



ExpertBook B3 G2 (16" Intel) | B3605CAA

Tailored performance for every business

ASUS ExpertBook B3 G2 is a flexible AI PC built for today's professionals. Powered by up to Intel® Core™ Ultra Series 3 processors with dual SO-DIMM slots supporting up to 96GB DDR5 memory, it's ready for demanding workloads. Stay connected with optional WiFi 7, and work securely with enterprise-grade protection—including discrete TPM*, custom BIOS, and dual ROM recovery. Its quiet thermal design and all-day battery life ensure smooth, reliable performance, while the sleek ExpertBook design keeps it professional and portable. Perfectly tailored for smarter workflows—wherever you work.



AI productivity, unlocked performance

- Up to Intel® Core™ Ultra 7 Series 3 processors¹ with up to 50 NPU TOPS performance
- Up to 96GB DDR5 (Dual SO-DIMM)³
- Up to 6TB SSD⁴
- Up to WQXGA high refresh rate (144Hz), 16:10 display
- Full I/O ports including 2 x Thunderbolt™ 4 USB-C*
- All-day battery life⁵

Enterprise-grade security and manageability

- Multi-layered protection: discrete TPM*, BIOS recovery, custom BIOS, cloud recovery
- ASUS management solutions (ASUS Control Center*, Image Maker*)
- Microsoft secured-core technologies

Business-level durability and service

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

Sustainable for an incredible future

- World's leading Product Environmental Footprint
- Compliant with EPEAT Gold Climate+, Energy Star 9.0 TCO 10.0, FSC Recycled⁶



Intel® Core™
Ultra Series 3
processor¹



ASUS
MyExpert²



16:10
aspect ratio



Dual
SO-DIMM



All-day
battery life



Sustainable
design

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

1. Intel® Core™ Ultra 7 processors availability varies by country and region.

2. ASUS MyExpert is exclusive to ASUS Expertseries laptops, desktops and AIO models from 2026 onward. Availability may vary by country and model. Features are subject to update or modify without prior notice. Functionality is based on the latest software version.

3. ASUS ExpertBook B3 G2 supports up to 64GB preconfigured, up to 96GB via self-upgrade.

4. ASUS ExpertBook B3 G2 supports up to 512GB+512GB or single 2TB preconfigured, up to 4TB+2TB via self-upgrade.

5. ACTUAL 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.

6. CERTIFICATION 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.

SPECIFICATIONS

Model	ExpertBook B3 G2 (16" Intel) (B3605CAA)
Operating system	Windows 11 Pro/ Home 64bit Windows 11 Clean Build (not for open channel) Win11 PRO 64 bits with Driver WHQL support Without OS
Processor	Intel® Core™ Ultra 7 Processor 356H (18MB Cache, up to 4.7 GHz, 16 cores, 16 Threads); Intel® AI Boost NPU up to 50 TOPS Intel® Core™ Ultra 7 Processor 366H (vPro® Enterprise) (18MB Cache, up to 4.8 GHz, 16 cores, 16 Threads); Intel® AI Boost NPU up to 50 TOPS Intel® Core™ Ultra 7 Processor 355 (12MB Cache, up to 4.7 GHz, 8 cores, 8 Threads); Intel® AI Boost NPU up to 49 TOPS Intel® Core™ Ultra 5 Processor 325 (12MB Cache, up to 4.5 GHz, 8 cores, 8 Threads); Intel® AI Boost NPU up to 47 TOPS Intel® Core™ Ultra 5 Processor 335 (vPro® Enterprise) (12MB Cache, up to 4.6 GHz, 8 cores, 8 Threads); Intel® AI Boost NPU up to 47 TOPS
Graphics	Intel® Graphics for Intel Core Ultra with 64-bit memory populated
Memory	2 x SO-DIMM, up to 48GB+48GB DDR5 5600 SO-DIMM: 8 GB/16 GB/32 GB DDR5 5600 *Up to 64GB preconfigured, up to 96GB self-upgrade
Storage	1 x M.2 2280 SSD, up to 4 TB* PCIe® 5.0 SSD 256 GB/512 GB/1 TB/2 TB/4 TB* M.2 PCIe® 4.0 SSD 512 GB/1 TB/2 TB/4 TB* M.2 PCIe® 5.0 SSD 512 GB M.2 NVMe SED SSD 1 x M.2 2230 SSD, up to 2 TB* PCIe 4.0 SSD 512 GB/2 TB* M.2 PCIe® 4.0 SSD *Up to 512GB+512GB or single 2TB preconfigured, up to 4TB+2TB self-upgrade.
Display	(Non-touch) 16" WUXGA (1920 x 1200), Value-IPS, 16:10, wide-view, anti-glare, 300 nits, 60Hz (Non-touch) 16" WQXGA (2560 x 1600), IPS, 16:10, wide-view, anti-glare, 400 nits, sRGB 100%, 144Hz
I/O ports	2 x Thunderbolt™ 4 USB-C™, support PD3.0 (charge in) PD & DP2.1 (only in w/vPro SKU) / 1 x USB 3.2 Gen2 Type C, full function + 1 x Thunderbolt™ 4 USB-C™, support PD3.0 (charge in) PD & DP2.1 (only in wo/vPro SKU) / 2 x USB 3.2 Gen1 Type-A (one support BC1.2) / 1 x HDMI 2.1 TMDS / 1 x Combo audio jack / 1 x Kensington® nano lock slot / 1 x RJ45 / 1 x Micro SD / 1 x Smart card reader (optional)
Camera	FHD camera, Webcam Shield FHD+IR camera, Webcam Shield 5MP+IR camera, Webcam Shield
Wireless	WLAN: Wi-Fi 6E (802.11ax) (Triple band) 2*2 + Bluetooth® 5.4 Wireless Card Wi-Fi 7 (802.11be) (Triple band) 2*2 + Bluetooth® 6 Wireless Card
Audio	2x Speaker with Dirac technology support 2x Array microphone ASUS AI Noise-Canceling Technology
Weight	Starting at 1.83kg
Dimensions (WxDxH)	358.4*253.9*15.94mm
Battery	50Wh-3 cell, Li-Polymer / 63Wh-3 cell, Li-Polymer
Security	Kensington® Nano lock slot / Fingerprint sensor (Optional) Webcam Shield / TPM 2.0 (dTPM / fTPM) / Smart Card Reader (optional)
Keyboard and touchpad	Full-size keyboard with 1.5 mm key travel / Backlit (optional) / spill-resistant to 78cc* *Quantity used during testing, with duration of 3 minutes
Featured software	ASUS Control Center (sold separately) / MyExpert ¹ / MyASUS / AI Camera with MEP
AC adapter	65W AC Adapter, USB Type-C Output: 20V DC, 3.25A, 65W / Input: 100-240V AC, 50/60Hz universal
Energy efficiency compliance	EPEAT Gold Climate+ / Energy Star 9.0 / TCO 10.0 / FSC Recycled / WEEE / RoHS / TÜV Rheinland

DISCLAIMER:
1.SPECIFICATION VARY BETWEEN DIFFERENT REGIONS. SERVICE AND WARRANTY COVERAGE DEPEND ON COUNTRY AND TERRITORY AND MAY NOT BE AVAILABLE IN ALL MARKETS.
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Recommended Accessories



ASUS SimPro Dock 2

Change log

January, 2026
Remove “Windows 11 Pro Education 64bit” from operating system
Revise “4TB + 2TB PCIe® 4.0 SSD” to “6TB SSD”
April, 2026
Revised “pure OS” to "Clean Build" from operating system