

ExpertBook B3 | B3405CCA

AI PC, configured for you

Designed to elevate productivity, the ASUS ExpertBook B3 is a flexible AI PC built for today's professionals. Featuring up to Intel® Core™ Ultra processors and dual SO-DIMM slots for up to 64GB DDR5 memory, it's ready for demanding workloads. Stay connected anywhere with optional 5G, and work confidently with advanced security, including Intel vPro®, TPM, and biometric login via fingerprint sensor* and IR camera*. Its quiet thermal design ensures seamless performance, while the sleek ExpertBook design keeps it professional and portable. Perfectly tailored for smarter workflows—wherever you are.



AI productivity, unlocked performance

- Up to Intel® Core™ Ultra 7 processor (Series 2) with AI architecture*
- AI ExpertMeet and AI audio/video tools
- Starting weight 1.42kg
- Up to 64GB DD5 (Dual SO-DIMM)
- Up to 1TB PCIe® 4.0 SSD
- Up to WQXGA high refresh rate (144Hz), 16:10 display
- Full I/O ports including 2 x Thunderbolt™ 4 USB-C*
- Up to XX hours all-day battery life¹

Commercial-grade security and manageability

- Intel vPro® platform
- Microsoft secured-core technologies
- Biometric login with fingerprint sensor, Full HD IR camera*
- Smart card reader*
- ASUS management solutions (ASUS Control Center*, Image Maker*)

Business-level durability and service

- MIL-STD-810H 24 procedures tested
- Up to 5-year international warranty available³
- ASUS business support services

Sustainable for an incredible future

- World's leading digital product passport
- Compliant with EPEAT Gold Climate+, Energy Star 8.0 TCO 10.0, FSC Recycled



Intel® Core™
Ultra processor
(Series 2)



Ultralight



16:10
aspect ratio



Dual
SO-DIMM



All-day
battery life



Sustainable
design

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

¹ACTUAL BATTERY PERFORMANCE MAY VARY DEPENDING ON PRODUCT CONFIGURATION, USAGE, OPERATIONAL CONDITIONS AND POWER MANAGEMENT SETTINGS. BATTERY LIFE WILL DECREASE OVER THE LIFETIME OF THE BATTERY.

²CERTIFICATIONS ARE STILL UNDER PROGRESS AT TIME OF PUBLISHING THIS DOCUMENT. PLEASE CHECK WITH YOUR ASUS REPRESENTATIVE PRIOR TO SHARING ANY INFORMATION PUBLICLY.

Warranty and Support



Up to 5-year international warranty available*
Warranty policies vary by country.



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



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

| Model | B3405CCA / 90NX08L1-M005S0 |
|-----------------------------|--|
| Operating System | Windows 11 Pro |
| Office | 1-month trial for new Microsoft 365 customers. Credit card required. |
| LCD cover-material | Aluminum |
| LCD cover-color | Gentle Grey |
| Top case-material | Plastic |
| Top case-color | Gentle Grey |
| Bottom case-material | Plastic |
| Bottom case-color | Gentle Grey |
| Military grade | US MIL STD 810H military grade standard (24 procedures) |
| Panel Size | 14.0-inch |
| Backlit | LED Backlit |
| Brightness | 300nits |
| Resolution | WUXGA (1920 x 1200) 16:10 |
| Glare | Anti-glare display |
| Color gamut | NTSC: 45% |
| View angle(H/V) | 170/170 |
| Response time(Typ/Max) (ms) | 20/25 |
| Refresh rate | 60Hz |
| Contrast (Typ) | 800:1 |
| Touch Panel | Non-touch screen |
| Screen-to-body ratio | 84 % |
| IPS-level | Wide view |
| Processor | Intel® Core™ Ultra 5 Processor 225H 1.7 GHz (18MB Cache, up to 4.9 GHz, 14 cores, 14 Threads); Intel® AI Boost NPU up to 13 TOPS |
| Neural processor | Intel® AI Boost NPU |
| Chipset | N/A |
| Discrete/Share | Share |

| | |
|---------------------------------------|---|
| Integrated GPU | Intel® Graphics |
| VRAM | N/A |
| How to upgrade memory | Upgradable; Need to remove bottom/top case |
| Expansion Slot(includes used) | 2x DDR5 SO-DIMM slots 1x M.2 2230 PCIe 4.0x4 1x M.2 2280 PCIe 4.0x4 While selecting the LTE/5G specification, the 2230 SSD can't be installed additionally due to design limitation. |
| DIMM Memory | 16GB DDR5 SO-DIMM |
| Total System Memory | DDR5 16GB |
| Storage | 512GB M.2 2280 NVMe™ PCIe® 4.0 SSD SSD Housing for storage expansion |
| Front-facing camera | 1080p FHD camera with IR function to support Windows Hello With privacy shutter |
| Wireless | Wi-Fi 6E(802.11ax) (Triple band) 2*2 + Bluetooth® 5.4 Wireless Card |
| NumberPad | N/A |
| FingerPrint | FingerPrint |
| Keyboard type | Backlit Chiclet Keyboard |
| Keyboard language | Italian |
| I/O ports | 2x USB 3.2 Gen 1 Type-A 2x USB 3.2 Gen 2 Type-C support display / power delivery 1x HDMI 2.1 TMDS 1x 3.5mm Combo Audio Jack 1x RJ45 Gigabit Ethernet Micro SD card reader |
| Audio | Audio by Dirac Smart Amp Technology Built-in speaker Built-in array microphone |
| Battery | 50WHrs, 3S1P, 3-cell Li-ion |
| AC Adapter | TYPE-C, 65W AC Adapter, Output: 20V DC, 3.25A, 65W, Input: 100~240V AC 50/60Hz universal (Adapter+power cord) |
| Required charging power | Min: 55W Max: 65W *The indicated wattage is for demonstrating the system's support capability as required by EU regulations. For optimal system performance, please use the standard-wattage adapter or higher. |
| Dimension (WxHxD) | 31.51 x 22.68 x 1.89 ~ 1.90 cm (12.41" x 8.93" x 0.74" ~ 0.75") |
| Starting Weight (with Battery) | 1.49 kg (3.28 lbs) |

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|---|---|
| Starting Weight (w/o Battery) | 1.30 kg (2.87 lbs) |
| Security | <ul style="list-style-type: none"> Fingerprint sensor integrated with Power Key Kensington Nano Security Slot™(6x 2.5mm) BIOS Booting User Password Protection BIOS Integrity Measurement Support BIOS Self Recovery BIOS setup user password CSME BIOS Redundancy Assistance Enhanced Password Strength HDD User Password Protection and Security Intel CSME Firmware Resilience Intel® BIOS Guard Intel® Boot Guard Microsoft Secured-core PC Microsoft Security Level 2 Support Absolute Persistence 2.0 (Computrace) Trusted Platform Module (TPM) 2.0 ASUS ExpertGurdian with NIST SP 800 155 compliance N/A |
| Antivirus | McAfee® 30 days free trial |
| MyASUS feature | <ul style="list-style-type: none"> System diagnosis Battery health charging Fan Profile Splendid Tru2Life Function key lock WiFi SmartConnect AppDeals Link to MyASUS |
| MyExpert Features | ExpertMeet(All) |
| Built-in Apps | AI ExpertMeet (AI features need devices with 12GB RAM or more) MyASUS |
| Disclaimer for Built-in Apps | <p>Built-in Apps vary from OS SKU.</p> <p>*MyASUS/McAfee don't support in Clean Build/without OS/G sku/Win SE/Windows on ARM/Linux OS (ex. Endless, Kylin, Ubuntu)</p> |
| Reparability Index (for Belgium) | 9.5 |
| Reparability Index (for France) | 9.9 |
| Ecolabels & Compliances | <ul style="list-style-type: none"> EPEAT Gold with Climate+ Energy star 8.0 FSC Recycled REACH RoHS TCO Certified |
| Base Warranty | 1Y Pick up/ return; ZENCARE + 1Y Pick up/ return |

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| Recommended Warranty Package Part number//Extension and/or upgrade service from base warranty | ACX10-004011NX//1Y International Extension ACX13-00699BNX//1Y Extension; 3Y OnSite Service(Next Business Day)*upgrade *If you would like to know the details, please contact your sales teams. |
| Battery warranty | Commercial NB B series Battery warranty follow system warranty, 4Y-5Y by WEP option. |
| Sustainable Material_Top cover(A part) | 30% PCR recycled plastic(cover or inner frame) 30% PIR recycled aluminum |
| Sustainable Material_Keyboard frame (C part) | 30% PCR recycled plastic(cover or inner frame) |
| Sustainable Material_Bottom cover (D part) | 30% PCR recycled plastic(cover or inner frame) |
| Sustainable Material_Battery | 30% PCR recycled plastic |
| Sustainable Material_Keyboard | 50% PCR recycled plastic cap |
| Sustainable Material_Speaker | 45% PCR + 5% OBP PCR recycled plastic enclosure |
| Sustainable Material_Total PCR recycled plastic | 27 |