



**Notebook ASUS
ExpertBook
B5604CMA-
Q90733X CPU
Core Ultra u5-
125H 1200 MHz
16 1920x1200
RAM 16GB DDR5
SSD 512GB Intel
Graphics
Integrated NOR
Windows 11 Pro
Black 1.72 kg
90NX0751-
M00U40**

Model: 90NX0751-M00U40

Manufacturer: ASUS

EAN: 4711387889787

Product Code: 42385

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R24,276

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 cancellation 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.

- Windows 11 Pro 64-bit
- Intel Core Ultra 5 125H (18MB Cache)
- 40.6 cm (16") WUXGA 1920 x 1200
- 16GB DDR5-SDRAM & 512GB SSD

Summary: ASUS ExpertBook B5 B5604CMA-Q90733X. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 5, Processor model: 125H. Display diagonal: 40.6 cm (16"), HD type: WUXGA, Display resolution: 1920 x 1200 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel Arc Graphics. Operating system installed: Windows 11 Pro. Product colour: Black | Vendor Homepage: <https://www.asus.com/laptops/for-work/expertbook/expertbook-b5-b5604/> | Efficient cores: 8 | Efficient-core base frequency: 0.7 | Efficient-core Max Turbo Frequency: 3.6 | Low Power Efficient-core Base Frequency: 700 | Low Power Efficient-core Max Turbo Frequency: 2.5 | Low Power Efficient-cores: 2 | Maximum turbo power: 115 | Performance cores: 4 | Performance-core base frequency: 1.2 | Performance-core Max Turbo Frequency: 4.5 | Processor base power: 28 | Processor boost frequency: 4.5 | Processor cache: 18 | Processor cache type: Smart Cache | Processor cores: 14 | Processor family: Intel Core Ultra 5 | Processor generation: Intel® Core™ Ultra (Series 1) | Processor manufacturer: Intel | Processor model: 125H | Processor threads: 18 | Anti-glare screen: Yes | Colour gamut: 45 | Contrast ratio (typical): 1000:1 | Display brightness: 300 | Display diagonal: 16 | Display resolution: 1920 x 1200 | HD type: WUXGA | LED backlight: Yes |

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Maximum refresh rate: 60 | Native aspect ratio: 16:10 | RGB colour space: NTSC | Touchscreen: No | Certified refurbished: No | Colour name: Star Black | Form factor: Clamshell | Housing material: Aluminium,Magnesium | Market positioning: Work | Product colour: Black | Product type: Laptop | AI software frameworks supported by NPU: DirectML/ONNX RT/OpenVINO/Windows ML | Copilot+ PC: No | Neural processor unit (NPU): Intel AI Boost | Sparsity support: Yes | Windows Studio effects support: Yes | Internal memory: 16 | Internal memory type: DDR5-SDRAM | Maximum internal memory: 64 | Memory form factor: SO-DIMM | Memory slots: 2x SO-DIMM | M.2 SSD size: 2280 (22 x 80 mm) | Number of SSDs installed: 1 | NVMe: Yes | Optical drive type: No | SSD capacity: 512 | SSD form factor: M.2 | SSD interface: PCI Express 4.0 | Storage media: SSD | Total SSDs capacity: 512 | Total storage capacity: 512 | Discrete graphics card: No | Discrete graphics card model: Not available | On-board GPU manufacturer: Intel | On-board graphics card: Yes | On-board graphics card family: Intel Arc Graphics | On-board graphics card model: Intel Arc Graphics | Audio system: Dolby Atmos | Built-in microphone: Yes | Front camera: Yes | Front camera HD type: Full HD | Front camera resolution: 1920 x 1080 | Infrared (IR) camera: Yes | Privacy camera: Yes | Privacy type: Privacy shutter | Antenna type: 2x2 | Bluetooth: Yes | Bluetooth version: 5.3 | Ethernet LAN: Yes | Ethernet LAN data rates: 10/100/1000 | Mobile network connection: No | Top Wi-Fi standard: Wi-Fi 6E (802.11ax) | Wi-Fi standards: Wi-Fi 6E (802.11ax) | Combo headphone/mic port: Yes | Ethernet LAN (RJ-45) ports: 1 | HDMI ports quantity: 1 | HDMI version: 2.1 | Intel® Thunderbolt 4: Yes | SmartCard slot: Yes | Thunderbolt 4 ports quantity: 2 | USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity: 2 | USB Type-C DisplayPort Alternate Mode: Yes | Repairability index: 9.6 | Keyboard backlit: Yes | Numeric keypad: Yes | Pointing device: Touchpad | Operating system architecture: 64-bit | Operating system installed: Windows 11 Pro | Trial software: 1-month trial for new Microsoft 365 customers. Credit card required, McAfee 30 days | Battery capacity: 63 | Battery technology: Lithium-Ion (Li-Ion) | Number of battery cells: 3 | AC adapter frequency: 50 - 60 | AC adapter input voltage: 100 - 240 | AC adapter output current: 3.25 | AC adapter output voltage: 20 | AC adapter power: 65 | USB Power Delivery (USB PD): Yes | USB Type-C charging port: Yes | Cable lock slot: Yes | Cable lock slot type: Kensington | Face recognition: Yes | Fingerprint reader: Yes | Password protection: Yes | Password protection type: BIOS/HDD/User | Smart card reader: Yes | Trusted Platform Module (TPM): Yes | Trusted Platform Module (TPM) version: 2.0 | Windows Hello: Yes | Compliance certificates: REACH | Sustainability certificates: ENERGY STAR/EPEAT Gold/Forest Stewardship Council (FSC) Recycled | Sustainability compliance: Yes | Depth: 254.3 | Height (front): 18.9 | Height (rear): 22.9 | Width: 358 | AC adapter included: Yes | NB Family name: ExpertBook | Units per Shipping Box: 1 | Unit Calculated Volume: 0.009773/0.01242 | Unit Calculated Weight: 3.06

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