

ASUS ExpertBook B3 (B3404)

Overview Tech Specs Support

Viewing 1 - 3 of 3



Model	B3404CVA	B3404CMA	B3404CVF
Color	Star Black	Star Black	Star Black
Operating System	Windows 11 Pro - ASUS recommends Windows 11 Pro for business Non-preinstalled OS Windows 11 Home - ASUS recommends Windows 11 Pro for business Windows 11 Pro Education *Some devices for academic use will automatically be updated to Windows 11 Pro Education with the Windows 11 Anniversary Update. Features vary; see <a href="https://aka.ms/ProEducation">https://aka.ms/ProEducation</a> for Windows 11 Pro Education feature information. WIN10 Government(China)	Windows 11 Pro - ASUS recommends Windows 11 Pro for business Windows 11 Home - ASUS recommends Windows 11 Pro for business Non-preinstalled OS Windows 11 Pro Education *Some devices for academic use will automatically be updated to Windows 11 Pro Education with the Windows 11 Anniversary Update. Features vary; see <a href="https://aka.ms/ProEducation">https://aka.ms/ProEducation</a> for Windows 11 Pro Education feature information.	Windows 11 Pro - ASUS recommends Windows 11 Pro for business Windows 11 Pro Education *Some devices for academic use will automatically be updated to Windows 11 Pro Education with the Windows 11 Anniversary Update. Features vary; see <a href="https://aka.ms/ProEducation">https://aka.ms/ProEducation</a> for Windows 11 Pro Education feature information. Windows 11 Home - ASUS recommends Windows 11 Pro for business Non-preinstalled OS
Processor	Intel® Core™ i5-1340P processor 1.9 GHz (12M Cache, up to 4.6 GHz, 12 cores) Intel® Core™ i5-1335U Processor 1.3GHz (12M Cache, up to 4.6GHz, 10 cores) Intel® Core™ i5-1350P vPro® processor 1.9 GHz (12M Cache, up to 4.7 GHz, 12 cores) Intel® Core™ i7-1355U Processor 1.7GHz (12M Cache, up to 5GHz,10 cores) Intel® Core™ i7-1360P processor 2.2 GHz (18M Cache, up to 5.0 GHz, 12 cores) Intel® Core™ i3-1315U Processor 1.2GHz (10M Cache, up to 4.5GHz, 6 cores) Intel® Core™ 7 Processor 150U 1.8 GHz (12MB Cache, up to 5.4 GHz, 10 Cores) Intel® Core™ i5-1345U vPro® Processor 1.6GHz (12M Cache, up to 4.7 GHz,10 cores) Intel® Core™ i7-1370P vPro® processor 1.9 GHz (24M Cache, up to 5.2 GHz, 14 cores) Intel® Core™ 5 Processor 120U 1.4 GHz (12MB Cache, up to 5.0 GHz, 10 Cores) Intel® Core™ 3 Processor 100U 1.2 GHz (10MB Cache, up to 4.7 GHz, 6 Cores) Intel vPro® Essentials with Intel® Core™ i5-1340P processor 1.9 GHz (12M Cache, up to 4.6 GHz, 12 cores) Intel vPro® Essentials with Intel® Core™ i7-1360P processor 2.2 GHz (18M Cache, up to 5.0 GHz, 12 cores) Intel® Core™ i7-1365U vPro® Processor 1.8GHz (12M Cache, up to 5.2GHz,10 cores)	Intel® Core™ Ultra 5 Processor 125U 1.3 GHz (12MB Cache, up to 4.3 GHz, 12 Cores); Intel® AI Boost NPU Intel® Core™ Ultra 7 Processor 155U 1.7 GHz (12MB Cache, up to 4.8 GHz, 12 Cores); Intel® AI Boost NPU Intel® Core™ Ultra 5 Processor 125H 1.2 GHz (18MB Cache, up to 4.5 GHz, 14 Cores); Intel® AI Boost NPU Intel® Core™ Ultra 7 Processor 155H 1.4 GHz (24MB Cache, up to 4.8 GHz, 16 Cores); Intel® AI Boost NPU Intel® Core™ Ultra 7 vPro® processor 165H 1.4 GHz (24M Cache, up to 5.0 GHz, 16 cores); Intel® AI Boost NPU Intel vPro® Essentials with Intel® Core™ Ultra 5 processor 125H 1.2 GHz (18M Cache, up to 4.5 GHz, 14 cores); Intel® AI Boost NPU Intel vPro® Essentials with Intel® Core™ Ultra 7 processor 155H 1.4 GHz (24M Cache, up to 4.8 GHz, 16 cores); Intel® AI Boost NPU Intel® Core™ Ultra 5 vPro® processor 135H 1.7 GHz (18M Cache, up to 4.6 GHz, 14 cores); Intel® AI Boost NPU	Intel® Core™ i7-1355U Processor 1.7GHz (12M Cache, up to 5GHz,10 cores) Intel® Core™ i5-1335U Processor 1.3GHz (12M Cache, up to 4.6GHz, 10 cores) Intel® Core™ i3-1315U Processor 1.2GHz (10M Cache, up to 4.5GHz, 6 cores)
Graphics	Intel® UHD Graphics Intel Iris X® Graphics (available for Intel® Core™ i5/i7/i9 with dual channel memory) Intel® Graphics	Intel® Graphics Intel® Arc™ Graphics(available for Intel® Core™ Ultra H 5/7/9 with dual channel memory)	Intel® UHD Graphics, NVIDIA® GeForce® RTX 2050
Display	Non-touch screen, 14.0-inch, WUXGA (1920 x 1200) 16:10, Wide view, Anti-glare display, LED Backlit, 300nits, NTSC: 45%, Screen-to-body ratio:84 % Touch screen, 14.0-inch, WUXGA (1920 x 1200) 16:10, Wide view, Anti-glare display, LED Backlit, 300nits, NTSC: 45%, Screen-to-body ratio:84 %, With stylus support Non-touch screen, 14.0-inch, WQXGA (2560 x 1600) 16:10, Wide view, Anti-glare display, LED Backlit, 500nits, DCI-P3: 100%, Screen-to-body ratio:84 % Touch screen, 14.0-inch, WQXGA (2560 x 1600) 16:10, Wide view, Anti-glare display, LED Backlit, 500nits, DCI-P3: 100%, Screen-to-body ratio:84 %, With stylus support	Touch screen, 14.0-inch, WUXGA (1920 x 1200) 16:10, Wide view, Anti-glare display, LED Backlit, 300nits, NTSC: 45%, Screen-to-body ratio:84 %, With stylus support Non-touch screen, 14.0-inch, WUXGA (1920 x 1200) 16:10, Wide view, Anti-glare display, LED Backlit, 300nits, NTSC: 45%, Screen-to-body ratio:84 % Non-touch screen, 14.0-inch, WQXGA (2560 x 1600) 16:10, Wide view, Anti-glare display, LED Backlit, 500nits, DCI-P3: 100%, Screen-to-body ratio:84 % Touch screen, 14.0-inch, WQXGA (2560 x 1600) 16:10, Wide view, Anti-glare display, LED Backlit, 500nits, DCI-P3: 100%, Screen-to-body ratio:84 %, With stylus support	Non-touch screen, 14.0-inch, WUXGA (1920 x 1200) 16:10, Wide view, Anti-glare display, LED Backlit, 300nits, NTSC: 45%, Screen-to-body ratio:84 % Non-touch screen, 14.0-inch, WQXGA (2560 x 1600) 16:10, Wide view, Anti-glare display, LED Backlit, 500nits, DCI-P3: 100%, Screen-to-body ratio:84 % Touch screen, 14.0-inch, WUXGA (1920 x 1200) 16:10, Wide view, Anti-glare display, LED Backlit, 300nits, NTSC: 45%, Screen-to-body ratio:84 %, With stylus support Touch screen, 14.0-inch, WQXGA (2560 x 1600) 16:10, Wide view, Anti-glare display, LED Backlit, 500nits, DCI-P3: 100%, Screen-to-body ratio:84 %, With stylus support
Memory	16GB DDR5 SO-DIMM, Memory Max Up to:32GB 16GB DDR5 SO-DIMM x 2, Memory Max Up to:32GB 8GB DDR5 SO-DIMM x 2, Memory Max Up to:32GB 8GB DDR5 SO-DIMM, Memory Max Up to:32GB	8GB DDR5 SO-DIMM x 2, Memory Max Up to:32GB 16GB DDR5 SO-DIMM, Memory Max Up to:32GB 16GB DDR5 SO-DIMM x 2, Memory Max Up to:32GB 8GB DDR5 SO-DIMM, Memory Max Up to:32GB	16GB DDR5 SO-DIMM x 2, Memory Max Up to:32GB 8GB DDR5 SO-DIMM, Memory Max Up to:32GB 16GB DDR5 SO-DIMM, Memory Max Up to:32GB 8GB DDR5 SO-DIMM x 2, Memory Max Up to:32GB

	32GB DDR5 SO-DIMM, Memory Max Up to:32GB		
Storage	512GB M.2 2280 NVMe™ PCIe® 4.0 Performance SSD 256GB M.2 2280 NVMe™ PCIe® 4.0 SSD 512GB M.2 2280 NVMe™ PCIe® 4.0 SSD 1TB M.2 2280 NVMe™ PCIe® 4.0 SSD 512GB M.2 2280 NVMe™ PCIe® 4.0 SSD, TCG Opal 2.0 self-encrypting drive (SED)	512GB M.2 2280 NVMe™ PCIe® 4.0 SSD, TCG Opal 2.0 self-encrypting drive (SED) 512GB M.2 2280 NVMe™ PCIe® 4.0 SSD 512GB M.2 2230 NVMe™ PCIe® 4.0 SSD 1TB M.2 2280 NVMe™ PCIe® 4.0 SSD 256GB M.2 2280 NVMe™ PCIe® 4.0 SSD 512GB M.2 2280 NVMe™ PCIe® 4.0 SSD + 512GB M.2 2230 NVMe™ PCIe® 4.0 SSD(RAID0) 1TB M.2 2280 NVMe™ PCIe® 4.0 Performance SSD 512GB M.2 2280 NVMe™ PCIe® 4.0 Performance SSD 128GB M.2 2280 NVMe™ PCIe® 4.0 SSD	1TB M.2 2280 NVMe™ PCIe® 4.0 SSD 1TB M.2 2280 NVMe™ PCIe® 4.0 Performance SSD 256GB M.2 2280 NVMe™ PCIe® 4.0 SSD 512GB M.2 2280 NVMe™ PCIe® 4.0 SSD 512GB M.2 2280 NVMe™ PCIe® 4.0 SSD, TCG Opal 2.0 self-encrypting drive (SED) 512GB M.2 2280 NVMe™ PCIe® 4.0 Performance SSD
I/O Ports	1x USB 3.2 Gen 2 Type-C support power delivery 2x USB 3.2 Gen 2 Type-A 1x Thunderbolt™ 4, compliant with USB4, supports display / power delivery 1x HDMI 2.1 TMDS 1x 3.5mm Combo Audio Jack 1x RJ45 Gigabit Ethernet Smart card reader	2x USB 3.2 Gen 2 Type-A 2x Thunderbolt™ 4, compliant with USB4, supports display / power delivery 1x HDMI 2.1 TMDS 1x 3.5mm Combo Audio Jack 1x RJ45 Gigabit Ethernet Smart card reader	1x USB 3.2 Gen 2 Type-C support power delivery 2x USB 3.2 Gen 2 Type-A 1x Thunderbolt™ 4, compliant with USB4, supports display / power delivery 1x HDMI 2.1 TMDS 1x 3.5mm Combo Audio Jack 1x RJ45 Gigabit Ethernet Smart card reader
Expansion Slots(includes used)	2x DDR5 SO-DIMM slots 1x M.2 2280 PCIe 4.0x4	2x DDR5 SO-DIMM slots 1x M.2 2280 PCIe 4.0x4 1x M.2 2230 PCIe 4.0x4	2x DDR5 SO-DIMM slots 1x M.2 2280 PCIe 4.0x4
Keyboard & Touchpad	Backlit Chiclet Keyboard, 1.5mm Key-travel, Spill-resistant Keyboard Chiclet Keyboard, 1.5mm Key-travel, Spill-resistant Keyboard	Backlit Chiclet Keyboard, 1.5mm Key-travel, Spill-resistant Keyboard Chiclet Keyboard, 1.5mm Key-travel, Spill-resistant Keyboard	Backlit Chiclet Keyboard, 1.5mm Key-travel, Spill-resistant Keyboard Chiclet Keyboard, 1.5mm Key-travel, Spill-resistant Keyboard
Camera	1080p FHD camera with IR function to support Windows Hello With privacy shutter 720p HD camera	720p HD camera With privacy shutter 1080p FHD camera with IR function to support Windows Hello	720p HD camera With privacy shutter 1080p FHD camera with IR function to support Windows Hello
Audio	Audio by Dirac Built-in speaker Built-in array microphone	Audio by Dirac Built-in speaker Built-in array microphone	Audio by Dirac Built-in speaker Built-in array microphone
Network and Communication	Wi-Fi 6E(802.11ax) (Dual band) 2*2 + Bluetooth® 5.3 Wireless Card Wi-Fi 6(802.11ax) (Dual band) 2*2 + Bluetooth® 5.2 Wireless Card Wi-Fi 6E(802.11ax) (Dual band) 2*2 + Bluetooth® 5.3 Wireless Card (Vpro)	Wi-Fi 6E(802.11ax) (Dual band) 2*2 + Bluetooth® 5.3 Wireless Card 4G LTE support (in selected territories) Wi-Fi 6(802.11ax) (Dual band) 2*2 + Bluetooth® 5.2 Wireless Card Wi-Fi 6E(802.11ax) (Dual band) 2*2 + Bluetooth® 5.3 Wireless Card (Vpro)	Wi-Fi 6E(802.11ax) (Dual band) 2*2 + Bluetooth® 5.3 Wireless Card Wi-Fi 6(802.11ax) (Dual band) 2*2 + Bluetooth® 5.2 Wireless Card
Battery	50WHrs, 3S1P, 3-cell Li-ion Long life rechargeable lithium polymer battery. 63WHrs, 3S1P, 3-cell Li-ion	50WHrs, 3S1P, 3-cell Li-ion Long life rechargeable lithium polymer battery. 63WHrs, 3S1P, 3-cell Li-ion	63WHrs, 3S1P, 3-cell Li-ion Long life rechargeable lithium polymer battery.
Power Supply	TYPE-C, 65W AC Adapter, Output: 20V DC, 3.25A, 65W, Input: 100~240V AC 50/60Hz universal	TYPE-C, 65W AC Adapter, Output: 20V DC, 3.25A, 65W, Input: 100~240V AC 50/60Hz universal	TYPE-C, 90W AC Adapter, Output: 20V DC, 4.5A, 90W, Input: 100~240V AC 50/60Hz universal
Weight	1.52 kg (3.35 lbs) 1.57 kg (3.46 lbs) 1.65 kg (3.64 lbs) 1.45 kg (3.20 lbs) 1.70 kg (3.75 lbs) 1.53 kg (3.37 lbs) 1.40 kg (3.09 lbs) 1.58 kg (3.48 lbs)	1.65 kg (3.64 lbs) 1.52 kg (3.35 lbs) 1.57 kg (3.46 lbs) 1.45 kg (3.20 lbs) 1.70 kg (3.75 lbs) 1.40 kg (3.09 lbs) 1.53 kg (3.37 lbs)	1.66 kg (3.66 lbs) 1.54 kg (3.40 lbs) 1.79 kg (3.95 lbs) 1.67 kg (3.68 lbs)
Dimensions (W x D x H)	31.37 x 22.68 x 1.99 ~ 1.99 cm (12.35" x 8.93" x 0.78" ~ 0.78")	31.37 x 22.68 x 1.99 ~ 1.99 cm (12.35" x 8.93" x 0.78" ~ 0.78")	31.37 x 22.68 x 2.39 ~ 2.39 cm (12.35" x 8.93" x 0.94" ~ 0.94")
Built-in Apps	MyASUS	MyASUS	MyASUS
MyASUS Features	System diagnosis Battery health charging Fan Profile Splendid Tru2Life Function key lock WiFi SmartConnect AppDeals Link to MyASUS	System diagnosis Battery health charging Fan Profile Splendid Tru2Life Function key lock WiFi SmartConnect AppDeals Link to MyASUS	System diagnosis Battery health charging Fan Profile Splendid Tru2Life Function key lock WiFi SmartConnect AppDeals Link to MyASUS
Military Grade	US MIL-STD 810H military-grade standard	US MIL-STD 810H military-grade standard	US MIL-STD 810H military-grade standard



Ecolabels & Compliances

TCO Certified EPEAT Gold Energy star 8.0 FSC Recycled RoHS REACH	TCO Certified EPEAT Gold Energy star 8.0 FSC Recycled RoHS REACH	TCO Certified EPEAT Gold Energy star 8.0 FSC Recycled RoHS REACH
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Security

HDD User Password Protection and Security BIOS Booting User Password Protection Trusted Platform Module (TPM) 2.0 BIOS setup user password Support Absolute Persistence 2.0 (Computrace) Fingerprint sensor integrated with Power Key Kensington Nano Security Slot™(6x 2.5mm) Trusted Platform Module (Firmware TPM)	HDD User Password Protection and Security BIOS Booting User Password Protection Trusted Platform Module (TPM) 2.0 BIOS setup user password Support Absolute Persistence 2.0 (Computrace) Kensington Nano Security Slot™(6x 2.5mm) Trusted Platform Module (Firmware TPM)	HDD User Password Protection and Security BIOS Booting User Password Protection Trusted Platform Module (TPM) 2.0 BIOS setup user password Support Absolute Persistence 2.0 (Computrace) Kensington Nano Security Slot™(6x 2.5mm) Trusted Platform Module (Firmware TPM)
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Included in the Box (Optional)

Wireless optical mouse Backpack Carry bag Wired optical mouse (USB) MPP 2.0 ASUS Pen	Wired optical mouse (USB) Carry bag MPP 2.0 ASUS Pen Backpack Wireless optical mouse	Wired optical mouse (USB) Carry bag MPP 2.0 ASUS Pen Backpack Wireless optical mouse
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Neural processor

Intel® AI Boost NPU



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- All specifications are subject to change without notice. Please check with your supplier for exact offers. Products may not be available in all markets.
- Specifications and features vary by model, and all images are illustrative. Please refer to specification pages for full details.
- PCB color and bundled software versions are subject to change without notice.
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- The terms HDMI and HDMI High-Definition Multimedia Interface, HDMI trade dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc. in the United States and other countries.

<sup>\*</sup>The Windows 11 upgrade will be delivered to qualifying devices late 2021 into 2022. Timing will vary by device. Certain features require specific hardware (see aka.ms/windows11-spec).

<sup>\*</sup>IPS stands for in-plane switching, a type of LED (a form of LCD) display panel technology.

Unless otherwise stated, all performance claims are based on theoretical performance. Actual figures may vary in real-world situations.

The actual transfer speed of USB 3.0, 3.1, 3.2, and/or Type-C will vary depending on many factors including the processing speed of the host device, file attributes and other factors related to system configuration and your operating environment.

Ultrabook, Celeron, Celeron Inside, Core Inside, Intel, Intel Logo, Intel Atom, Intel Atom Inside, Intel Core, Intel Inside, Intel Inside Logo, Intel vPro, Itanium, Itanium Inside, Pentium, Pentium Inside, vPro Inside, Xeon, Xeon Phi, and Xeon Inside are trade marks of Intel Corporation or its subsidiaries in the U.S. and/or other countries.

Product specifications may differ from country to country. We recommend that you check with your local dealers for the specifications of the products available in your country. Colors of products may not be perfectly accurate due to variations caused by photography and monitor settings. Due to photographic variables and conditions, actual product appearance may differ from images shown on this site. Although we endeavor to present the most accurate and comprehensive information at the time of publication, we reserve the right to make changes without prior notice.

- Price may not include extra fee, including tax · shipping · handling · recycling fee.
- For pricing information, ASUS is only entitled to set a recommendation resale price. All resellers are free to set their own price as they wish.

<sup>\*</sup> Result from Mobile Mark 2014 office productivity.

<sup>\*</sup> The testing regimen includes the requirements of both military-grade standards and ASUS quality tests, and varies depending on device. MIL-STD-810 testing is conducted on selected ASUS products only. These tests do not demonstrate fitness for military use, or adherence to US Department of Defense (DoD) contract requirements. Similarly, the test results should not be considered an indication or guarantee of future performance under the specified test conditions. Damage occurring under these test conditions – or any attempt to replicate them – would be considered accidental, and would not be covered by the standard ASUS warranty. Additional coverage is available with ASUS Premium Care.

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- Check Repair Status
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- Product Registration
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- ESG
- Environment

