

Asus Expertbook P5(P5405CSA-U731X)

ASUS ExpertBook P5 P5405CSA-U731X - Intel Core Ultra 7 - 258V / up to 4.8 GHz - Win 11 Pro - Intel Arc Graphics 140V - 32 GB RAM - 1 TB SSD NVMe - 14" 2560 x 1600 (WQXGA) - Wi-Fi 6E, Bluetooth - misty grey



The ASUS ExpertBook P5 is designed for professionals seeking performance and reliability. Featuring a 14-inch 2560 x 1600 display with a 90% screen-to-body ratio, it provides visuals with 100% sRGB color gamut and exceptional brightness. The anti-glare technology ensures comfort during prolonged use, while the spill-resistant keyboard and touchpad enhance durability.

Equipped with a powerful Intel Core Ultra 7 processor and 32 GB LPDDR5X RAM, this notebook handles multitasking with ease. Its 1 TB PCIe 4.0 SSD offers ample storage and fast data access. The audio features, including AI noise cancelling and Dolby Atmos support, are suitable for video conferencing and media consumption. Security features such as the fingerprint reader and privacy shutter keep sensitive information safe, making the ASUS ExpertBook P5 an ideal choice for professionals on the go.

Key Selling Points

- 14-inch 2560 x 1600 display with 90% screen-to-body ratio
- Powered by Intel Core Ultra 7 processor
- 32 GB LPDDR5X RAM for smooth multitasking
- 1 TB SSD with fast PCIe 4.0 interface
- Robust security features including fingerprint reader and privacy shutter

Product Features

- Vibrant display quality**  
The 14-inch WQXGA display offers an impressive resolution of 2560 x 1600, providing clear and vibrant visuals. With a brightness of 400 cd/m2 and 100% sRGB color gamut, it enhances color accuracy for design and media work.
- Advanced audio experience**  
Equipped with Dolby Atmos technology and AI noise cancelling, the audio system ensures immersive sound quality and crystal-clear communication during calls or online meetings.
- Durable design**  
Built with a lightweight aluminum chassis and MIL-STD-810H certification, this laptop is designed to withstand harsh conditions, making it suitable for frequent travelers and professionals.
- Enhanced security features**  
Includes a fingerprint reader and an IR camera for secure login options via Windows Hello, providing added safety for sensitive information.
- Rapid performance**  
The combination of an Intel Core Ultra 7 processor and 32 GB of LPDDR5X RAM ensures performance for demanding applications, while the 1 TB SSD offers quick access to files and applications.

Main Specifications

|                             |                                                                                            |
|-----------------------------|--------------------------------------------------------------------------------------------|
| Product Description         | ASUS ExpertBook P5 P5405CSA-U731X - 14" - Intel Core Ultra 7 - 258V - 32 GB RAM - 1 TB SSD |
| Product Type                | Notebook                                                                                   |
| Operating System            | Win 11 Pro                                                                                 |
| Processor                   | Intel Core Ultra 7 (Series 2) - 258V / 2.2 GHz, up to 4.8 GHz / 12 MB Cache                |
| Neural Processor Unit (NPU) | Intel AI Boost                                                                             |
| Memory                      | 32 GB LPDDR5X (provided memory is soldered)                                                |
| Storage                     | 1 TB SSD - NVMe                                                                            |
| Display                     | 14" 2560 x 1600 / WQXGA                                                                    |
| Graphics                    | Intel Arc Graphics 140V                                                                    |
| Keyboard Backlight          | Yes                                                                                        |

|                         |                                                                        |
|-------------------------|------------------------------------------------------------------------|
| Integrated Webcam       | Yes                                                                    |
| Networking              | 802.11a/b/g/n/ac/ax (Wi-Fi 6E), Bluetooth 5.3                          |
| Battery                 | 3-cell                                                                 |
| Security                | Trusted Platform Module (TPM) Security Chip, fingerprint reader        |
| Colour                  | Misty grey                                                             |
| Dimensions (WxDxH)      | 31.2 cm x 22.32 cm x 1.64 cm                                           |
| Weight                  | 1.27 kg                                                                |
| Environmental Standards | TCO Certified Notebooks 9, TCO Certified, generation 10, for notebooks |
| Manufacturer Warranty   | Limited warranty - 1 year - pick-up and return                         |

## Extended Specification

### General

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

### Memory

|            |                                     |
|------------|-------------------------------------|
| RAM        | 32 GB (provided memory is soldered) |
| Technology | LPDDR5X SDRAM                       |

### Manufacturer Warranty

|                   |                                                |
|-------------------|------------------------------------------------|
| Service & Support | Limited warranty - 1 year - pick-up and return |
|-------------------|------------------------------------------------|

### Storage

|              |                                                |
|--------------|------------------------------------------------|
| Main Storage | 1 TB SSD M.2 PCIe 4.0 x4 - NVMe Express (NVMe) |
|--------------|------------------------------------------------|

### Miscellaneous

|                            |                                                                 |
|----------------------------|-----------------------------------------------------------------|
| Colour                     | Misty grey                                                      |
| Case Material              | Aluminum                                                        |
| Security                   | Trusted Platform Module (TPM) Security Chip, fingerprint reader |
| Features                   | MIL-STD-810H tested, 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                                             |

### Display

|                    |                                                |
|--------------------|------------------------------------------------|
| Type               | 14"                                            |
| Resolution         | 2560 x 1600 (WQXGA)                            |
| Widescreen         | Yes                                            |
| Image Aspect Ratio | 16:10                                          |
| Image Brightness   | 400 cd/m²                                      |
| Colour Gamut       | 100% sRGB                                      |
| Features           | Anti-glare, WideView, 90% screen-to-body ratio |

### Battery

|            |                    |
|------------|--------------------|
| Technology | 3-cell Lithium Ion |
| Capacity   | 63 Wh              |

### Communications

|          |                                               |
|----------|-----------------------------------------------|
| Wireless | 802.11a/b/g/n/ac/ax (Wi-Fi 6E), Bluetooth 5.3 |
|----------|-----------------------------------------------|

|          |                   |
|----------|-------------------|
| Features | Dual stream (2x2) |
|----------|-------------------|

Dimensions & Weight

|                    |                              |
|--------------------|------------------------------|
| Dimensions (WxDxH) | 31.2 cm x 22.32 cm x 1.64 cm |
| Weight             | 1.27 kg                      |

Processor / Chipset

|                 |                                              |
|-----------------|----------------------------------------------|
| CPU             | Intel Core Ultra 7 (Series 2) 258V / 2.2 GHz |
| Max Turbo Speed | 4.8 GHz                                      |
| Number of Cores | 8-core                                       |
| Cache           | 12 MB                                        |
| Features        | Intel Smart Cache                            |

Audio & Video

|                     |                                                                    |
|---------------------|--------------------------------------------------------------------|
| Graphics Processor  | Intel Arc Graphics 140V                                            |
| Camera              | Yes - 1080p                                                        |
| Camera Features     | Privacy shutter, IR camera, Windows Hello                          |
| Sound               | Speaker, array microphone                                          |
| Compliant Standards | Dolby Atmos                                                        |
| Audio Features      | Output: Smart Amplification technology; Input: AI noise cancelling |

Input

|                    |                                                          |
|--------------------|----------------------------------------------------------|
| Type               | Keyboard, touchpad                                       |
| Keyboard Backlight | Yes                                                      |
| Features           | Spill-resistant, chiclet keyboard, 1.5mm travel distance |

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 x M.2 (PCI Express 4.0 x4)                                                                           |
| Interfaces Details | 2 x USB 3.2 Gen 2   2 x USB4 (supports Thunderbolt 4, DisplayPort Alt Mode) (Power Delivery)   HDMI   Headphone/microphone combo jack |

Sustainability Information

|               |                                                                          |
|---------------|--------------------------------------------------------------------------|
| TCO Certified | - TCO Certified Notebooks 9, TCO Certified, generation 10, for notebooks |
|---------------|--------------------------------------------------------------------------|

Neural Processor Unit (NPU)

|                             |                |
|-----------------------------|----------------|
| Neural Processor Unit (NPU) | Intel AI Boost |
|-----------------------------|----------------|

What's in the box

ASUS ExpertBook P5 P5405CSA-U731X  
USB-C power adapter