

ExpertBook P1 | P1503CVA

Elevate your efficiency, anywhere

The ASUS ExpertBook P1 blends AI capabilities with a sleek design, tailored for modern home office or administrative workers. Equipped with Intel Core processors, it features AI-driven productivity tools, exceptional audio/video quality, and strong security with Windows 11 Secured-core and TPM 2.0. Its durable build make it a reliable choice for demanding work environments.



Ultimate portability for on the go professionals

- Lightweight from 1.6kg
- MIL-STD-810H tested
- ASUS AI audio technology
- Up to **10** hours battery life¹

Exceptional daily task performance

- Up to Intel® Core™ i7 RPL H45
- Supports up to 64GB DDR5
- Dual SSD for up to 1TB PCIe® 4.0 SSD
- Full I/O ports including 2 x Type-C and 2 x Type-A
- Up to 16:9 Full HD anti-glare, 300nits, IPS display

Commercial-grade security and manageability

- Microsoft secured-core technologies
- Biometric login with fingerprint sensor
- ASUS management solutions* (ASUS Control Center)

Sustainable for an incredible future

- Crafted with PCR materials
- Compliant with EPEAT Gold Climate +, Energy Star 8.0, TCO 9.0, FSC Recycle, WEEE, RoHS, TÜV Rheinland



Intel® Core™ processor



Sustainable design



16:9 aspect ratio



180° lay-flat hinge



Copilot key



ASUS AI noise-canceling

*OPTIONAL FEATURE, MAY VARY BY MODEL, SPECIFICATION, OR REGION.

¹ACTUAL 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.

²CERTIFICATIONS 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.



Next-day on-site-service*
Enjoy next business on-site service.



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

SPECIFICATIONS

| Model | P1503CVA / 90NX0881-M00RY0 |
|-----------------------------|-------------------------------------------------------------------------------------------|
| Operating System | Windows 11 Pro |
| Office | 1-month trial for new Microsoft 365 customers. Credit card required. |
| LCD cover-material | Plastic |
| LCD cover-color | Misty Grey |
| Top case-material | Plastic |
| Top case-color | Misty Grey |
| Bottom case-material | Plastic |
| Bottom case-color | Misty Grey |
| Military grade | US MIL-STD 810H military-grade standard |
| Panel Size | 15.6-inch |
| Backlit | LED Backlit |
| Brightness | 300nits |
| Resolution | FHD (1920 x 1080) 16:9 |
| Glare | Anti-glare display |
| Color gamut | NTSC: 45% |
| View angle(H/V) | 170/170 |
| Response time(Typ/Max) (ms) | 20/25 |
| Refresh rate | 60Hz |
| Contrast (Typ) | 800:1 |
| Touch Panel | Non-touch screen |
| Screen-to-body ratio | 87 % |
| IPS-level | Wide view |
| Processor | Intel® Core™ i5-13420H Processor 2.1 GHz (12MB Cache, up to 4.6 GHz, 8 cores, 12 Threads) |
| Chipset | N/A |
| Discrete/Share | Share |
| Integrated GPU | Intel® UHD Graphics |

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

SPECIFICATIONS

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|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| VRAM | N/A |
| How to upgrade memory | Upgradable; Need to remove bottom/top case |
| Expansion Slot(includes used) | 2x DDR5 SO-DIMM slots 1x M.2 2230 PCIe 4.0x4 1x M.2 2280 PCIe 4.0x4 |
| DIMM Memory | 16GB DDR5 SO-DIMM |
| Total System Memory | DDR5 16GB |
| Storage | 512GB M.2 2280 NVMe™ PCIe® 4.0 SSD SSD Housing for storage expansion |
| Front-facing camera | 720p HD camera With privacy shutter |
| Wireless | Wi-Fi 6(802.11ax) (Dual band) 2*2 + Bluetooth® 5.4 Wireless Card |
| NumberPad | N/A |
| FingerPrint | FingerPrint |
| Keyboard type | Chiclet Keyboard with Num-key |
| I/O ports | 2x USB 3.2 Gen 1 Type-A 2x USB 3.2 Gen 2 Type-C support display / power delivery 1x HDMI 1.4, up to 3840x2160p/30Hz 1x 3.5mm Combo Audio Jack 1x RJ45 Gigabit Ethernet |
| Audio | Audio by Dirac Built-in speaker Built-in array microphone |
| Battery | 50WHrs, 3S1P, 3-cell Li-ion |
| AC Adapter | TYPE-C, 65W AC Adapter, Output: 20V DC, 3.25A, 65W, Input: 100~240V AC 50/60Hz universal (Adapter+power cord) |
| Required charging power | Min: 55W Max: 90W *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. |
| Dimension (WxHxD) | 35.95 x 23.22 x 1.99 ~ 1.99 cm (14.15" x 9.14" x 0.78" ~ 0.78") |
| Weight (with Battery) | 1.66 kg (3.66 lbs) |
| Weight (w/o Battery) | 1.47 kg (3.24 lbs) |

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SPECIFICATIONS

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|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Security | Fingerprint sensor intergrated with Touchpad 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 (TPM) 2.0 N/A |
| Antivirus | McAfee® 1 year |
| MyASUS feature | System diagnosis Battery health charging Fan Profile Splendid Tru2Life Function key lock WiFi SmartConnect AppDeals Link to MyASUS |
| MyExpert Features | N/A |
| Built-in Apps | AI ExpertMeet (AI features need devices with 12GB RAM or more) MyASUS |
| Reparability Index (for Belgium) | 9.2 |
| Reparability Index (for France) | 9.3 |
| Ecolabels & Compliances | EPEAT Gold with Climate+ Energy star 8.0 FSC Recycled REACH RoHS TCO Certified |
| Base Warranty | 1Y Pick up/ return; ZENCARE |
| Recommended Warranty Package Part number//Extension and/or upgrade service from base warranty | ACX15-046300NX//1Y Extension; 2Y OnSite Service(Next Business Day); 2Y Accidental Damage Protection*; 2Y Battery Service Package*upgrade ACX15-046310NX//2Y Extension; 3Y OnSite Service(Next Business Day); 3Y Accidental Damage Protection*; 3Y Battery Service Package*upgrade ACX15-046320NX//3Y Extension; 4Y OnSite Service(Next Business Day); 4Y Accidental Damage Protection*; 4Y Battery Service Package*upgrade *If you would like to know the details, please contact your sales teams. |
| Battery warranty | Commercial NB P series Battery warranty follow system warranty. |
| Sustainable Material_Top cover(A part) | 30% PCR recycled plastic(cover or inner frame) |
| Sustainable Material_Keyboard frame (C part) | 30% PCR recycled plastic(cover or inner frame) |

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SPECIFICATIONS

Sustainable Material_Bottom cover (D part) 30% PCR recycled plastic(cover or inner frame)

Sustainable Material_Battery 30% PCR recycled plastic

Sustainable Material_Total PCR recycled plastic 26.1%

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