

## ASUS ExpertBook P5 P5405CSA-NZ0101 Intel Core Ultra 5 226V Laptop 35.6 cm (14") WQXGA 16 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) German Grey



**Brand :** ASUS

**Product family:** ExpertBook

**Product code:** 90NX0861-M00AX0

**Product name :** P5405CSA-NZ0101

- No OS  
- Intel Core Ultra 5 226V (8MB Cache)  
- 35.6 cm (14") WQXGA 2560 x 1600 IPS  
- 16GB LPDDR5x-SDRAM & 512GB SSD  
Intel Core Ultra 5 226V (8MB Cache), 16GB LPDDR5x-SDRAM, 512GB SSD, 35.6 cm (14") WQXGA 2560 x 1600 IPS, Intel Arc Graphics 130V, WLAN, Webcam, No OS

ASUS ExpertBook P5 P5405CSA-NZ0101 Intel Core Ultra 5 226V Laptop 35.6 cm (14") WQXGA 16 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) German Grey:

### Work reimaged, with AI

Say hello to ASUS ExpertBook P5 – a revolutionary leap in AI PC for work. Designed to elevate productivity for mobile professionals and home offices, ExpertBook P5 harnesses the power of Intel® Core™ Ultra processors (Series 2). This AI powerhouse empowers you with our brand-new, exclusive meeting assistant ASUS AI ExpertMeet, streamline workflows and enhance collaboration. With a light yet durable aluminum chassis, stunning 2.5K 144 Hz display, and business-grade security and service, the ExpertBook P5 provides peak performance and seamless work experiences, anywhere.

| Design                    |                             | Graphics                                        |                         |
|---------------------------|-----------------------------|-------------------------------------------------|-------------------------|
| Colour name               | Misty Grey                  | On-board graphics card family                   | Intel Arc Graphics      |
| Product type *            | Laptop                      | On-board graphics card model *                  | Intel Arc Graphics 130V |
| Product colour *          | Grey                        | <b>Audio</b>                                    |                         |
| Form factor *             | Clamshell                   | Audio system                                    | Dolby Atmos             |
| Housing material          | Aluminium                   | Built-in microphone                             | ✓                       |
| Market positioning        | Work                        | <b>Camera</b>                                   |                         |
| Introduction year         | 2024                        | Front camera                                    | ✓                       |
| <b>Display</b>            |                             | Front camera resolution                         | 1920 x 1080 pixels      |
| Display diagonal *        | 35.6 cm (14")               | Front camera HD type                            | Full HD                 |
| Display resolution *      | 2560 x 1600 pixels          | Infrared (IR) camera                            | ✓                       |
| Touchscreen *             | ✗                           | Privacy camera                                  | ✓                       |
| HD type                   | WQXGA                       | Privacy type                                    | Privacy shutter         |
| Panel type                | IPS                         | <b>Network</b>                                  |                         |
| LED backlight             | ✓                           | Top Wi-Fi standard *                            | Wi-Fi 6E (802.11ax)     |
| Native aspect ratio       | 16:10                       | Wi-Fi standards                                 | Wi-Fi 6E (802.11ax)     |
| Anti-glare screen         | ✓                           | Mobile network connection *                     | ✗                       |
| Display brightness        | 400 cd/m <sup>2</sup>       | Antenna type                                    | 2x2                     |
| RGB colour space          | sRGB                        | Ethernet LAN                                    | ✗                       |
| Colour gamut              | 100%                        | Bluetooth                                       | ✓                       |
| Maximum refresh rate      | 144 Hz                      | Bluetooth version                               | 5.3                     |
| <b>Processor</b>          |                             | <b>Ports &amp; interfaces</b>                   |                         |
| Processor manufacturer *  | Intel                       | USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity | 2                       |
| Processor family *        | Intel Core Ultra 5          | HDMI ports quantity *                           | 1                       |
| Processor generation      | Intel Core Ultra (Series 2) | HDMI version                                    | 2.1                     |
| Processor model *         | 226V                        | Thunderbolt 4 ports quantity                    | 2                       |
| Processor cores           | 8                           | Intel® Thunderbolt 4                            | ✓                       |
| Processor threads         | 8                           | Combo headphone/mic port                        | ✓                       |
| Processor boost frequency | 4.5 GHz                     |                                                 |                         |
| Performance cores         | 4                           |                                                 |                         |
| Low Power Efficient-cores | 4                           |                                                 |                         |

| Processor                                    |                                                | Ports & interfaces                    |                        |
|----------------------------------------------|------------------------------------------------|---------------------------------------|------------------------|
| Performance-core Max Turbo Frequency         | 4.5 GHz                                        | USB Type-C DisplayPort Alternate Mode | ✓                      |
| Low Power Efficient-core Max Turbo Frequency | 3.5 GHz                                        | Performance                           |                        |
| Performance-core base frequency              | 2.1 GHz                                        | Repairability index                   | 8.6                    |
| Low Power Efficient-core Base Frequency      | 2100 MHz                                       | Keyboard                              |                        |
| Processor cache                              | 8 MB                                           | Pointing device                       | Touchpad               |
| Processor cache type                         | Smart Cache                                    | Numeric keypad *                      | ✗                      |
| Processor base power                         | 17 W                                           | Keyboard backlit                      | ✓                      |
| Maximum turbo power                          | 37 W                                           | Keyboard layout                       | QWERTZ                 |
|                                              |                                                | Keyboard language                     | German                 |
| Neural processor unit (NPU)                  |                                                | Software                              |                        |
| Neural processor unit (NPU)                  | Intel AI Boost                                 | Operating system installed *          | ✗                      |
| Sparsity support                             | ✓                                              | Battery                               |                        |
| Windows Studio effects support               | ✓                                              | Battery technology                    | Lithium Polymer (LiPo) |
| AI software frameworks supported by NPU      | DirectML, OpenVINO, Windows ML, ONNX RT, WebNN | Number of battery cells               | 3                      |
| Total processor performance up to            | 97 TOPs                                        | Battery capacity *                    | 63 Wh                  |
| NPU performance up to                        | 40 TOPs                                        | Power                                 |                        |
| GPU performance up to                        | 53 TOPs                                        | AC adapter power                      | 65 W                   |
| Memory                                       |                                                | AC adapter frequency                  | 50 - 60 Hz             |
| Internal memory *                            | 16 GB                                          | AC adapter input voltage              | 100 - 240 V            |
| Internal memory type                         | LPDDR5x-SDRAM                                  | AC adapter output current             | 3.25 A                 |
| Memory form factor                           | On-board                                       | AC adapter output voltage             | 20 V                   |
| Maximum internal memory *                    | 16 GB                                          | USB Type-C charging port *            | ✓                      |
| Storage                                      |                                                | USB Power Delivery (USB PD)           | ✓                      |
| Total storage capacity *                     | 512 GB                                         | Security                              |                        |
| Storage media *                              | SSD                                            | Cable lock slot                       | ✓                      |
| Total SSDs capacity                          | 512 GB                                         | Cable lock slot type                  | Kensington             |
| Number of SSDs installed                     | 1                                              | Fingerprint reader                    | ✓                      |
| SSD capacity                                 | 512 GB                                         | Windows Hello                         | ✓                      |
| SSD interface                                | PCI Express 4.0                                | Trusted Platform Module (TPM)         | ✓                      |
| NVMe                                         | ✓                                              | Password protection                   | ✓                      |
| SSD form factor                              | M.2                                            | Password protection type              | BIOS, HDD, User        |
| Optical drive type *                         | ✗                                              | Weight & dimensions                   |                        |
| Card reader integrated                       | ✗                                              | Width                                 | 312 mm                 |
| Graphics                                     |                                                | Depth                                 | 223.2 mm               |
| Discrete graphics card model *               | Not available                                  | Height (front)                        | 1.49 cm                |
| On-board graphics card *                     | ✓                                              | Height (rear)                         | 1.64 cm                |
| On-board GPU manufacturer                    | Intel                                          | Weight *                              | 1.29 kg                |
| Discrete graphics card *                     | ✗                                              | Packaging data                        |                        |
|                                              |                                                | Package width                         | 410 mm                 |
|                                              |                                                | Package depth                         | 75 mm                  |
|                                              |                                                | Package height                        | 284 mm                 |
|                                              |                                                | Package weight                        | 1.54 kg                |
|                                              |                                                | Packaging content                     |                        |
|                                              |                                                | AC adapter included *                 | ✓                      |



4711387769997

### Catalog Object Cloud



Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.