ExpertBook B5 OLED | B5602CVA

Portable power for business on the go

ASUS ExpertBook B5 OLED is built for business success in style, with a precision-crafted chassis that pushes the limit of lightness and a stunning 16:10 OLED panel for ultimate flexibility. Cutting-edge features include 13th Gen Intel® Core™ processors with vPro® support, all-day battery life and an enlarged touchpad for safe, on-the-go productivity.

Ultimate portability for working anywhere

- World’s lightest 16” business laptop1 from 1.4kg
- 19.95mm thin with magnesium-aluminum and aluminum chassis
- WiFi 6E with ASUS WiFi Master
- Two-way ASUS AI noise-canceling technology
- Fast-charging, all-day battery life

Incredible performance for exceptional productivity

- Up to 16:10 4K OLED display
- Up to 13th Gen Intel® Core™ i7 processor
- Up to 2TB M.2 PCIe® 4.0 SSD storage and up to 40GB DDR5 memory
- Full I/O ports including 2x Thunderbolt™ 4 USB-C, microSD card reader

Enterprise-grade security and durability

- Tested to US military-grade MIL-STD-810H standards
- Supports IntelvPro®
- Webcam shield, Kensington lock slot, fingerprint sensor with power button, IR camera*, TPM 2.0*

Premium, business-focused design

- Enlarged 150mm x 90mm touchpad
- 180° lay-flat hinge with ErgoLift design
- ASUS ExpertWidget for customizable keyboard shortcuts
- LED user-status indicator
- MyASUS, ASUS Business Manager, ASUS Control Center*

Warranty and Support

3-year global warranty
100% free of charge, with no hidden costs.

Pick up & return service
Enjoy a door-to-door service including pick up, repair, and return.

MyASUS
Contact customer service, view repair status, read product guides and more.

Contact Us

Commercial Support – Contact Us
Self-service:
Phone:
Email:

Commercial Sales – Volume Purchase Inquiries
Email:
For more information:

*Optional feature, may vary by model, specification or region.
1 As of January 2023. Based on internal ASUS market analysis comparing the size of ExpertBook B5 OLED to competitor products from vendors including Acer, HP, Huawei, Lenovo, Microsoft and Samsung. Actual weight may vary by specifications.
## SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model</th>
<th>B5602CVA</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Operating System</strong></td>
<td>Windows 11 Pro (ASUS recommends Windows 11 Pro)/Windws 11 Home</td>
</tr>
</tbody>
</table>
| **Processor** | Intel® Core™ i7-1370P (24MB cache, up to 1.9 GHz, 14 cores) (vPro® Enterprise)  
Intel® Core™ i5-1350P (12MB cache, up to 1.90 GHz, 12 cores) (vPro® Enterprise)  
Intel® Core™ i7-1360P (18MB cache, up to 2.2 GHz, 12 cores) (vPro® Essential)  
Intel® Core™ i5-1340P (12MB cache, up to 1.90 GHz, 12 cores) |
| **Graphics** | Intel® Iris™ Xe  
Intel® UHD |
| **Storage** | 2 x M.2 NVMe PCIe® Gen 4 SSD up to 2TB  
256GB/512GB/1TB M.2 PCIe® 4.0 SSD  
512GB/1TB M.2 PCIe® 4.0 Performance SSD |
| **Memory** | 1 x Onboard memory, 1 x SO-DIMM, up to 40GB DDR5 4800MHz (32GB SODIMM+8GB onbaord)  
Unboard: 8 GB UDIMX-4800MHz  
SO-DIMM: 8 GB/16 GB/32 GB UDIMX-4800MHz |
| **Display** | 16" 16:10 WUXGA (1920x1200), 300nits, NTSC 45%, Value-IPS AG, Narrow Border, eDP1.2, NTSC45%, 20ms, 1000:1, 60Hz  
16" 16:10 WQUXGA (3840x2400), 400nits, DCI-P3 100% (OLED Clare), Narrow Border, eDP1.4, DCIP3100%, 1ms, 1000000:1, 1Hz, 60Hz |
| **I/O Ports** | 2 x Thunderbolt™ 4 USB-C™, 1 x USB 3.2 Gen 2 Type-A, 1 x USB 3.2 Gen 1 Type-A, 1 x RJ45, 1 x HDMI v2.1, 1 x Audio port, 1 x Micro SD slot, 1 x Kensington® nano lock slot |
| **Camera** | HD+IR with webcamshield  
FHD with webcam shield |
| **Wireless** | Wi-Fi 6E (802.11ax) (Dual band) 2*/2 + Bluetooth® 5.3 Wireless Card |
| **Audio** | 2 x speakers  
3 x microphones  
ASUS A Noise-Canceling Technology  
Cortana voice-recognition support  
Dolby technology support |
| **Weight** | Starting at 1.4Kg |
| **Dimensions (WxHxD)** | 35.82 x 26.12 x 1.995 cm |
| **Battery** | 0 Whr/84Whr |
| **Security** | Fingerprint sensor with power button  
Webcam shield  
Kensington® nano lock slot  
IR camera (optional)  
TPM 2.0 (optional) |
| **Keyboard** | Full-size, 1.5 mm key travel, spill-resistant, backlit optional |
| **NumberPad** | N/A |
| **Manageability** | MyASUS, ASUS Business Manager, ASUS Control Center (optional) |
| **AC Adapter** | USB Type-C™, 90W AC Adapter, Output: 20V DC, 4.5A, 90W, Input: 100~240V AC 50/60Hz universal |
| **Certificates** | EPEAT Gold, Energy Star 8.0, TCO 9.0, FSC Mix |

---

**Recommended Accessories**

- **ASUS 90W Universal Nb Square Adapter**
- **ASUS WT300 Wireless Mouse**
ExpertBook B5 OLED | B5602CVN

Portable power for business on the go

ASUS ExpertBook B5 OLED is built for business success in style, with a stunning 16:10 OLED panel and Intel® Arc™ A-Series dedicated graphics for the ultimate laptop experience. Cutting-edge features include 13th Gen Intel® Core™ processors with vPro® support, all-day battery life, and an enlarged touchpad for safe, on-the-go productivity.

Ultimate portability for working anywhere
- World’s lightest 16” business laptop¹ from 1.65kg
- 19.95mm thin with magnesium-aluminum and aluminum chassis
- WIFI 6E with ASUS WiFi Master
- Two-way ASUS AI noise-canceling technology

Incredible performance for exceptional productivity
- Up to 16:10 4K OLED display
- Up to 13th Gen Intel® Core™ i7 processor
- Intel® Arc™ A350M Graphics for enhanced gaming and streaming
- Up to 2TB M.2 PCIe® 4.0 SSD storage and up to 40GB DDR5 memory
- Full I/O ports including 2x Thunderbolt™ 4 USB-C, microSD card reader

Enterprise-grade security and durability
- Tested to US military-grade MIL-STD-810H standards
- Supports IntelvPro®
- Webcam shield, Kensington lock slot, fingerprint sensor with power button, IR camera*, TPM 2.0*

Premium, business-focused design
- Enlarged 150mm x 90mm touchpad
- 180° lay-flat hinge with ErgoLift design
- ASUS ExpertWidget for customizable keyboard shortcuts
- LED user-status indicator
- MyASUS, ASUS Business Manager, ASUS Control Center*

Warranty and Support

3-year global warranty
100% free of charge, with no hidden costs.

Pick up & return service
Enjoy a door-to-door service including pick up, repair, and return.

MyASUS
Contact customer service, view repair status, read product guides and more.

Contact Us

Commercial Support – Contact Us
Self-service:
Phone:
Email:

Commercial Sales – Volume Purchase
Inquiries
Email:
For more information:

*OPTIONAL FEATURE, MAY VARY BY MODEL, SPECIFICATION, OR REGION.

¹AS OF JANUARY 2023. BASED ON INTERNAL ASUS MARKET ANALYSIS COMPARING THE SIZE OF EXPERTBOOK B5413CVA TO COMPETITOR PRODUCTS FROM VENDORS INCLUDING ACER, HP, HUAWEI, LENOVO, MICROSOFT AND SAMSUNG. ACTUAL WEIGHT MAY VARY BY SPECIFICATIONS.
## SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model</th>
<th>B5602CVA</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Operating System</strong></td>
<td>Windows 11 Pro (ASUS recommends Windows 11 Pro)/Windwos 11 Home</td>
</tr>
<tr>
<td><strong>Processor</strong></td>
<td>Intel® Core™ i7-1370P (24MB cache, up to 1.9 GHz, 14 cores) (vPro® Enterprise)</td>
</tr>
<tr>
<td></td>
<td>Intel® Core™ i5-1350P (12MB cache, up to 1.90 GHz, 12 cores) (vPro® Enterprise)</td>
</tr>
<tr>
<td></td>
<td>Intel® Core™ i7-1360P (18MB cache, up to 2.7 GHz, 17 cores) (vPro® Essential)</td>
</tr>
<tr>
<td></td>
<td>Intel® Core™ i5-1340P (12MB cache, up to 1.90 GHz, 12 cores) (vPro® Essential)</td>
</tr>
<tr>
<td></td>
<td>Intel® Core™ i7-1360P (18MB cache, up to 2.2 GHz, 12 cores)</td>
</tr>
<tr>
<td><strong>Graphics</strong></td>
<td>Intel® Arc™ A350M</td>
</tr>
<tr>
<td><strong>Storage</strong></td>
<td>2 x M.2 NVMe PCIe® Gen 4 SSD up to 2TB</td>
</tr>
<tr>
<td></td>
<td>256GB/512GB/1TB M.2 PCIe® 4.0 SSD</td>
</tr>
<tr>
<td><strong>Memory</strong></td>
<td>512GB/1TB M.2 PCIe® 4.0 Performance SSD</td>
</tr>
<tr>
<td><strong>Display</strong></td>
<td>Onboard: 8GB DDR4 4800MHz</td>
</tr>
<tr>
<td></td>
<td>SO-DIMM: 8GB/16GB/32GB DDR4 4800MHz</td>
</tr>
<tr>
<td><strong>I/O Ports</strong></td>
<td>16” 16:10 WUXGA (1920x1200), 300nits, N1SL 45%, Value-iPS AG, Narrow Border, eDP1.2, N1SL45%, 20ms, 1000:1, 60Hz</td>
</tr>
<tr>
<td></td>
<td>16” 16:10 WUXGA (3840x2400), 400nits, DCI-P3 100% (OLED Glare), Narrow Border, eDP 1.4, DCI P3 100%, 1ms, 1000000CR, Flat, 60Hz</td>
</tr>
<tr>
<td><strong>Camera</strong></td>
<td>HD+IR with webcam shield</td>
</tr>
<tr>
<td><strong>Wireless</strong></td>
<td>FHD with webcam shield</td>
</tr>
<tr>
<td><strong>Audio</strong></td>
<td>2 x speakers</td>
</tr>
<tr>
<td></td>
<td>3 x microphones</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>ASUS A Noise-Canceling Technology</td>
</tr>
<tr>
<td><strong>Dimensions (WxDxH)</strong></td>
<td>Cortana voice-recognition support</td>
</tr>
<tr>
<td><strong>Battery</strong></td>
<td>Dolby technology support</td>
</tr>
<tr>
<td><strong>Security</strong></td>
<td>Starting at 1.65kg</td>
</tr>
<tr>
<td><strong>Keyboard</strong></td>
<td>HD+IR with webcam shield</td>
</tr>
<tr>
<td><strong>Manageability</strong></td>
<td>Fingerprint sensor with power button</td>
</tr>
<tr>
<td><strong>AC Adapter</strong></td>
<td>Webcam shield</td>
</tr>
<tr>
<td><strong>NumberPad</strong></td>
<td>Kensington® nano lock slot</td>
</tr>
<tr>
<td><strong>Certificates</strong></td>
<td>IR camera (optional)</td>
</tr>
<tr>
<td><strong>NumberPad</strong></td>
<td>TPM 2.0 (optional)</td>
</tr>
<tr>
<td><strong>Manageability</strong></td>
<td>MyASUS, ASUS Business Manager, ASUS Control Center (optional)</td>
</tr>
<tr>
<td><strong>AC Adapter</strong></td>
<td>USB Type-C®, 90W AC Adapter, Output: 70V/7A, 4.5A, 90W, Input: 100~240V AC®, 50/60Hz universal</td>
</tr>
<tr>
<td><strong>Security</strong></td>
<td>EPEAT Gold, Energy Star 8.0, TCO 9.0, FSC Mix</td>
</tr>
</tbody>
</table>

**Recommended Accessories**

- ASUS 90W Universal NB Square Adapter
- ASUS WT300 Wireless Mouse

**Disclaimer:** Specifications vary between different regions. Service and warranty coverage depend on country and territory and may not be available in all markets.