

## ExpertBook B3 | B3404CVF

### Your reliable, flexible partner

ExpertBook B3 is your versatile partner for everyday office tasks packing the latest Intel® Core™ processors, discrete graphics, and a 16:10 display compatible with MPP 2.0 stylus for enabling productivity. Designed for flexible upgrading, it also offers configuration solutions including IR camera, fingerprint sensor, and smart card reader for multifactor authentication, and dual SO-DIMM for easy IT upgrades and boosted workload handling.



Intel® Core™  
processor



NVIDIA® GeForce®  
graphics



16:10  
aspect ratio



Dual  
SO-DIMM



IR camera<sup>1</sup>



Smart card  
reader<sup>1</sup>

### Productivity-first design for diverse work scenarios

- Up to Intel® Core™ i7 processor
- NVIDIA® GeForce® RTX 2050 discrete graphics
- Dual SO-DIMM up to 32GB DDR5
- Up to 1TB PCIe® 4.0 SSD
- 16:10 touchscreen<sup>1</sup> display with NanoEdge bezels
- Comprehensive I/O ports including Thunderbolt™ 4 USB-C, HDMI
- Up to 10 hours all-day battery life<sup>2</sup>

### Configuration solutions for flexible upgrading

- Multifactor authentication with fingerprint sensor (on power button)<sup>1</sup>, FHD IR camera<sup>1</sup>, and smart card reader<sup>1</sup>
- ASUS management solutions<sup>1</sup> (ASUS Control Center, ASUS Business Manager, Image Maker)
- Anti-glare panel up to WQXGA<sup>1</sup> resolution

### Reliable for businesses and the environment

- Webcam shield, Kensington Nano Security Slot™, TPM 2.0<sup>1</sup>
- Tested to US military-grade MIL-STD-810H standards
- Crafted with PCR and PIR materials
- Compliant with EPEAT Gold (TBD), Energy Star 8.0, TCO 9.0, FSC Recycle<sup>3</sup>
- Backed by ASUS Carbon Offset services<sup>3</sup>

<sup>1</sup>OPTIONAL FEATURE, MAY VARY BY MODEL, SPECIFICATION, OR REGION.

<sup>2</sup>ACTUAL BATTERY PERFORMANCE MAY VARY DEPENDING ON PRODUCT CONFIGURATION, USAGE, OPERATIONAL CONDITIONS AND POWER MANAGEMENT SETTINGS. BATTERY LIFE WILL DECREASE OVER THE LIFETIME OF THE BATTERY.

<sup>3</sup>ECO-LABEL CERTIFICATIONS ARE STILL UNDER PROGRESS AT TIME OF PUBLISHING THIS DOCUMENT. PLEASE CHECK WITH YOUR ASUS REPRESENTATIVE PRIOR TO SHARING ANY INFORMATION PUBLICLY.

### Warranty and Support



Up to 5-year international warranty available<sup>1</sup>  
Warranty policies vary by country.



Pick up & return service<sup>1</sup>  
Enjoy door-to-door service including pick up, repair, and return.



MyASUS  
Contact customer service, view repair status, read product guides and more.

# SPECIFICATIONS

Model	ExpertBook B3 (B3404CVF)
Operating system	Windows 11 Pro/ Home 64-bit Windows 11 Pro Education 64-bit Windows 11 pure OS (by request) Windows 11 Pro 64-bit with Driver WHQL support Without OS
Processor	Intel® Core™ i7-1355U processor 1.8 GHz (12M cache, up to 5.1 GHz, 10 cores) Intel® Core™ i5-1335U processor 1.6 GHz (12M cache, up to 4.6 GHz, 10 cores) Intel® Core™ i3-1315U processor 1.5 GHz (10M cache, up to 4.5 GHz, 6 cores)
Graphics	NVIDIA® GeForce® RTX 2050 w/4GB GDDR6 VRAM Support
Memory	2 x SO-DIMM slots up to 32GB DDR5 5200 MHz SO-DIMM: 8GB/16GB/32GB DDR5 5200 MHz Up to 1TB NVMe M.2 PCIe® SSD
Storage	1 x M.2 2280 SSD 128GB/256GB/512GB/1TB M.2 PCIe® 4.0 Value SSD 512GB/1TB M.2 PCIe® 4.0 Performance SSD 256GB/512GB M.2 NVMe SED SSD
Display	<b>Non-touch</b> 14" WUXGA (1920 x 1200), Value-IPS, 16:10, wide view, anti-glare, 300 nits 14" WQXGA (2560 x 1600), IPS, 16:10, wide view, anti-glare, 500 nits, 100% DCI-P3 <b>Touch</b> 14" WUXGA (1920 x 1200), Value-IPS, 16:10, touch screen, wide view, anti-glare + anti-fingerprint, 300 nits, stylus support 14" WQXGA (2560 x 1600), IPS, 16:10, touch screen, wide view, anti-glare + anti-fingerprint, 500 nits, 100% DCI-P3, stylus support
Stylus	ASUS Pen 2.0 SA203H (optional, touchscreen only) Non-garaged stylus
I/O ports	1 x Thunderbolt™ 4 USB-C™ 1 x USB 3.2 Gen 2 Type C 2 x USB 3.2 Gen 2 Type-A (one support BC1.2) 1 x HDMI 2.1 1 x Combo audio jack 1 x Kensington Nano Security Slot™ 1 x RJ45 1 x Smart card reader (optional)
Camera	720P HD with webcam shield 1080P FHD+IR with webcam shield Windows Studio Effects
Wireless	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
Audio	2 x Dirac speakers, Array microphone, ASUS AI noise-canceling technology
Weight	From 1.54kg
Dimensions (WxDxH)	313.7*226.8*23.95 mm
Battery	63Wh, 3-cell polymer battery
Security	Kensington Nano Security Slot™, webcam shield, fingerprint sensor (optional), TPM 2.0 (optional), smart card reader (optional)
Keyboard and touchpad	Full-size keyboard with 1.5 mm key travel, backlit (optional), spill-resistant to 60cc (quantity used during testing, with duration of 3 minutes)
NumberPad	Not available
Featured software	ASUS Control Center (optional), ASUS Business Manager, MyASUS
AC adapter	90W AC Adapter, USB Type-C Output: 20V DC, 4.5A, 90W, Input: 100~240V AC 50/60Hz universal
Energy efficiency compliance	EPEAT Gold (TBD) , Energy Star 8.0, TCO 9.0, FSC Recycle

DISCLAIMER: SPECIFICATIONS VARY BETWEEN DIFFERENT REGIONS. SERVICE AND WARRANTY COVERAGE DEPEND ON COUNTRY AND TERRITORY AND MAY NOT BE AVAILABLE IN ALL MARKETS.

## Recommended Accessories



ASUS SimPro Dock 2



ASUS SA203H Stylus

# Change log

March, 2025
Revise “3 – years global warranty” to “Up to 5-year international warranty available”
Added disclaimer → Warranty policies vary by country