

**ASUS
ExpertBook B5
B5604CMA-
QW0034X Intel
Core Ultra 5
125U Laptop
40.6 cm (16")
WUXGA 16 GB
DDR5-SDRAM
512 GB SSD Wi-
Fi 6E (802.11ax)
Windows 11 Pro
Black**



Model: 90NX0751-M001B0

Manufacturer: ASUS

EAN: 4711387450284

Product Code: 962478

R25,970

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Business excellence, anywhere you work

ASUS ExpertBook B5 is the perfect on-the-go companion for forward-thinking professionals. It's an ultralight, AI-ready marvel that combines the latest Intel® Core™ Ultra processors and discrete NVIDIA® graphics¹, ushering in a new era of productivity — plus a taller 16:10 touchscreen² for deeper immersion. With AI-powered features like an intelligent camera and noise cancelation plus seamless WiFi 7³ and 4G connectivity⁴, everyday business is smarter, faster and smoother. ExpertBook B5 equips you for effective, enjoyable work — everywhere you go.

AI power, built right in

Powered by up to, the latest, Intel® Core™ Ultra 7 processor, ExpertBook B5 delivers frictionless AI experiences with the best compatibility — right from the get-go.

Unparalleled performance

Unleashing extraordinary performance with ExpertBook B5, featuring up to NVIDIA® GeForce RTX 2050, the discrete graphics GPU sets a new standard for visual excellence and computational power.

Enterprise-grade security

A suite of sophisticated security features protects both the ExpertBook B5 and your valuable data. These include a fingerprint sensor and infrared camera⁵ for fast, secure login, TPM 2.0⁶ and smart-card reader⁵ for data protection and authentication, and a Kensington Nano Security Slot™ for physical security whenever you need it.

Military-grade durability

ExpertBook B5 is expertly engineered to meet the ultra-demanding MIL-STD 810H US military standard, and also undergoes thorough in-house testing — including panel-pressure, shock and drop test⁷ — to ensure superior durability and reliability.

Performance on tap

ExpertBook B5 has the power to get the job done — whatever your business day brings. The latest, up to, Intel® Core™ Ultra 7 processor has AI performance on tap, while up to NVIDIA® GeForce RTX 2050 discrete graphics ensure rapid visual processing. It also packs up to 64 GB of fast DDR5 memory, with dual SO-DIMM support for easy maintenance and upgrades.

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Smarter, Faster, AI-Powered

With the Intel Neural Processing Unit (NPU) and Copilot in Windows8 delivering unparalleled AI performance, the ExpertBook B5 series is an exceptional choice for professionals. It not only delivers amazing performance; it also offers enhanced security measures that provide robust defense against potential threats. This combination of hardware and software empowers users to navigate through their workloads with ease.

Intel's first-ever NPU is dedicated to AI workloads and optimized for sustained, power-moderate applications. This groundbreaking integrated AI engine seamlessly delivers improved collaboration and productivity through local AI assistants, and superior video editing performance, all while maximizing energy efficiency for exceptional per-watt performance.

Copilot in Windows8 with commercial data protection is your AI assistant at work. Supercharge your productivity and achieve more with less time and effort using Copilot. Experience your everyday AI companion now with the dedicated Copilot key. Just one click for endless exploration.

Made for life on the go

The light, starting at 1.65 kg⁹, all-metal chassis means ExpertBook B5 is ready to travel wherever you need to go — so you can work anytime, anywhere. It also has a capacious all-day battery that won't let you down, plus support for fast-charging technology to top up speed whenever you need.

Immersion for modern working

With AI-powered noise cancelation, an AI-powered camera, built-in 4G LTE4 connectivity and an optional touchscreen, ExpertBook B5 creates immersive work experience without boundaries.

For professional conferencing experiences, ExpertBook B5 has two-way AI noise-canceling technology that employs sophisticated machine-learning techniques. The technology includes both an upstream function to filter noise around the speaker, and a downstream function to eliminate noise from the person at the other end of the conversation — so virtual chats feel as natural as being in the same room.

With ExpertBook B5's AI-powered camera, you'll enjoy virtual meetings without compare. Motion-tracking technology automatically keeps your face centered and adjusts to the focus of your eyes — eliminating the annoyance of having to adjust your camera mid-chat. With its ability to enhance both

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image quality and brightness automatically, the AI camera ensures you always look your best.

ExpertBook B5 is both 4G-enabled⁴ and has the latest WiFi 7E technology, ensuring faster speeds and safer connections wherever you work — and clearer conference calls with fewer interruptions.

Enterprise-grade security

ExpertBook B5's enterprise-grade security features safeguard your business and personal information.

Smart card reader⁵

The built-in smart card reader can be used as a secondary ID check, enhancing identity security.

IR camera⁵

The built-in IR camera recognizes your face within seconds, logging you in without lifting a finger.

Fingerprint sensor

The fingerprint sensor that's integrated into the power button, along with the infrared camera, works seamlessly with Windows Hello.

TPM 2.0⁶

TPM 2.0 securely stores authentication information used by software, such as passwords or encryption keys, to protect important data and transactions.

Kensington Nano Security Slot™

An integrated Kensington Nano Security Slot™ allows ExpertBook B5 to be physically secured in high-risk locations.

Webcam shield

A physical webcam cover that slides over the lens provides a guarantee of privacy when the camera is not in use.

All the ports you need

ExpertBook B5 is loaded with the latest connectivity, including two Thunderbolt™ 4 Type-C ports and HDMI 2.1, plus smart card reader and nano SIM slot options.

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ASUS has a commitment to sustainability throughout the product lifecycle, reducing carbon emissions from manufacturing and packaging through to everyday use and eventual recycling.

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