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**Notebook ASUS  
ExpertBook  
B5405CVA-  
LY0595XA CPU  
Intel Core 5  
120U 14 1920 x  
1200 pixels RAM  
16 GB DDR5-  
SDRAM SSD 256  
GB Discrete  
graphics Not  
available On-  
board graphics  
Yes Keyboard  
language  
Estonian OS  
installed  
Windows 11 Pro  
Education Smart  
card reader Yes**

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The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.

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# Colour Grey

## Weight 1.44 kg

### 90NX08G1- M00NX0



Model: 90NX08G1-M00NX0

Manufacturer: ASUS

EAN: 4711636407250

Product Code: 311291

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# R17,451

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#### Smart, secure AI power for business

ASUS ExpertBook B5 is a lightweight, AI-enhanced marvel that combines the latest Intel® Core™ Ultra processor with Intel vPro® and built-in Intel® Arc™ graphics<sup>1</sup>, ushering in a new era of productivity. It is your reliable business partner with superb on-the-go performance, enterprise-grade security and versatile customization for strategic-thinking professionals — and infused with AI to make lighter work of the modern business world.

ASUS ExpertBook B5 also workforce computing deployments by seamlessly delivering customized solutions and supporting a variety of flexible configurations to meet specific needs, with options. This ultralight, premium design strikes the perfect balance of power and portability to precisely tackle intensive workflows and perfectly turbocharge productivity from the field to the boardroom.

- Windows 11 Pro Education 64-bit
- Intel Core 5 120U (12MB Cache)
- 35.6 cm (14") WUXGA 1920 x 1200
- 16GB DDR5-SDRAM & 256GB SSD

Summary: ASUS ExpertBook B5 B5405CVA-LY0595XA. Product type: Laptop, Form factor: Clamshell.

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Processor family: Intel Core 5, Processor model: 120U. Display diagonal: 35.6 cm (14"), HD type: WUXGA, Display resolution: 1920 x 1200 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 256 GB, Storage media: SSD. On-board graphics card model: Intel® Graphics. Operating system installed: Windows 11 Pro Education. Product colour: Grey. Weight: 1.44 kg | Vendor Homepage: <https://www.asus.com/laptops/for-work/expertbook/asus-expertbook-b5-b5405> | Efficient cores: 8 | Efficient-core base frequency: 0.9 | Efficient-core Max Turbo Frequency: 3.8 | Maximum turbo power: 55 | Performance cores: 2 | Performance-core base frequency: 1.4 | Performance-core Max Turbo Frequency: 5 | Processor base power: 15 | Processor boost frequency: 5 | Processor cache: 12 | Processor cache type: Smart Cache | Processor cores: 10 | Processor family: Intel Core 5 | Processor generation: Intel Core (Series 1) | Processor manufacturer: Intel | Processor model: 120U | Processor threads: 12 | Anti-glare screen: Yes | Colour gamut: 45 | Contrast ratio (typical): 1000:1 | Display brightness: 300 | Display diagonal: 14 | Display resolution: 1920 x 1200 | HD type: WUXGA | LED backlight: Yes | Maximum refresh rate: 60 | Native aspect ratio: 16:10 | RGB colour space: NTSC | Touchscreen: No | Colour name: Gentle Grey | Form factor: Clamshell | Housing material: Aluminium | Market positioning: Work | Product colour: Grey | Product type: Laptop | AI software frameworks supported by NPU: DirectML/ONNX RT/OpenVINO/WebNN/Windows ML | Neural processor unit (NPU): Intel AI Boost | Sparsity support: Yes | Windows Studio effects support: Yes | Internal memory: 16 | Internal memory type: DDR5-SDRAM | Memory form factor: SO-DIMM | Memory slots: 2x SO-DIMM | Card reader integrated: Yes | Compatible memory cards: MicroSD (TransFlash) | M.2 SSD size: 2280 (22 x 80 mm) | Number of SSDs installed: 1 | NVMe: Yes | Optical drive type: No | SSD capacity: 256 | SSD form factor: M.2 | SSD interface: PCI Express 4.0 | Storage media: SSD | Total SSDs capacity: 256 | Total storage capacity: 256 | 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® Graphics | On-board graphics card model: Intel® Graphics | Audio system: Dirac | Front camera: Yes | Front camera HD type: Full HD | Infrared (IR) camera: Yes | Privacy camera: Yes | Privacy type: Privacy shutter | Antenna type: 2x2 | Bluetooth: Yes | Bluetooth version: 5.4 | Ethernet LAN: Yes | Ethernet LAN data rates: 1000 | Mobile network connection: No | Top Wi-Fi standard: Wi-Fi 6 (802.11ax) | Wi-Fi standards: Wi-Fi 6 (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 | Thunderbolt 4 ports quantity: 2 | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity: 2 | USB Type-C DisplayPort Alternate Mode: Yes | Keyboard backlit: Yes | Keyboard language: Estonian | Numeric keypad: No | Pointing device: Touchpad | Operating system architecture: 64-bit | Operating system installed:

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Windows 11 Pro Education | Trial software: 1-month trial for new Microsoft 365 customers. Credit card required. | 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 | USB Type-C required charging power (max): 65 | USB Type-C required charging power (min): 55 | Cable lock slot: Yes | Cable lock slot type: Kensington | 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 | Depth: 226.8 | Height (front): 17.5 | Height (rear): 17.9 | Weight: 1440 | Width: 315.1 | AC adapter included: Yes | NB Family name: ExpertBook | Model name: B5405CVA-LY0595XA | Units per Pallet: 0 | Units per Shipping Box: 1 | Unit Calculated Volume: 0.008127 | Unit Calculated Weight: 2.52

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