# ExpertBook P1 | PM1503CDA

## Elevate your efficiency, anywhere

ASUS ExpertBook P1 (PM1503) is expertly crafted with small business in mind, powered by up to AMD® Ryzen™ 7 processors for seamless performance and productivity. It also features robust US military-grade durability and ASUS ExpertGuardian – safeguarding your data, from hardware and firmware to software.



AMD® Ryzen™ processor

Sustainable design

ASUS ExpertGuardian

180° lay-flat hinge

Copilot key

ASUS AI noise-canceling

## Great portability for on the go professionals

- Light weight starting from 1.6kg
- MIL-STD-810H tested
- Up to 10 hours battery life[1]

## Exceptional performance for everyday productivity

- Up to AMD® Ryzen™ 7 170 3.2 GHz (8 cores)
- Up to 64GB SO-DIMM DDR5[2]
- Up to 1TB PCIe® 4.0 SSD M.2[3]
- 16:9 Full HD high quality 15.6” non touch display

## Business-grade security and manageability

- Biometric login with fingerprint sensor
- ASUS management solutions (ASUS Control Center*)

## Sustainable for an incredible future

- Crafted with PCR
- Compliant with EPEAT Gold Climate+, Energy Star 9.0, TCO 10.0, FSC Recycle

*OPTIONAL FEATURE, MAY VARY BY MODEL, SPECIFICATION, OR REGION.
[1]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.
[2]PRECOFIGS ONLY UP TO 8GB*1, 16GB*1 OR 16GB*2. IT'S UPGRADABLE UP TO 64GB.
[3]PRIMARY SLOT M.2 2280 SUPPORTS UP TO 1TB, SECONDARY SLOT M.2 2230 SUPPORTS UP TO 512GB CAN BE ADDED BY USER AFTER PURCHASE

## Warranty and Support

Up to 3-year international warranty*
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.

*WARRANTY POLICIES VARY BY COUNTRY

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# SPECIFICATIONS

| Model | PM1503CDA / 90NX09D1-M00AR0 |
|---|---|
| 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) | 178/178 |
| Response time(Typ/Max) (ms) | 25/30 |
| Refresh rate | 60Hz |
| Contrast (Typ) | 700:1 |
| Touch Panel | Non-touch screen |
| Screen-to-body ratio | 87 % |
| IPS-level | Wide view |
| Processor | AMD Ryzen™ 7 170 Processor 3.2GHz (16MB Cache, up to 4.75 GHz, 8 cores, 16 Threads) |
| Chipset | N/A |
| Discrete/Share | Share |
| Integrated GPU | AMD Radeon™ 680M |

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# SPECIFICATIONS

| | |
|---|---|
| **VRAM** | N/A |
| **How to upgrade memory** | Upgradable; Need to remove bottom/top case |
| **Expansion Slot(includes used)** | 2x DDR5 SO-DIMM slots<br>1x M.2 2230 PCIe 4.0x4<br>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<br>SSD Housing for storage expansion |
| **Front-facing camera** | 720p HD camera<br>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 |
| **Keyboard language** | English (UK) |
| **I/O ports** | 2x USB 3.2 Gen 1 Type-A<br>2x USB 3.2 Gen 2 Type-C support display / power delivery<br>1x HDMI™ 1.4, up to 3840x2160p/30Hz<br>1x 3.5mm Combo Audio Jack<br>1x RJ45 Gigabit Ethernet |
| **Audio** | Audio by Dirac<br>Built-in speaker<br>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 |
| **Required charging power** | Min: 55W<br>Max: 65W<br>*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") |
| **Starting Weight (with Battery)** | 1.81 kg (3.99 lbs) |
| **Starting Weight (w/o Battery)** | 1.62 kg (3.57 lbs) |

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# SPECIFICATIONS

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|---|---|
| **Security** | Fingerprint sensor intergrated with Touchpad<br>Kensington Nano Security Slot™(6x 2.5mm)<br>Trusted Platform Module (TPM) 2.0<br>BIOS setup user password<br>BIOS Self Recovery<br>BIOS Booting User Password Protection<br>Support Absolute Persistence 2.0 (Computrace)<br>Enhanced Password Strength<br>HDD User Password Protection and Security<br>BIOS Integrity Measurement Support<br>CSME BIOS Redundancy Assistance<br>Microsoft Security Level 2<br>N/A |
| **Antivirus** | McAfee® 1 year |
| **MyASUS feature** | System diagnosis<br>Battery health charging<br>Fan Profile<br>Splendid<br>Function key lock<br>AppDeals<br>Link to MyASUS |
| **MyExpert Features** | ExpertMeet(Only Watermark) |
| **Built-in Apps** | AI ExpertMeet (watermark only)<br>MyASUS |
| **Disclaimer for Built-in Apps** | Built-in Apps vary from OS SKU.<br><br>*MyASUS/McAfee don't support in Clean Build/without OS/G sku/Win SE/Windows on ARM/Linux OS (ex. Endless, Kylin, Ubuntu) |
| **Reparability Index (for Belgium)** | 9.4 |
| **Reparability Index (for France)** | 9.5 |
| **Ecolabels & Compliances** | EPEAT Gold with Climate+<br>Energy star 9.0<br>FSC Recycled<br>REACH<br>RoHS<br>TCO Certified |
| **Base Warranty** | 1Y Pick up/ return; ZENCARE |
| **Recommended Warranty Package Part number//Extension and/or upgrade service from base warranty** | ACX10-003844NX//2Y International Extension<br>ACX10-003860NX//4Y International Extension<br>*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) |

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# SPECIFICATIONS

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|---|---|
| **Sustainable Material_Keyboard frame (C part)** | 30% PCR recycled plastic(cover or inner frame) |
| **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** | 29% |

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