ASUS

ExpertBook B5 | B5602C

Portable power for business on the go

ASUS ExpertBook B5 is built for business success in style, with a precision-crafted and minimalist chassis that pushes the limits of lightness and an optional OLED panel for stunning visuals. Powered by cutting-edge 12th Gen Intel® Core™ processor and up to Intel® Arc™ A350M discrete graphics, ExpertBook B5 is your perfect portable, powerful partner for the corporate world.

CPU
Up to 12th gen CPU

Ultra light

Up to A350M discrete graphics

Dual fan cooling

Up to 13-hour battery

Dual SSDs Support RAID 0, 1

US military grade

AI noise-canceling technology

Ultimate portability & lasting battery

- Lightweight design starting at 1.4kg
- Slim body with height 19.95mm
- Up to 13hrs of long battery life (84Whr)[1]
- Battery cycle life can reach 1,000 cycles and the battery capacity remains 65% of the initial capacity (50Whr)

Heavyweight performance in a sleek

- Up to 12th Gen Intel® Core™ i7 processor with vPro® platform
- Up to the latest Intel® Arc™ A350M discrete graphics*
- Dual fan design for enhanced performance and cooler touch experience
- Dual M.2 SSD up to 2TB, support Raid 0, Raid 1
- Up to 40 GB DDR5 4800MHz memory (32 GB upgradable + 8 GB on-board)
- 16:10 OLED* panel provide the exceptional color and expanded visual
- Full I/O ports with Thunderbolt™ 4.0, HDMI, USB type-A, RJ45 and microSD card reader

Business focus design

- Up to WiFi 6E* & ASUS WiFi Master provides seamless connection
- LED status indicator light on A cover
- Two-way AI noise-canceling technology with hotkey

Enterprise-grade durability and security

- US Military Grade durability to cope with business rigors on the road
- Intel vPro® Platform* support for hardware level security and management
- IR camera* for facial log in and webcam shield
- TPM 2.0*, Nano Kensington lock slot, and fingerprint sensor

Warranty and Support[2]

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

SPECIFICATION

Model	B5602CBA	B5602CBN
Operating System	Windows 11 Pro (ASUS recommends Windows 11 Pro) / Windows 11 Home	
CPU	Intel® Core™ i5-1240P processor 1.7 GHz (12MB cache, up to 4.40 GHz, 12 cores) (non-vPro / vPro Essential) Intel® Core™ i7-1260P processor 2.1 GHz (18MB cache, up to 4.70 GHz, 12 cores) (non-vPro / vPro Essential) Intel® Core™ i5-1250P processor 1.7 GHz (12MB cache, up to 4.40 GHz, 12 cores) (vPro) Intel® Core™ i7-1270P processor 2.2 GHz (18MB cache, up to 4.80 GHz, 12 cores) (vPro)	
GPU	Intel®Iris®Xe graphics Intel® UHD graphics	Intel® Arc™ A350M Graphics
Memory	1 x on board, 1 x SO-DIMM, up to 40 GB DDR5 4800MHz On board: 8 GB DDR5 4800 MHz SO-DIMM: 8 GB/16 GB/32 GB DDR5 4800MHz	
Storage	2 x M.2 SSD slots, up to 2 TB PCIe® 4.0 performance SSD (1x PCIe® Gen4, 1 x PCIe® Gen3)	
Display	16" WUXGA (1920x1200), IPS, 16:10, wide view, anti-glare, 300 nits, 45% NTSC 16" WQUXGA (3840x2400), OLED, 16:10, wide view, 400nits, 100% DCI-P3	
I/O Port	2 x Thunderbolt™4 Type-C (supports 4K display, USB PD3.0) / 1 x USB3.2 Gen2 Type-A / 1 x USB2.0 Type-A / 1 x RJ45 / 1 x HDMI 2.0b / 1 x microSD card reader/ 1 x 3.5 mm combo audio jack / 1 x Nano Kensington® lock slot	
Video Camera	HD + IR camera, Webcam shield / FHD camera, Webcam shield	
Wireless	Wireless on board Dual-band 2x2 Wi-Fi 6 (802.11ax) + Bluetooth® 5 Dual-band 2x2 W-iFi 6E (802.11ax) + Bluetooth® 5 Dual-band 2x2 Wi-Fi 6E (802.11ax) + Bluetooth® 5 (vPro)	
Audio	2 x speakers, 3 x Multi-Array microphone ASUS two-way AI Noise-Canceling Technology, Cortana voice-recognition support	
Weight	50 Whr battery : Start at 1.4 kg/ OLED panel	
Dimensions (WxDxH)	34.82 x 26.12 x 1.995 cm	
Battery	50 Whr, 3-cell, Li-Polymer/ 84 Whr, 4-cell, Li-Polymer	
Security	Fingerprint sernsor (combo power bottom), TPM 2.0 (optional), Webcam shield , Nano Kensington lock slot	
Keyboard	Full-size, Backlit keyboard (optional), 1.5 mm key-travel, spill-resistant keyboard(66cc)	
NumberPad	N/A	
Manageability	ASUS Control Center (sold seperately), ASUS Business Manager, MyASUS	
AC adapter	TYPE-C, 90W AC Adapter, Output: 20V DC, 4.5A, 90W, Input: 100~240V AC 50/60Hz universal	
Certificates	Energy star, EPEAT gold	

Disclaimer :
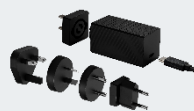* Optional features, availability may vary from countries and region.
1. Battery test conducted by ASUS on September 30, 2022, using the 1080p Video Playback scenario. Battery life test configuration: Intel® Core™ i5-1240P, 8GB RAM, 2K IPS display, 512GGB PCIe® SSD, 84Whr. Test settings: WiFi flight mode, the display brightness set to 150 cd/m2 (33%), Touch Pad. Actual battery life may vary depending on product configuration, usage, operational conditions and power management settings. Battery life will decrease over the lifetime of the battery.
2. Service and warranty coverage may vary depending on country and territory. We recommend that you check with your local retailers to confirm the options available.

Recommend Accessories

ASUS SimPro dock 2

65W USB-C Ultra Mini Universal Adapter

ZenScreen MB165B

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