ExpertBook B3 | B3604CVA

Your reliable, flexible partner

ExpertBook B3 is your versatile partner for everyday office tasks, packing the latest Intel® Core™ processors, vPro® support, 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.

CPU Intel® Core™ processor	**Full I/O ports**
16:10 aspect ratio	**Dual SO-DIMM**
IR camera[1]	**Smart card reader[1]**

Productivity-first design for diverse work scenarios
- Up to Intel® Core™ 7 processor
- Dual SO-DIMM up to 32GB DDR5
- Up to 1TB PCIe® 4.0 SSD
- 16:10 touchscreen[1] display with NanoEdge bezels
- Comprehensive I/O ports including Thunderbolt™ 4 USB-C, HDMI
- Up to 9.5 hours all-day battery life[2]

Configuration solutions for flexible upgrading
- Multifactor authentication with fingerprint sensor (on power button)[1], FHD IR camera[1], and smart card reader[1]
- Intel vPro® support[1] and ASUS management solutions[1] (ASUS Control Center, ASUS Business Manager, Image Maker)
- Anti-glare panel up to WQXGA[1] resolution

Reliable for businesses and the environment
- Webcam shield, Kensington Nano Security Slot™, TPM 2.0[1]
- 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[3]
- Backed by ASUS Carbon Offset services[3]

[1]OPTIONAL FEATURE, MAY VARY BY MODEL, SPECIFICATION, OR REGION.
[2]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.
[3]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

3-year global warranty
100% free of charge, with no hidden costs.

Pick up & return service
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 (B3604CVA)
Operating system	Windows 11 Pro/Pro Education/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™ 7 processor 150U (vPro® Essential) Intel® Core™ 5 processor 120U (vPro® Essential) Intel® Core™ 7 processor 150U Intel® Core™ 5 processor 120U Intel® Core™ 3 processor 100U Intel® Core™ i7-1355U processor 1.7 GHz (12MB cache, up to 5.0 GHz, 10 cores) Intel® Core™ i5-1335U processor 1.3 GHz (12MB cache, up to 4.6 GHz, 10 cores) Intel® Core™ i3-1315U processor 1.2 GHz (10MB cache, up to 4.5 GHz, 6 cores) Intel® Core™ i7-1370P processor 2.2 GHz (24M cache, up to 5.2 GHz, 14 cores) (vPro® Enterprise) Intel® Core™ i5-1350P processor 1.9 GHz (12M cache, up to 4.7 GHz, 12 cores) (vPro® Enterprise) Intel® Core™ i7-1360P processor 2.2 GHz (18M cache, up to 5.0 GHz, 12 cores) (vPro® Essential) Intel® Core™ i5-1340P processor 1.9 GHz (12M cache, up to 4.6 GHz, 12 cores) (vPro® Essential) Intel® Core™ i7-1360P processor 2.2 GHz (18M cache, up to 5.0 GHz, 12 cores) Intel® Core™ i5-1340P processor 1.9 GHz (12M cache, up to 4.6 GHz, 12 cores)
Graphics	**Raptor Lake CPU** Intel® Iris® Xe Graphics for Intel® Core™ i5/i7 with 128-bit (dual channel) memory populated Intel® UHD Graphics for Intel® Core™ with 64-bit memory populated **Raptor Lake Refresh CPU** Intel® Graphics for Intel® Core™ with 64-bit memory populated
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 M2.2 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	**Non-touch** 16" WUXGA (1920 x 1200), Value-IPS, 16:10, wide view, anti-glare, 300 nits 16" WQXGA (2560 x 1600), IPS, 16:10, wide view, anti-glare, 500 nits, 100% DCI-P3 **Touch** 16" WUXGA (1920 x 1200), Value-IPS, 16:10, touch screen, wide view, anti-glare + anti-fingerprint, 300 nits, stylus support 16" 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 1.79kg
Dimensions (WxDxH)	358*254.27*20.35 mm
Battery	50Wh, 3-cell polymer 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	65W AC Adapter, USB Type-C Output: 20V DC, 3.25A, 65W / Input: 100-240V AC, 50/60Hz universal
Energy efficiency compliance	EPEAT Gold (TBD), Energy Star 8.0, TCO 9.0, FSC Recycle

Recommended Accessories

ASUS SimPro Dock 2

ASUS SA203H Stylus

ASUS ExpertBook