

Asus Expertbook P15(P1503CV-I582X)

ASUS ExpertBook P1 P1503CV-i582X - Intel Core i5 - 13420H / up to 4.6 GHz - Win 11 Pro - UHD Graphics - 8 GB RAM - 256 GB SSD NVMe - 15.6" TN 1920 x 1080 (Full HD) - Gigabit Ethernet - Wi-Fi 6, Bluetooth - misty grey - with 1 year ASUS ZenCare



The ASUS ExpertBook P1 is designed to empower productivity in a sleek and modern package. Featuring a 15.6-inch Full HD display, it delivers stunning visuals with a resolution of 1920 x 1080, enhancing everyday tasks and entertainment. The anti-glare technology and impressive screen-to-body ratio increase usability, making it suitable for long working hours or multimedia experiences.

Powered by an Intel Core i5 processor with 8 cores, the laptop ensures efficient multitasking and performance. With 8 GB of DDR5 RAM and a fast 256 GB SSD, users can experience swift load times and ample storage space. The addition of AI noise-canceling for audio input and Dirac audio output elevates the sound experience, ensuring clear communication during calls and meetings. Enhanced security features and MIL-STD-810H testing ensure that this device is robust enough for professional environments.

Key Selling Points

- 15.6-inch Full HD display with anti-glare technology
- Powered by Intel Core i5 processor for efficient multitasking
- 256 GB SSD for fast loading times
- AI noise-canceling and Dirac audio for improved sound quality
- Robust design tested to meet MIL-STD-810H standards

Product Features

- Immersive display experience**  
The 15.6-inch Full HD display features a native resolution of 1920 x 1080, providing sharp visuals and wide viewing angles for an engaging experience.
- Efficient processing power**  
Equipped with an Intel Core i5 processor, this laptop delivers speed and performance, allowing users to handle demanding tasks with ease.
- Advanced audio technology**  
AI noise-canceling technology ensures clear audio input while Dirac audio enhances output, making it suitable for video conferencing and multimedia consumption.
- Robust security features**  
With a fingerprint reader and Trusted Platform Module (TPM 2.0) security chip, this laptop offers enhanced security to protect sensitive information.
- Designed for durability**  
The ASUS ExpertBook P1 is MIL-STD-810H tested, ensuring that it can withstand the rigors of daily use while maintaining high performance.

Main Specifications

|                     |   |
|---------------------|---|
| Product Description | ASUS ExpertBook P1 P1503CV-i582X - 15.6" - Intel Core i5 - 13420H - 8 GB RAM - 256 GB SSD |
| Product Type        | Notebook  |
| Operating System    | Win 11 Pro  |
| Processor           | Intel Core i5 (13th Gen) - 13420H / 2.1 GHz, up to 4.6 GHz / 12 MB Cache                  |
| Memory              | 8 GB DDR5 (1 x 8 GB)  |
| Storage             | 256 GB SSD - NVMe   |
| Display             | 15.6" 1920 x 1080 / Full HD @ 60 Hz   |
| Graphics            | Intel UHD Graphics  |
| Numeric Keypad      | Yes   |
| Integrated Webcam   | Yes   |
| Networking          | 802.11a/b/g/n/ac/ax, Bluetooth 5.4, Gigabit Ethernet                                      |

|                         |   |
|-------------------------|---|
| Battery                 | 3-cell  |
| Security                | Trusted Platform Module (TPM 2.0) Security Chip, fingerprint reader |
| Colour                  | Misty grey  |
| Dimensions (WxDxH)      | 35.95 cm x 23.22 cm x 1.99 cm                                       |
| Weight                  | 1.65 kg   |
| Environmental Standards | TCO Certified, generation 10, for notebooks, ENERGY STAR Qualified  |
| Repairability Index     | 9.3 (out of 10)   |
| Manufacturer Warranty   | Limited warranty - 1 year - pick-up and return                      |
| Bundled Services        | 1 year ASUS ZenCare   |

Extended Specification

General

|                  |                |
|------------------|----------------|
| Product Type     | Notebook       |
| Operating System | Windows 11 Pro |

Memory

|                   |                 |
|-------------------|-----------------|
| RAM               | 8 GB (1 x 8 GB) |
| Max RAM Supported | 64 GB           |
| Technology        | DDR5 SDRAM      |
| Form Factor       | SO-DIMM 262-pin |
| Slots Qty         | 2               |
| Empty Slots       | 1               |

Manufacturer Warranty

|                   |  |
|-------------------|--|
| Service & Support | Limited warranty - 1 year - pick-up and return |
| Bundled Services  | 1 year ASUS ZenCare                            |

Storage

|              |  |
|--------------|--|
| Main Storage | 256 GB SSD M.2 2280 PCIe 4.0 - NVMe Express (NVMe) |
|--------------|--|

Miscellaneous

|                            |  |
|----------------------------|--|
| Colour                     | Misty grey   |
| Case Material              | Plastic  |
| Security                   | Trusted Platform Module (TPM 2.0) Security Chip, fingerprint reader  |
| Features                   | MIL-STD-810H tested, BIOS protection, Absolute Persistence 2.0 (Computrace) technology, ASUS ExpertCool design |
| Theft/Intrusion Protection | Security lock slot (cable lock sold separately)  |
| Security Slot Type         | Kensington nano security slot  |
| Included Accessories       | USB-C power adapter  |
| Compliant Standards        | RoHS, REACH, FSC, Energy Star 8.0  |

Software

|                   |  |
|-------------------|--|
| Software Included | MyASUS, Microsoft 365 (1 month trial), McAfee Premium (1 year) |
|-------------------|--|

Display

|                         |                       |
|-------------------------|-----------------------|
| Type                    | 15.6" - TN            |
| Resolution              | 1920 x 1080 (Full HD) |
| V-Sync Rate at Max Res. | 60 Hz                 |
| Widescreen              | Yes                   |
| Image Aspect Ratio      | 16:9                  |

|                          |  |
|--------------------------|--|
| Image Brightness         | 250 cd/m²  |
| Horizontal Viewing Angle | 90   |
| Vertical Viewing Angle   | 60   |
| Colour Gamut             | 45% NTSC   |
| Features                 | Anti-glare, 87% screen-to-body ratio, 12 ms response rate (typical), 16 ms response rate (max) |

Battery

|            |                    |
|------------|--------------------|
| Technology | 3-cell Lithium Ion |
| Capacity   | 50 Wh              |

Communications

|                   |                                    |
|-------------------|------------------------------------|
| Wireless          | 802.11a/b/g/n/ac/ax, Bluetooth 5.4 |
| Network Interface | Gigabit Ethernet                   |
| Features          | Dual stream (2x2)                  |

Dimensions & Weight

|                    |                               |
|--------------------|-------------------------------|
| Dimensions (WxDxH) | 35.95 cm x 23.22 cm x 1.99 cm |
| Weight             | 1.65 kg                       |

Processor / Chipset

|                 |   |
|-----------------|---|
| CPU             | Intel Core i5 (13th Gen) 13420H / 2.1 GHz |
| Max Turbo Speed | 4.6 GHz                                   |
| Number of Cores | 8-core                                    |
| Cache           | 12 MB                                     |
| Features        | Intel Smart Cache                         |

Audio & Video

|                    |  |
|--------------------|--|
| Graphics Processor | Intel UHD Graphics                                 |
| Camera             | Yes - 720p   |
| Camera Features    | Privacy shutter                                    |
| Sound              | Speaker, array microphone                          |
| Audio Features     | Output: Audio by Dirac; Input: AI noise cancelling |

Input

|                |  |
|----------------|--|
| Type           | Keyboard, touchpad   |
| Numeric Keypad | Yes  |
| Features       | Spill-resistant, chiclet keyboard, 1.35mm travel distance, Copilot key |

AC Adapter

|        |                         |
|--------|-------------------------|
| Input  | AC 100-240 V (50/60 Hz) |
| Output | 65 Watt, 20 V, 3.25 A   |

Connections & Expansion

|                    |   |
|--------------------|---|
| Slots              | 1 x M.2 (PCI Express 4.0 x4) (1 free)   |
| Interfaces Details | 2 x USB 3.2 Gen 1   2 x USB-C 3.2 Gen 2 (supports DisplayPort Alt Mode) (Power Delivery)   HDMI   Headphone/microphone combo jack   LAN |

Sustainability Information

|                       |   |
|-----------------------|---|
| Repairability Index   | 9.3 (out of 10)                               |
| TCO Certified         | - TCO Certified, generation 10, for notebooks |
| ENERGY STAR Certified | Yes   |

## What's in the box

ASUS ExpertBook P1 P1503CV-i582X  
USB-C power adapter

Product data is provided by CNET, we do not warrant the accuracy and completeness of the material contained in this data sheet