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 motherboard[1] 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-M04WM0
Size	15L
Color	Gray
Form Factor	Mini tower
Processor	Intel® Core™ 3 Processor 100U 1.2 GHz (10MB Cache, up to 4.7 GHz, 6 Cores, 8 Threads)
CPU Cooler	Air Cooler
DIMM Memory	8GB 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	512GB M.2 2280 NVMe™ PCIe® 4.0 SSD
Optical Drive	Without optical drive
LAN	Intel WGI219V 10/100/1000 Mbps, non-vPro
Audio	High Definition 7.1 Channel Audio
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 2x USB 3.2 Gen 1 Type-A (5 Gbps) 1x USB 3.2 Gen 1 Type-C (5 Gbps)
Drive Bay	3.5" x 1
Serial ATA	2 x SATA 6.0Gb/s ports
Expansion Slot(includes used)	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	Türkiye Q-type
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)

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

SPECIFICATIONS

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
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	*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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