



## DELL Pro 16 PC16255 AMD Ryzen™ 5 PRO PRO 230 Laptop 40.6 cm (16") Full HD+ 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Black UK English

Brand : DELL

Product family: Pro

Product code: FVGRR

Product name : PC16255

- Windows 11 Pro 64-bit
- AMD Ryzen 5 PRO 230 (3.5GHz)
- 16" Full HD+ 1920 x 1200 IPS

- 16GB DDR5-SDRAM (1 x 16) & 512GB SSD

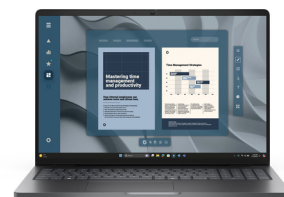
AMD Ryzen 5 PRO 230 (3.5GHz), 16GB DDR5-SDRAM, 512GB SSD, 16" Full HD+ 1920 x 1200 IPS, AMD Radeon 760M, LAN, WLAN, Webcam, Windows 11 Pro 64-bit

DELL Pro 16 PC16255 AMD Ryzen™ 5 PRO PRO 230 Laptop 40.6 cm (16") Full HD+ 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Black UK English:

A leap forward in professional-grade laptops from the number one vendor in commercial AI PCs worldwide. Featuring some of the thinnest, lightest, and quietest PCs in their class.

DELL Pro 16 PC16255. 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: DDR5-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: Black

| Design                      |                          | Ports & interfaces                                |                                                |
|-----------------------------|--------------------------|---------------------------------------------------|------------------------------------------------|
| Colour name                 | Magnetite                | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2                                              |
| Product type *              | Laptop                   | USB4 Gen 3x2 ports quantity                       | 2                                              |
| Product colour *            | Black                    | Ethernet LAN (RJ-45) ports                        | 1                                              |
| Form factor *               | Clamshell                | HDMI ports quantity *                             | 1                                              |
| Display                     |                          | HDMI version                                      | 2.1                                            |
| Display diagonal *          | 40.6 cm (16")            | Combo headphone/mic port                          | ✓                                              |
| Display resolution *        | 1920 x 1200 pixels       | Power adapter barrel connector                    | 4.5 mm                                         |
| Touchscreen *               | ✗                        | USB Type-C DisplayPort Alternate Mode             | ✓                                              |
| HD type                     | Full HD+                 | PowerShare                                        | ✓                                              |
| Panel type                  | IPS                      | Number of USB ports with PowerShare support       | 1                                              |
| Native aspect ratio         | 16:10                    | Performance                                       |                                                |
| Anti-glare screen           | ✓                        | Hall sensor                                       | ✓                                              |
| Display brightness          | 300 cd/m²                | Keyboard                                          |                                                |
| Pixel density               | 141 ppi                  | Pointing device                                   | Touchpad                                       |
| RGB colour space            | NTSC                     | Numeric keypad *                                  | ✓                                              |
| Colour gamut                | 45%                      | Keyboard backlit                                  | ✓                                              |
| Maximum refresh rate        | 60 Hz                    | Keyboard language                                 | UK English                                     |
| Contrast ratio (typical)    | 1000:1                   | Copilot key                                       | ✓                                              |
| Processor                   |                          | Software                                          |                                                |
| Processor manufacturer *    | AMD                      | Operating system architecture                     | 64-bit                                         |
| Processor family *          | AMD Ryzen™ 5 PRO         | Trial software                                    | Activate Your Microsoft 365 For A 30 Day Trial |
| Processor generation        | AMD Ryzen PRO 200 Series | Operating system installed *                      | Windows 11 Pro                                 |
| Processor model *           | PRO 230                  | Brand-specific features                           |                                                |
| Processor cores             | 6                        | Brand specific technologies                       | HDR Camera, TNR, Express Charge Boost capable  |
| Processor threads           | 12                       | Battery                                           |                                                |
| Processor boost frequency   | 4.9 GHz                  | Number of battery cells                           | 3                                              |
| Processor frequency *       | 3.5 GHz                  |                                                   |                                                |
| L3 cache                    | 16 MB                    |                                                   |                                                |
| L2 cache                    | 6 MB                     |                                                   |                                                |
| Neural processor unit (NPU) |                          |                                                   |                                                |
| Neural processor unit (NPU) | AMD Ryzen AI             |                                                   |                                                |



| Neural processor unit (NPU)       |                                                                                       | Battery                                      |                      |
|-----------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------|----------------------|
| Total processor performance up to | 31 TOPs                                                                               | Battery capacity *                           | 55 Wh                |
| NPU performance up to             | 16 TOPs                                                                               | Battery voltage                              | 11.7 V               |
| Memory                            |                                                                                       | Battery recharge time                        | 4 h                  |
| Internal memory *                 | 16 GB                                                                                 | Fast charging                                | ✓                    |
| Internal memory type              | DDR5-SDRAM                                                                            | Battery weight                               | 210 g                |
| Memory form factor                | SO-DIMM                                                                               | Power                                        |                      |
| Memory layout (slots x size)      | 1 x 16 GB                                                                             | AC adapter frequency                         | 50 - 60 Hz           |
| Memory slots                      | 2x SO-DIMM                                                                            | AC adapter input voltage                     | 100 - 240 V          |
| Maximum internal memory *         | 64 GB                                                                                 | DC-in jack                                   | ✓                    |
| Memory data transfer rate         | 5600 MT/s                                                                             | USB Type-C charging port *                   | ✓                    |
| Storage                           |                                                                                       | USB Type-C required charging power (min) *   | 45 W                 |
| Total storage capacity *          | 512 GB                                                                                | USB Type-C required charging power (max) *   | 65 W                 |
| Storage media *                   | SSD                                                                                   | USB Power Delivery (USB PD)                  | ✓                    |
| Total SSDs capacity               | 512 GB                                                                                | USB charging voltage                         | 5,9,15,20 V          |
| Number of SSDs installed          | 1                                                                                     | Security                                     |                      |
| SSD capacity                      | 512 GB                                                                                | Cable lock slot                              | ✓                    |
| SSD interface                     | PCI Express 4.0                                                                       | Cable lock slot type                         | Wedge                |
| NVMe                              | ✓                                                                                     | Fingerprint reader                           | ✓                    |
| SSD form factor                   | M.2                                                                                   | Face recognition                             | ✓                    |
| 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 760M                                                                       | 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) | 97.81                |
| Infrared (IR) camera              | ✓                                                                                     | Carbon emissions, logistics (kg of CO2e)     | 6.07                 |
| 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 *       | ✗                                                                                     | Other features                               |                      |
| Wi-Fi band                        | Tri-band (2.4 GHz / 5 GHz / 6 GHz)                                                    | Surface treatment                            | textured             |
| 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                                                                    |                                              |                      |
| Bluetooth                         | ✓                                                                                     |                                              |                      |



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### Catalog Object Cloud



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