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.



Intel® Core™ Ultra Series 3 processor[1]

ASUS MyExpert[2]

16:10 aspect ratio

Dual SO-DIMM

All-day battery life

Sustainable design

AI productivity, unlocked performance

- Up to Intel® Core™ Ultra 7 Series 3 processors[1] with up to 50 NPU TOPS performance
- Up to 96GB DDR5 (Dual SO-DIMM)[3]
- Up to 6TB SSD[4]
- Up to WQXGA high refresh rate (144Hz), 16:10 display
- Full I/O ports including 2 x Thunderbolt™ 4 USB-C*
- All-day battery life[5]

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 Recycled[6]

*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 Expert series 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. CERTIFICATIONS 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	B3605CAA / 90NX0A11-M004Z0
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	16.0-inch
Brightness	300nits
Resolution	WUXGA (1920 x 1200) 16:10
Glare	Anti-glare display
Color gamut	NTSC: 45%
View angle(H/V)	178/178
Response time(Typ/Max) (ms)	25/30
Refresh rate	60Hz
Contrast (Typ)	1000:1
Touch Panel	Non-touch screen
Screen-to-body ratio	85 %
IPS-level	Wide view
Processor	Intel® Core™ Ultra 7 Processor 356H 1.9 GHz (18MB Cache, up to 4.7 GHz, 16 Cores, 16 Threads); Intel® AI Boost NPU up to 50 TOPS
Neural processor	Intel® AI Boost NPU
Chipset	N/A
Discrete/Share	Share
Integrated GPU	Intel® Graphics

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SPECIFICATIONS

VRAM	N/A
Expansion Slot(includes used)	2x DDR5 SO-DIMM slots 1x M.2 2230 PCIe 4.0x4 1x M.2 2280 PCIe 4.0/5.0x4
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 7(802.11be) (Triple band) 2*2 + Bluetooth® 6.0 Wireless Card
NumberPad	N/A
FingerPrint	FingerPrint
Keyboard type	Backlit Chiclet Keyboard with Num-key
Keyboard language	Spanish
I/O ports	1x USB 3.2 Gen 2 Type-C support display / power delivery 2x USB 3.2 Gen 1 Type-A 1x Thunderbolt™ 4, compliant with USB4, support display / power delivery 1x HDMI 2.1 TMDS 1x 3.5mm Combo Audio Jack 1x RJ45 Gigabit Ethernet Micro SD card reader Smart card reader
Audio	Audio by Dirac 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)	35.84 x 25.39 x 1.05 ~ 1.90 cm (14.11" x 10.00" x 0.41" ~ 0.75")
Starting Weight (with Battery)	1.85 kg (4.08 lbs)
Starting Weight (w/o Battery)	1.66 kg (3.66 lbs)

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SPECIFICATIONS

Security	Fingerprint sensor integrated with Power Key IR webcam with Windows Hello support Kensington Nano Security Slot™(6x 2.5mm) Intel® Boot Guard Enhanced Password Strength Intel CSME Firmware Resilience BIOS Booting User Password Protection CSME BIOS Redundancy Assistance BIOS setup user password BIOS Integrity Measurement Support HDD User Password Protection and Security Microsoft Security Level 3 BIOS Self Recovery Intel® BIOS Guard Microsoft Secured-core PC Support Absolute Persistence 2.0 (Computrace) Trusted Platform Module (TPM) 2.0 ASUS ExpertGurdian with NIST SP 800 193 compliance N/A
Antivirus	McAfee® 30 days free trial
MyASUS feature	System diagnosis Battery health charging Fan Profile Splendid Tru2Life Function key lock WiFi SmartConnect AppDeals Link to MyASUS
MyExpert Features	Knowledge Hub Advanced Tool ExpertMeet(All) File Search SafeGuard Backup(Dual SSD, additional purchase before shipment)
Built-in Apps	AI ExpertMeet (AI features need devices with 12GB RAM or more) MyASUS
Disclaimer for Built-in Apps	Built-in Apps vary from OS SKU. *MyASUS/McAfee don't support in Clean Build/without OS/G sku/Win SE/Windows on ARM/Linux OS (ex. Endless, Kylin, Ubuntu)
Reparability Index (for Belgium)	09.5
Reparability Index (for France)	09.9
Ecolabels & Compliances	EPEAT Gold with Climate+ Energy star 9.0 FSC Recycled REACH RoHS TCO Certified Generation 10
Base Warranty	1Y Pick up/ return; ZENCARE

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SPECIFICATIONS

Recommended Warranty Package Part number//Extension and/or upgrade service from base warranty	*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%

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