

ExpertCenter D5 SFF | D501SER

Secure, reliable, and business-ready

ASUS ExpertCenter D5 SFF delivers a high-performance, enterprise-grade security and management in an ultra-compact and sleek package, so business users can have a flexible and neat workspace. Built to last, it meets MIL-STD-810H US military standards and offers an expandable design, ensuring long-term reassurance and easy future upgrades for professionals.



14th Gen Intel® processor



NVIDIA® GeForce® graphics



Tool-free design



ASUS AI noise canceling



US military grade



TPM 2.0 chip

Ultra-compact powerhouse

- Slim chassis for flexible vertical or horizontal placement
- Up to Intel® Core™ i7 14th generation processors, B760 chipset
- Up to 64GB DDR5 4400MHz
- Up to GeForce® GT1030 discrete graphics
- Two-way ASUS AI noise-canceling technology
- SD card reader & Smart card reader (optional)

Easy-to-upgrade design

- Tool-free design for hassle-free system maintenance and upgrade
- Full expansion slots: Up to 2 x DIMM (up to 64GB RAM); 1 x 3.5" Internal HDD (up to 2TB); 2 x M.2 SSD (up to 2TB)

Built to last

- World's No.1 ASUS motherboard¹ with 100% solid capacitors for long-term usage
- US military grade reliability with optimized construction
- 80 PLUS Platinum PSU, up to 92% efficiency power supply to minimize long-term cost

Enterprise-grade security and management

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

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

Warranty and Support



1-year standar warranty
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	ExpertCenter D501SER
Operating System	Windows 11 Pro/Windows 11 Home - ASUS recommends Windows 11 Pro for business Without OS, Pure OS, Windows 10 Government (China only)
Processor	Intel® Core™ i7 Processor 14700 2.1GHz (33M Cache, up to 5.3GHz, 20 cores) Intel® Core™ i5 Processor 14500 2.6GHz (24M Cache, up to 5.0GHz, 14 cores) Intel® Core™ i5 Processor 14400 2.5GHz (20M Cache, up to 4.7GHz, 10 cores) Intel® Core™ i3 Processor 14100 3.5GHz (12M Cache, up to 4.7GHz, 4 cores) Intel® Pentium® Gold G7400 Processor 3.7 GHz (6M Cache, 2 cores) Intel® Celeron® G6900 Processor 3.4 GHz (4M Cache, up to 3.4 GHz, 2 cores)
Chipset	Intel® B760
Discrete Graphics	NVIDIA® RTX A400 4GB GDDR6 : 4x mini-DP NVIDIA® GeForce® GT1030 2GB : 1x DVI, 1x HDMI
Integrated Graphics	Up to Intel® UHD Graphics 770
Memory	2 x DIMM slot, dual channel DDR5 4400MHz up to 64GB
Expansion Slot	1 x PCI Express 4.0 x16 2 x PCI Express 3.0 x1 1 x M.2 (support wifi) PCIe & CNVi colay
Serial ATA	4 x Serial ATA 6.0 Gb/s
Storage	Storage space: 1 x 3.5""up to 2TB 7200rpm (support HDD tool-free design for 3.5"" HDD) 2 x M.2 SSD, up to 2TB PCIe® 4.0 SSD - 1st M.2 support PCIe (Gen 4) x4 mode (near-by cpu) - 2nd M.2 support PCIe (Gen 4) x4 mode (near-by Card Reader) Default 2230 SSD
Drive Bays	1 x 3.5"HDD, up to 2TB 7200rpm, and optional 2.5" HDD drive bay (support HDD tool-free design on 3.5" & 2.5" HDD
Optical Drive	W/O ODD (optional), w/ swappable bezel, Slim type DVD RW (optional), Slim type DVD ROM (optional)
Wireless	Antenna Type: Internal Without Wi-Fi Card (optional) CNVi/PCIe co-lay WIFI6 CARD_2x2 AX (CNVi/PCIE) Wake on WLAN (S3/S4) 802.11 AX WLAN + BT5.0(M.2), 2 x 2 Antenna w/Internal WIFI6E CARD 2x2 AX wo/ vPRO (CNVi/PCIE) Note: current Intel CNVi only Wake on WLAN (S3/S4) 802.11 AX WLAN + BT5.0(M.2), 2 x 2 Antenna w/Internal
Audio	7.1 Channel High Definition Audio, ASUS Two-Way AI Noise-Canceling Technology, Dirac Audio, Realtek ALC897-VA2-CG, SPK box + AMP IC EUA2075JIR1
Front I/O Ports	2 x Type A USB 2.0 2 x Type A USB 3.2 Gen 2 1 x combo audio jack 1 x headphone 1X SD card reader (Optional)
Rear I/O Ports	1 x HDMI port 1.4 1 x VGA port 1 x optional port (including HDMI 2.1 TMDS/ DP 1.4/ VGA) (DP1.4 supports 4K@120Hz/8k@60Hz/HBR3) 1 x 1G LAN (RJ-45) port with LED indicator 2 x USB 2.0 Type-A, support USB K/B power on function 2 x USB 3.2 Gen1 Type-A 3 x Audio jacks support 7.1 channel audio output 1 x Parallel Port Bracket (optional) 1 x COM Port cable (optional) 1 x COM Port bracket or PS2 Port bracket (keyboard (L-G) and mouse port (L-P) (optional)
Power Supply	180W power supply (TFX Single Output) (80+ Bronze), 330W power supply (TFX Single Output) (80+ Platinum)
Dimension	Without Handle : 296(D)x 93(W)x 309(H)mm (Height doesn't include rubber foot, please add 10mm if it includes rubber foot)
Dimension with Carton	9.3cm x 29.6 cm x 30.9 cm
Weight	5kg
In the Box	Power cord, Warranty card, Quick start guide, Keyboard/Mouse (optional)
Optional Accessories	SD card reader 2.0, Internal Audio, FOOT STAND, ODD ASSEMBLY KIT, 3.5 HDD ASSEMBLY KIT, 2.5 HDD ASSEMBLY KIT, 2280 SSD ASSEMBLY KIT, 2230 SSD ASSEMBLY KIT
Security	Trusted Platform Module (TPM) 2.0 (optional), Buzzer cable (optional), Intrusion Cable (Intrusion Switch) [optional], Kensington lock slot, Pad lock slot, HDD user password protection and security
Software	ASUS Control Center, MyASUS, AI Recovery (China only and Taiwan only), AI Noise Cancellation
Energy Efficiency Compliance	Energy Star, Target EPEAT Gold *Note: Depends testing result

DISCLAIMER

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. Kensington security slot and Padlock slot built in chassis; Chassis Intrusion is optional.
3. All accessories may vary in different market. Brand and product names mentioned are trademarks of their respective companies.
4. Product specifications may differ from country to country. We recommend that you check with your local dealers for the specifications of the products available in your country.
5. Colors of products may not be perfectly accurate due to variations caused by photography and monitor settings.
6. Although we endeavor to present the most accurate and comprehensive information at the time of publication, we reserve the right to make changes without prior notice.
7. ASUS Expert Series Service Package may differ from country to country. We recommend that you check with your local dealers for the specifications of the products available in your country.
8. 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.