

# 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.



Intel® Core™ processor



Full I/O ports



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™ 7 processor
- 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 9.5 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>
- Intel vPro® support<sup>1</sup> and 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\*  
Warranty policies vary by country.



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.

Model	B3604CVA / 90NX07B1-M01B20
Operating System	Non-preinstalled OS
LCD cover-material	Aluminum
LCD cover-color	Star Black
Top case-material	Plastic
Top case-color	Star Black
Bottom case-material	Plastic
Bottom case-color	Black
Military grade	US MIL-STD 810H military-grade standard
Panel Size	16.0-inch
Backlit	LED Backlit
Brightness	300nits
Resolution	WUXGA (1920 x 1200) 16:10
Glare	Anti-glare display
Color gamut	NTSC: 45%
View angle(H/V)	178/178
Response time(Typ/Max) (ms)	11/9
Refresh rate	60Hz
Contrast (Typ)	1000:1
Touch Panel	Non-touch screen
Screen-to-body ratio	85 %
IPS-level	Wide view
Processor	Intel® Core™ i5-1340P Processor 1.9 GHz (12MB Cache, up to 4.6 GHz, 12 cores, 16 Threads)
Chipset	N/A
Discrete/Share	Share
Integrated GPU	Intel® UHD Graphics
VRAM	N/A

<b>How to upgrade memory</b>	Upgradable; Need to remove bottom/top case
<b>Expansion Slot(includes used)</b>	2x DDR5 SO-DIMM slots 1x M.2 2280 PCIe 4.0x4
<b>DIMM Memory</b>	8GB DDR5 SO-DIMM
<b>Total System Memory</b>	DDR5 8GB
<b>Storage</b>	512GB M.2 2280 NVMe™ PCIe® 4.0 SSD
<b>Front-facing camera</b>	720p HD camera With privacy shutter
<b>Wireless</b>	Wi-Fi 6E(802.11ax) (Triple band) 2*2 + Bluetooth® 5.4 Wireless Card
<b>NumberPad</b>	N/A
<b>FingerPrint</b>	FingerPrint
<b>Keyboard type</b>	Backlit Chiclet Keyboard with Num-key
<b>I/O ports</b>	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
<b>Audio</b>	Audio by Dirac Built-in speaker Built-in array microphone
<b>Battery</b>	50WHrs, 3S1P, 3-cell Li-ion
<b>AC Adapter</b>	TYPE-C, 65W AC Adapter, Output: 20V DC, 3.25A, 65W, Input: 100~240V AC 50/60Hz universal
<b>Required charging power</b>	Min: 55W Max: 65W *The indicated wattage is for demonstrating the system's support capability as required by EU regulations. For optimal system performance, please use the standard-wattage adapter or higher.
<b>Dimension (WxHxD)</b>	35.80 x 25.43 x 2.03 ~ 2.03 cm (14.09" x 10.01" x 0.80" ~ 0.80")
<b>Weight (with Battery)</b>	1.90 kg (4.19 lbs)
<b>Weight (w/o Battery)</b>	1.71 kg (3.77 lbs)
<b>Security</b>	Fingerprint sensor integrated with Power Key Kensington Nano Security Slot™(6x 2.5mm) BIOS Booting User Password Protection BIOS setup user password HDD User Password Protection and Security Support Absolute Persistence 2.0 (Computrace) Trusted Platform Module (Firmware TPM) N/A

<b>MyASUS feature</b>	System diagnosis Battery health charging Fan Profile Splendid Tru2Life Function key lock WiFi SmartConnect AppDeals Link to MyASUS
<b>Built-in Apps</b>	MyASUS
<b>Disclaimer for Built-in Apps</b>	Built-in Apps vary from OS SKU.  *MyASUS/McAfee don't support in Pure OS/without OS/G sku/Win SE/Windows on ARM/Linux OS (ex. Endless, Kylin, Ubuntu)
<b>Reparability Index (for France)</b>	9.5
<b>Ecolabels &amp; Compliances</b>	EPEAT Gold Energy star 8.0 FSC Mix REACH RoHS TCO Certified
<b>Base Warranty</b>	3Y Pick up/ return
<b>Recommended Warranty Package Part number//Extension and/or upgrade service from base warranty</b>	ACX13-007003NX//3Y OnSite Service(Next Business Day)*upgrade ACX13-007023NX//2Y Extension; 5Y OnSite Service(Next Business Day)*upgrade ACX14-017300NX//3Y HDD Retention*upgrade ACX15-011800NX//3Y OnSite Service(Next Business Day); 3Y Accidental Damage Protection*; 3Y HDD_Retention*upgrade *If you would like to know the details, please contact your sales teams.
<b>Battery warranty</b>	Commercial NB B series Battery warranty follow system warranty, 4Y-5Y by WEP option.
<b>Sustainable Material_Top cover(A part)</b>	50% PIR recycled aluminum
<b>Sustainable Material_Keyboard frame (C part)</b>	30% PCR recycled plastic(cover or inner frame)
<b>Sustainable Material_Bottom cover (D part)</b>	35% PCR recycled plastic(cover or inner frame)
<b>Sustainable Material_Keyboard</b>	50% PCR recycled plastic cap
<b>Sustainable Material_Speaker</b>	45% PCR + 5% OBP PCR recycled plastic enclosure
<b>Sustainable Material_Total PCR recycled plastic</b>	30.8%