

## ASUS ExpertBook B5 B5602CBA-MB0267X(90NX05H1-M00AB0)

**ASUS ExpertBook B5 B5602CBA-MB0267X - Intel Core i5 - 1240P / up to 4.4 GHz - Win 11 Pro - UHD Graphics - 8 GB RAM - 512 GB SSD NVMe - 16" 1920 x 1200 - Gigabit Ethernet - Wi-Fi 6, Bluetooth - star black**



ASUS ExpertBook B5 is built for business success in style, with precision-crafted chassis that pushes the limit of lightness. It's set for serious travel with amazing battery life and is engineered with many cutting-edge technologies to improve your on-the-go work efficiency. ExpertBook B5 is also packed with features to protect your privacy and business data, including a built-in fingerprint sensor and TPM 2.0 chip.

## Key Selling Points

- 12th gen Intel Core i5 processor
- 16" display with thin-and-light design for expansive on-the-go productivity
- Excellent battery
- Immersive work experience with 16:10 display
- Enterprise-grade security features
- US military grade standard tested for robust durability

## Product Features

### Get the job done, effortlessly

To make light work of all your business tasks, ExpertBook B5 is powered by a 12th Gen Intel Core i5 processor.

### Bigger workspace, greater efficiency

ExpertBook B5's 16-inch display has a 16:10 aspect ratio that provides a larger visual workspace compared to a standard 16:9 display. This makes it easier to read articles, view websites, work on spreadsheets - or anything else that needs just that little extra room.

### Ergonomic keyboard

Designed with comfort in mind, ExpertBook B5 features a backlit keyboard with a distinct physical number pad for a more accurate typing experience in dark environments, from dimly lit offices to aircraft cabins.

### Triple 4K displays

ExpertBook B5 helps you minimize the hassles and inconveniences of remote work. With two Thunderbolt 4 and one HDMI 2.0 port available, you're free to connect up to three external 4K UHD displays. So, for example, you could host a video conference on the ExpertBook B5's own display while using three screens to keep in view information that's important to your call.

### Brilliant portability

ExpertBook B5 is designed to be your great portable partner. Crafted with magnesium-aluminum alloy and pure aluminum, this 16-inch laptop is lightweight while having an excellent 84 Wh battery. With the long battery life and fast-charging design, you'll be ready for productivity in or out of the office.

### Serious durability

Life on the road is tough, so ExpertBook B5 is designed to both meet and surpass exacting industry thresholds - including the ultra-demanding MIL-STD 810H US military standard. It's built to survive every extreme, from freezing temperatures to the searing heat of desert storms, and high-speed shocks to everyday bumps. ExpertBook B5 also undergoes stringent in-house testing, including panel pressure, shock, and drop tests for an assurance of serious durability.

### Comprehensive connectivity with no compromise

Despite its thin profile, ExpertBook B5 is loaded with I/O ports. These include cutting-edge Thunderbolt 4, the next generation of the universal cable connectivity solution that offers support for the next-level USB 4 interface, 40 Gbps data transfer speeds, 4K display output and fast charging. The laptop also offers a microSD card reader and an HDMI output.

### Enterprise-grade security

ASUS understands that IT security must evolve to effectively serve as the first line of defense against business disruptions. ExpertBooks feature a suite of sophisticated security features such as TPM 2.01, lock slot, and USB device control to keep your business and its future, safe.

Main Specifications

Product Description	ASUS ExpertBook B5 B5602CBA-MB0267X - 16" - Intel Core i5 - 1240P - 8 GB RAM - 512 GB SSD
Product Type	Notebook
Operating System	Win 11 Pro
Processor	Intel Core i5 (12th Gen) - 1240P / 1.7 GHz, up to 4.4 GHz / 12 MB Cache
Memory	8 GB DDR5 (provided memory is soldered)
Storage	512 GB SSD - NVMe
Display	16" 1920 x 1200 / WUXGA @ 60 Hz
Graphics	Intel UHD Graphics
Keyboard Backlight	Yes
Numeric Keypad	Yes
Integrated Webcam	Yes
Networking	802.11a/b/g/n/ac/ax, Bluetooth 5.3, Gigabit Ethernet
Battery	4-cell
Security	Trusted Platform Module (TPM 2.0) Security Chip, fingerprint reader
Colour	Star black
Dimensions (WxDxH)	35.82 cm x 26.12 cm x 1.99 cm
Weight	1.7 kg
Environmental Standards	ENERGY STAR Qualified EPEAT Silver
Repairability Index	7.8 (out of 10)
Manufacturer Warranty	Limited warranty - 2 years - pick-up and return

Extended Specification

General

Product Type	Notebook
Operating System	Windows 11 Pro

Memory

RAM	8 GB (provided memory is soldered)
Max RAM Supported	40 GB
Technology	DDR5 SDRAM
Form Factor	SO-DIMM 262-pin
Slots Qty	1
Empty Slots	1

Manufacturer Warranty

Service & Support	Limited warranty - 2 years - pick-up and return
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Storage

Main Storage	512 GB SSD M.2 PCIe 4.0 x4 - NVM Express (NVMe)
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Miscellaneous

Colour	Star black
Case Material	Aluminium (bottom), magnesium-aluminium alloy (top), magnesium-aluminium alloy (LCD cover)
Security	Trusted Platform Module (TPM 2.0) Security Chip, fingerprint reader

Features	Hard drive password, MIL-STD-810H tested, BIOS protection, Computrace ready from BIOS, Cortana support
Theft/Intrusion Protection	Security lock slot (cable lock sold separately)
Security Slot Type	Kensington security slot
Included Accessories	USB-C power adapter
Compliant Standards	RoHS

Software

Software Included	LoJack for Laptops, McAfee, MyASUS, Microsoft 365 (1 month trial)
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Display

Type	16"
Resolution	1920 x 1200 (WUXGA)
V-Sync Rate at Max Res.	60 Hz
Widescreen	Yes
Image Aspect Ratio	16:10
Image Brightness	300 cd/m²
Horizontal Viewing Angle	170
Vertical Viewing Angle	170
Colour Gamut	45% NTSC
Features	Anti-glare, WideView, IPS-level, 83% screen-to-body ratio, 25 ms response rate (typical), 30 ms response rate (max)

Battery

Technology	4-cell Lithium Ion
Capacity	84 Wh

Communications

Wireless	802.11a/b/g/n/ac/ax, Bluetooth 5.3
Network Interface	Gigabit Ethernet
Features	Dual stream (2x2)

Dimensions & Weight

Dimensions (WxDxH)	35.82 cm x 26.12 cm x 1.99 cm
Weight	1.7 kg

Processor / Chipset

CPU	Intel Core i5 (12th Gen) 1240P / 1.7 GHz
Max Turbo Speed	4.4 GHz
Number of Cores	12-core
Cache	L3 - 12 MB
Features	Intel Smart Cache

Audio & Video

Graphics Processor	Intel UHD Graphics
Camera	Yes - 720p
Camera Features	Privacy shutter, IR camera, Windows Hello
Sound	Speaker, array microphone
Compliant Standards	Dolby Atmos

Input

Type	Keyboard, touchpad
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Keyboard Backlight	Yes
Numeric Keypad	Yes
Features	Spill-resistant, chiclet keyboard, 1.5mm travel distance

AC Adapter

Input	AC 100-240 V (50/60 Hz)
Output	90 Watt, 20 V, 4.5 A

Connections & Expansion

Slots	2 x M.2 (PCI Express 4.0 x4) (1 free)
Interfaces Details	USB 3.2 Gen 2   2 x USB4 (supports Thunderbolt 4, DisplayPort Alt Mode) (Power Delivery)   HDMI   USB 2.0   LAN
Memory Card Reader	Yes (microSD)

Sustainability Information

Repairability Index	7.8 (out of 10)
TCO Certified	-
EPEAT Compliant	EPEAT Silver
ENERGY STAR Certified	Yes

What's in the box

ASUS ExpertBook B5 B5602CBA-MB0267X  
USB-C power adapter

\*TD SYNnex is not responsible for errors in the documentation of products.