



ExpertCenter P500 Mini Tower | P500MV

Exceptional Value and Performance for Businesses of All Sizes

ExpertCenter P500MV combines high performance, business-grade security, and commercial-class services features in a compact and sleek design, providing business users at any size with a flexible and organized workspace. Designed to withstand tough conditions and meet MIL-STD-810H US military standards, it features a tool-free and expandable chassis, ensuring prolonged reliability and convenient upgrades for professionals.



Up to
Intel® Core i7
processor



NVIDIA®
GeForce®
graphics



Optimized
Thermal Design



Tool-free
design



US military
grade



TPM chip

Compact powerhouse

- 15.9-liter form factor for flexible vertical or horizontal placement
- Up to Intel® Core™ i7 processors
- Up to 64GB DDR5 5600MHz (system memory speed run at 4400-4800MHz)
- Up to NVIDIA® GeForce® RTX™ 4060 discrete graphics
- 90mm cooler fan with copper pipe thermal system
- Two-way AI noise-canceling technology
- SD card 2.0 / Smart card reader (optional)

Easy-to-upgrade design

- Tool-free design for hassle-free system maintenance and upgrade
- Full expansion slot : Up to 2 x DIMM ; 1 x 3.5" Internal HDD; 2 x M.2 SSD

Built to last

- World's No.1 ASUS motherboard¹ with 100% solid capacitors for long-term usage
- US military grade reliability with optimized construction
- Up to 80 PLUS Platinum PSU to minimize long-term cost

Enterprise-grade security and management

- ASUS Control Center for one-to-multiple centralized management
- Trusted Platform Module 2.0 (TPM 2.0) data security

1. ASUS secured the #1 spot for motherboard market share as of 2017, with DigiTimes reporting that the Taiwanese PC component giant owns 45% of the motherboard market.

2. Service and warranty coverage may vary depending on country and territory. We recommend that you check with your local retailers to confirm the options available.

*OPTIONAL SPECIFICATION, AVAILABILITY MAY DEPEND ON COUNTRY OR REGION.

Warranty and Support



Up to 3-year 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.

SPECIFICATIONS

Model		P500MV / 90PF05I1-M03UA0
Size	15L	
Color	Gray	
Form Factor	Mini tower	
Operating System	Windows 11 Pro	
Office	1-month trial for new Microsoft 365 customers. Credit card required.	
Processor	Intel® Core™ 7 Processor 240H 2.5 GHz (24MB Cache, up to 5.2 GHz, 10 Cores, 16 Threads)	
CPU Cooler	Air Cooler	
DIMM Memory	16GB DDR5 SO-DIMM	
Memory Speed	Memory speed is 5600 MT/s, and run at 5600 MT/s.	
Memory Max.	64GB	
Integrated GPU	Intel® Graphics	
Storage	1TB M.2 2280 NVMe™ PCIe® 4.0 SSD	
Optical Drive	DVD writer 8X	
LAN	Intel WGI219V 10/100/1000 Mbps, non-vPro	
Audio	High Definition 7.1 Channel Audio	
Wireless	Wi-Fi 6(802.11ax) (Dual band) 2*2 + Bluetooth® 5.4 Wireless Card	
Power Supply	180W power supply (80+ Bronze, peak 228W)	
Rear I/O Port	1x RJ45 Gigabit Ethernet 1x HDMI 1.4 1x Displayport 1.4 1x 7.1 channel audio (microphone, line-out, Line-in) 1x Kensington lock 4x USB 2.0 Type-A (480 Mbps)	
Front I/O Port	1x 3.5mm combo audio jack 1x USB 3.2 Gen 1 Type-C (5 Gbps) 2x USB 3.2 Gen 1 Type-A (5 Gbps) 1x 2 in 1 card reader SD / MMC 1x Smart card reader	
Drive Bay	3.5" x 1	
Serial ATA	2 x SATA 6.0Gb/s ports	

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

SPECIFICATIONS

Expansion Slot(includes used)	1x PCIe® 4.0 x 16 (operating at PCIe® 4.0 x8) 1x M.2 connector for WiFi 2x M.2 2280 connector for storage 2x DDR5 SO-DIMM slot
Keyboard & Mouse	Wired keyboard (USB) Wired optical mouse (USB)
Keyboard language	German
Dimension (WxDxH)	15.50 x 29.60 x 34.70 cm (6.10" x 11.65" x 13.66")
Weight	06.00 kg (13.23 lbs)
My ASUS features	System diagnosis Fan profile AppDeals
Built-in Apps	MyASUS
Adobe Creative Cloud Hard Bundle	1-month Adobe Creative Cloud Hard Bundle *Terms and exclusions apply. Offer only available in eligible markets. Eligible markets are determined at activation, and varies by region, device, and time.
Security	Kensington Security Slot™(7x 3mm) HDD User Password Protection and Security Discrete Trusted Platform Module (TPM) 2.0
Antivirus	McAfee® 1 years
Ecolabels & Compliances	EPEAT Silver Energy star 8.0 REACH RoHS
Base Warranty	2Y Pick up/ return
Recommended Warranty Package Part number//Extension and/or upgrade service from base warran	ACX11-000601PF//1Y Extension ACX13-006910PF//1Y Extension; 3Y OnSite Service(Next Business Day)*upgrade ACX13-006982PF//3Y Extension; 5Y OnSite Service(Next Business Day)*upgrade *If you would like to know the details, please contact your sales teams.
Sustainable Material_Front bezel	65% (Inkwell Grey) 、 60% (White) PCR recycled plastic front bezel
Sustainable Material_I/O bezel	65% (Inkwell Grey) 、 60% (White) PCR recycled plastic I/O bezel

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