



Empowering Financial Institutions to Lead in AI Era

AI Infrastructure Solutions Guide



Large-scale AI training and development

High-density GPU servers designed for generative AI and large language models enable fast deployment and scalability, supporting multiple powerful GPUs, high-bandwidth interconnects, and optimized PCIe to boost throughput and reduce latency, delivering exceptional performance for deep learning, scientific computing, and data analysis.

AMD
EPYC



ESC 8000A-E13P

A high-density 4U server for eight dual-slot high-end GPUs, supporting up to 600W each

- Powered by two AMD EPYC™ 9005 processors, with up to 500W TDP
- Fully compliant with NVIDIA® MGX architecture, enabling rapid large-scale deployment
- Configured with NVIDIA 2-8-5 topology (CPU-GPU-DPU/NIC), with four high-bandwidth PCIe NICs to enhance east-west traffic and system performance
- Supports eight NVIDIA H200 NVL, and RTX PRO 6000 BSE GPUs
- Flexible support for a full range of GPUs for various applications

AMD
EPYC | INSTINCT



ESC A8A-E12U

A 7U server with eight AMD Instinct™ MI325X GPUs and dual AMD EPYC™ 9005 processors, optimized for generative AI and HPC

- Industry-leading HBM capacity (256GB) and bandwidth (6TB/s) for large AI models and HPC workloads
- Direct GPU-to-GPU interconnect delivers 896GB/s bandwidth for efficient scaling
- Dedicated one-GPU-to-one-NIC topology supports up to eight NICs for the highest throughput during compute-intensive workloads
- Modular design with reduced cable usage shortens assembly time and improves thermal optimization



General Purpose Solution

ASUS servers, built with the modular and scalable DC-MHS architecture provide seamless integration and optimization, making them ideal for modern data centers and diverse IT environments.

These servers are highly flexible, supporting a broad spectrum of applications such as virtualization, content delivery network, web hosting and content-management systems, software-defined storage, surveillance and enterprise IT.

AMD
EPYC



RS501A-E12-RS12U (1U)

AMD 1U/2U server designed to provide reliable daily business operations

- Powered by one AMD EPYC™ 9005 processor
- Industry-leading 2403GB memory capability
- Supports up to 16 x 2.5" hot-swap HDD bays for mid bay SKU
- Supports up to two single-slot GPU cards
- ASMB11-iKVM and ASUS Control Center

AMD
EPYC



RS521A-E12-RS24U (2U)

AMD 1U/2U server designed to provide reliable daily business operations

- Powered by one AMD EPYC™ 9005 processor
- Industry-leading 2403GB memory capability
- Supports up to 26 x 2.5" hot-swap HDD bays for mid bay SKU
- Supports up to four single-slot GPU cards
- ASMB11-iKVM and ASUS Control Center



AMD
EPYC

RS700A-E13-RS12U (1U)

Expansion flexibility and scalability to cover a full range of applications

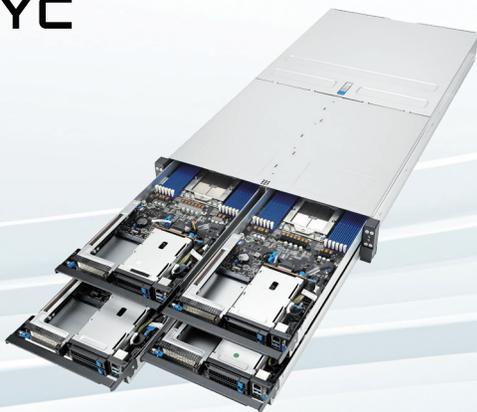
- Powered by two AMD EPYC™ 9004/9005 processors (up to 500W TDP)
- Compatible with a PCIe® LAN card or an OCP 3.0 module for hyperscale data center connectivity
- ASMB12-iKVM and ASUS Control Center (ACC)
- Modular design: DC-MHS

AMD
EPYC

RS720A-E13-RS24U (2U)

Expansion flexibility and scalability to cover a full range of applications

- Powered by two AMD EPYC™ 9004/9005 processors (up to 500W TDP)
- Compatible with a PCIe® LAN card or an OCP 3.0 module for hyperscale data center connectivity
- ASMB12-iKVM and ASUS Control Center (ACC)
- Modular design: DC-MHS

AMD
EPYC

RS520QA-E13-RS8U

AMD 2U4N server designed for high-density and efficient workloads

- Powered by one AMD EPYC™ 9005 processor per node
- Effortless ergonomic handle design for easy maintenance
- Exceptional thermal performance with air cooling supporting up to 500W TDP
- High memory capacity and speed with CXL memory expandability
- Greater flexibility and versatility achieved through front-access design

