
|---|---|
| Operating system architecture | 64-bit |
| Trial software | Activate Your Microsoft 365 For A 30 Day Trial |
| Operating system installed * | Windows 11 Pro |

| Neural processor unit (NPU) | |
|---|---|
| Total processor performance up to | 31 TOPs |
| NPU performance up to | 16 TOPs |

| Memory | |
|---|---|
| Internal memory * | 16 GB |
| Internal memory type | LPDDR5x-SDRAM |
| Memory form factor | On-board |
| Maximum internal memory * | 16 GB |
| Memory data transfer rate | 7500 MT/s |

| Storage | |
|---|---|
| Total storage capacity * | 512 GB |
| Storage media * | SSD |
| Total SSDs capacity | 512 GB |
| Number of SSDs installed | 1 |
| SSD capacity | 512 GB |
| SSD interface | PCI Express 4.0 |
| NVMe | ✔ |
| SSD form factor | M.2 |
| Optical drive type * | ✘ |
| Card reader integrated | ✔ |
| Compatible memory cards | MicroSD (TransFlash) |

| Graphics | |
|---|---|
| Discrete graphics card model * | Not available |
| On-board graphics card * | ✔ |
| Discrete graphics card * | ✘ |
| On-board graphics card model * | AMD Radeon 760M |

| Audio | |
|---|---|
| Audio chip | Realtek ALC3329 |
| Number of built-in speakers | 2 |
| Speaker power | 2.5 W |
| Built-in microphone | ✔ |
| Number of microphones | 2 |

| Camera | |
|---|---|
| Front camera | ✔ |
| Front camera resolution (numeric) | 2.07 MP |
| Front camera resolution | 1920 x 1080 pixels |
| Front camera HD type | Full HD |
| Video capturing speed | 30 fps |
| Privacy camera | ✔ |
| Privacy type | Privacy shutter |

| Network | |
|---|---|
| Top Wi-Fi standard * | Wi-Fi 7 (802.11be) |
| Wi-Fi standards | 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax), Wi-Fi 7 (802.11be) |
| Mobile network connection * | ✘ |

| Brand-specific features | |
|---|---|
| Brand specific technologies | Express Charge Boost capable, HDR Camera, TNR |

| Battery | |
|---|---|
| Number of battery cells | 3 |
| Battery capacity * | 45 Wh |
| Battery voltage | 11.25 V |
| Battery recharge time | 4 h |
| Fast charging | ✔ |
| Battery weight | 200 g |

| Power | |
|---|---|
| AC adapter power | 65 W |
| AC adapter frequency | 50 - 60 Hz |
| AC adapter input voltage | 100 - 240 V |
| USB Type-C charging port * | ✔ |
| USB Type-C required charging power (min) * | 45 W |
| USB Type-C required charging power (max) * | 65 W |
| USB Power Delivery (USB PD) | ✔ |
| USB charging voltage | 5,9,15,20 V |

| Security | |
|---|---|
| Cable lock slot | ✔ |
| Cable lock slot type | Wedge |
| Trusted Platform Module (TPM) | ✔ |
| Trusted Platform Module (TPM) version | 2.0 |

| Operational conditions | |
|---|---|
| Operating temperature (T-T) | 0 - 35 °C |
| Storage temperature (T-T) | -40 - 65 °C |
| Operating relative humidity (H-H) | 10 - 90% |
| Storage relative humidity (H-H) | 0 - 95% |
| Operating altitude | -15.2 - 3048 m |
| Non-operating altitude | -15.2 - 10668 m |
| Operating shock | 110 G |
| Non-operating shock | 160 G |
| Operating vibration | 0.66 G |
| Non-operating vibration | 1.3 G |

| Weight & dimensions | |
|---|---|
| Width | 358 mm |
| Depth | 251.4 mm |
| Height | 21.4 mm |
| Weight * | 1.86 kg |

| Packaging content | |
|---|---|
| AC adapter included * | ✔ |

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