

# ExpertCenter Pro ER100A B6

AMD EPYC™ 4000 series 1U rack workstation that supports up to four DIMMs, one PCIe® 5.0 x16 slot, one M.2 slot, two hot-swappable 2.5" SATA drive bays, two **internal** 2.5" SATA/NVMe U.2 drive tray, dual 2.5Gb LAN ports, with onboard BMC, and ASUS Control Center Express support.

- Powered by AMD EPYC 4000 series processors up to maximum 120WTDP: Delivers exceptional performance and reliability, with DDR5 5600MHz ECC/non-ECC UDIMM memory\_
- Graphics Support: Supports one NVIDIA RTX A1000/A400 GPU, ideal for **rendering** and AI workloads\_
- Storage Options: Supports two hot-swappable 2.5" SATA drive bays, and additional two **internal** 2.5" SATA or NVMe U.2 drive tray, enhancing storage flexibility and performance\_
- Network Connectivity: Dual 25Gb LAN ports for fast, high-bandwidth, and **low-latency** connections\_
- I/O Options: 10Gbps USB Type-C, USB Type-A, and an **internal** Type-A port (for security kits), providing versatile connectivity for various needs\_
- Server-grade IPMI remotemanagementand onboard BMC: Hardware and software-level with a dedicated LAN port link to an onboard AST2600 BMC controller, plus ASUS Control Center Express software for real-time monitoring and management





## ExpertCenter Pro ER100A B6

Designed for small- to medium-sized businesses (SMBs), offering robust and secure solutions. These processors support up to 16 cores and 32 threads, with a maximum frequency of 4.5 GHz and a 120 W TDP, ensuring rapid data processing and application responsiveness. With support NVIDIA® Quadro RTX™ A1000/A400 graphics card and DDR5 5600 MT/s ECC or Non-ECC U-DIMM memory and PCIe 5.0 interfaces, providing server-grade 24/7 reliability for business-critical services and customer data, and cost-effective performance.

AMD  
EPYC

AMD  
RYZEN

# Scale up for Flexible Combination

Updating individual systems with low profile GPU, Storage and RAM is vital to building a balanced, robust and cost-effective production environment.



CPU 1



2.5" SATA drive 1, 2, 3\*, 4\* or  
2.5" NVMe U.2 drive 1\*2\*



PSU 1



M.2 SSD 1



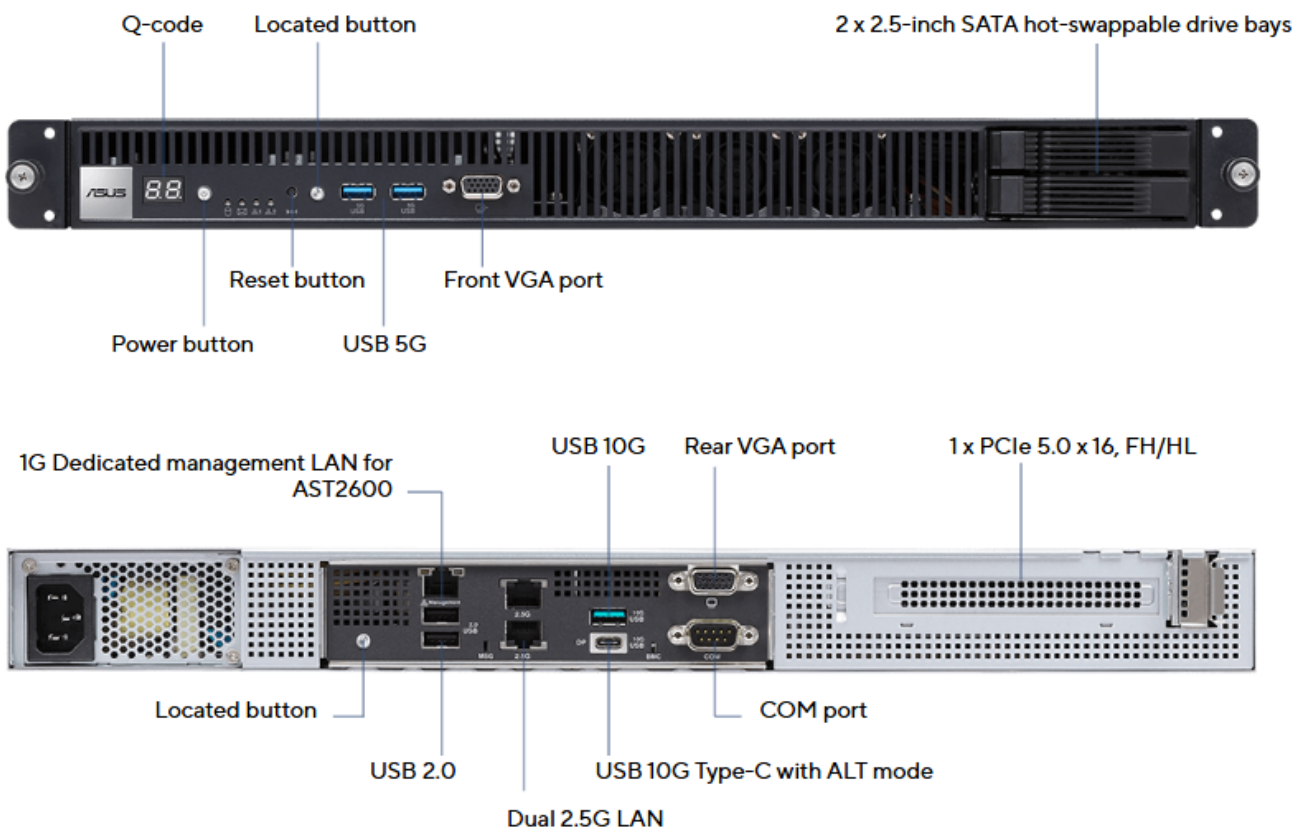
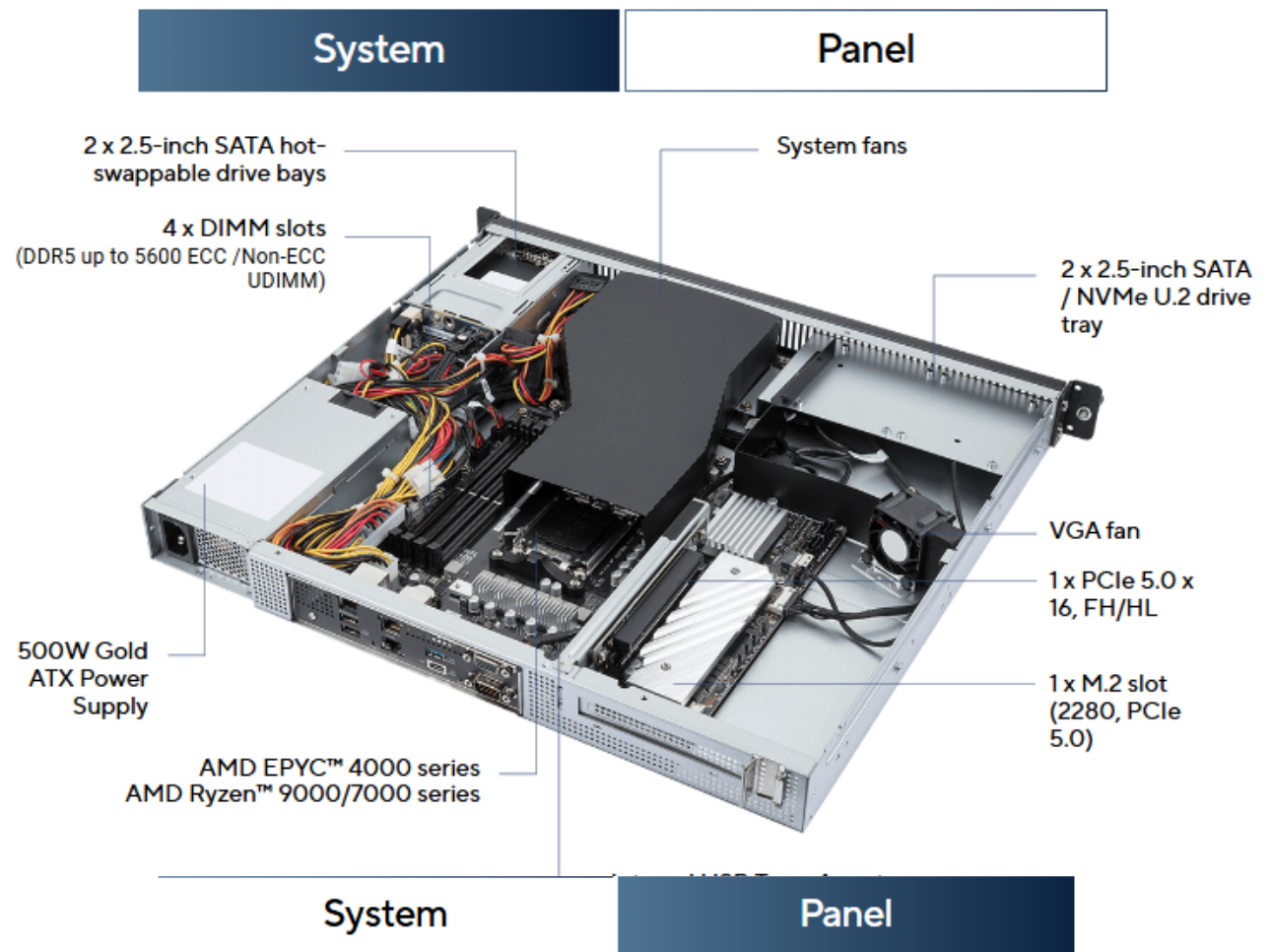
GPU 1



Memory 1, 2, 4

\* Internal storage : Selecting the 1<sup>st</sup> and 2<sup>nd</sup> NVMe U.2 drive will disable support for the 3<sup>rd</sup> and 4<sup>th</sup> SATA drive.

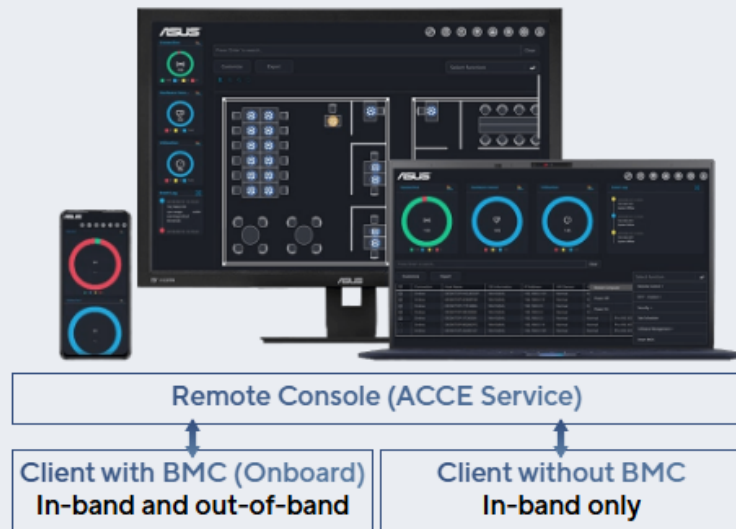
# System & Spec



# Remote Control Solutions On Board BMC

ExpertCenter Pro ER100A B6 features compatibility with BMC connections, and it is bundled with ASUS Control Center Express software to provide comprehensive in-band and out-of-band management features for businesses and industries.

**Host**  
Can be any Windows PC



## ASUS Control Center Express

The ExpertCenter Pro ER100A B6 comes with ASUS Control Center Express — a real-time IT monitoring and management software designed for business that improves productivity and enhances security, helping prevent unauthorized access and data leaks.

# Independent software vendor (ISV) certification

We understand the importance of compatibility, and that ExpertCenter Pro ER100A B6 must be ready to power the applications you need. ASUS works in close partnership with numerous independent software vendors to test and verify compatibility with our hardware. These ISV certifications provide the peace of mind your organization needs to be assured that ExpertCenter Pro ER100A B6 will perform reliably and effectively for your needs.

## Media and Entertainment

 ADOBE ILLUSTRATOR CC  
 ADOBE PHOTOSHOP CC  
 ADOBE PREMIERE PRO CC  
 ADOBE AFTER EFFECTS CC  
 3DS MAX

## AEC-Architecture, Engineering, and Construction

 REVIT  
 3DS MAX  
 AUTOCAD

## Product Design and Manufacturing

 AUTOCAD  
 INVENTOR