

ExpertBook B3 G2 | BM3406CHA

Tailored performance for every business

ASUS ExpertBook B3 G2 is a flexible laptop built for today's professionals. Powered by up to AMD Ryzen™ processors with dual SO-DIMM slots supporting up to 96 GB DDR5 memory, it's ready for demanding workloads. Stay connected with optional WiFi 7, and work securely with enterprise-grade protection — including discrete TPM* 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.



AMD Ryzen™
processor



Lightweight



16:10
aspect ratio



Dual
SO-DIMM



All-day
battery life



Sustainable
design

AI productivity, unlocked performance

- Up to AMD Ryzen™ 7 with up to 16 NPU TOPS performance
- Starting weight 1.41kg
- Up to 96GB DDR5 (Dual SO-DIMM)¹
- Up to 6TB PCIe® 4.0 SSD²
- Up to WQXGA high refresh rate (144Hz), 16:10 display
- Full I/O ports including USB 3.2/4.0 Type-C, HDMI 2.1, RJ45 ports
- All-day battery life³

Enterprise-grade security and manageability

- Microsoft secured-core technologies
- Multi-layered protection: discrete TPM*, BIOS recovery, cloud recovery
- 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 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 Recycled⁴

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

1. Up to 64GB preconfigured, up to 96GB via user-upgrade.

2. Up to 512GB+512GB or single 1TB preconfigured, up to 4TB+2TB via user upgrade.

3. 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.

4. 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	BM3406CHA / 90NX0A62-M00270
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)	160/160
Response time(Typ/Max) (ms)	20/25
Refresh rate	60Hz
Contrast (Typ)	800:1
Touch Panel	Non-touch screen
Screen-to-body ratio	88 %
IPS-level	Wide view
Processor	AMD Ryzen™ 5 220 Processor 3.2GHz (16MB Cache, up to 4.9 GHz, 6 cores, 12 Threads)
Chipset	N/A
Discrete/Share	Share
Integrated GPU	AMD Radeon™ 740M

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SPECIFICATIONS

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 2280 PCIe 4.0x4 1x M.2 2230 PCIe 4.0x4
DIMM Memory	16GB DDR5 SO-DIMM
Total System Memory	DDR5 16GB
Storage	1TB M.2 2280 NVMe™ PCIe® 4.0 SSD
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® 5.4 Wireless Card
NumberPad	N/A
FingerPrint	FingerPrint
Keyboard type	Backlit Chiclet Keyboard
Keyboard language	German
I/O ports	1x USB 3.2 Gen 2 Type-C support display / power delivery 2x USB 3.2 Gen 1 Type-A 1x USB 4.0 Type-C support display / power deliver 1x HDMI™ 2.1 TMDS 1x 3.5mm Combo Audio Jack 1x RJ45 Gigabit Ethernet
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
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)	31.60 x 22.78 x 1.07 ~ 1.89 cm (12.44" x 8.97" x 0.42" ~ 0.74")
Starting Weight (with Battery)	1.47 kg (3.24 lbs)
Starting Weight (w/o Battery)	1.28 kg (2.82 lbs)

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Security	Fingerprint sensor integrated with Power Key Kensington Nano Security Slot™(6x 2.5mm) IR webcam with Windows Hello support CSME BIOS Redundancy Assistance Trusted Platform Module (TPM) 2.0 Enhanced Password Strength Support Absolute Persistence 2.0 (Computrace) BIOS Self Recovery BIOS Integrity Measurement Support HDD User Password Protection and Security BIOS Booting User Password Protection BIOS setup user password Microsoft Security Level 3 ASUS ExpertGurdian with NIST SP 800 193 compliance N/A
Antivirus	McAfee® 1 year
MyASUS feature	System diagnosis Battery health charging Fan Profile Splendid Function key lock WiFi SmartConnect AppDeals
MyExpert Features	Advanced Tool ExpertMeet(All) SafeGuard Backup(Dual SSD, additional purchase before shipment)
Built-in Apps	MyASUS ASUS MyExpert (Not supported in China) AI ExpertMeet (China only)
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)	09.4
Reparability Index (for France)	09.6
Ecolabels & Compliances	EPEAT Gold with Climate+ Energy star 9.0 FSC Recycled REACH RoHS TCO Certified Generation 10
Base Warranty	3Y Pick up/ return
Recommended Warranty Package Part number//Extension and/or upgrade service from base warranty	ACX12-002021NX//1Y Extension; 4Y Accidental Damage Protection* *upgrade ACX13-007013NX//1Y Extension; 4Y OnSite Service(Next Business Day)*upgrade ACX13-018710NX//3Y OnSite Service(Next Business Day)*upgrade *If you would like to know the details, please contact your sales teams.

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SPECIFICATIONS

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_Adaptor	30% PCR recycled plastic enclosure
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	28%

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