

Infrastructure Solution Business Group
Server Portfolio

Jan Zavadil
ASUS Server Country Product Manager CZ & SK

Martin Vent
ASUS OPBG BDM CZ & SK

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Facts About ASUS

16,000+
Employees worldwide

5,500+
World-class Engineers

USD
31
Billion
(7B in Servers)
2026 Goal Revenue

2500+
Support Center Worldwide

WORLD'S MOST ADMIRED COMPANIES
10th Time

BEST TAIWAN GLOBAL BRANDS
12th Time

WORLD'S MOST TRUSTWORTHY COMPANIES
2nd Time

INNOVATION, GROWTH EMPLOYEE SATISFACTION
2nd Time

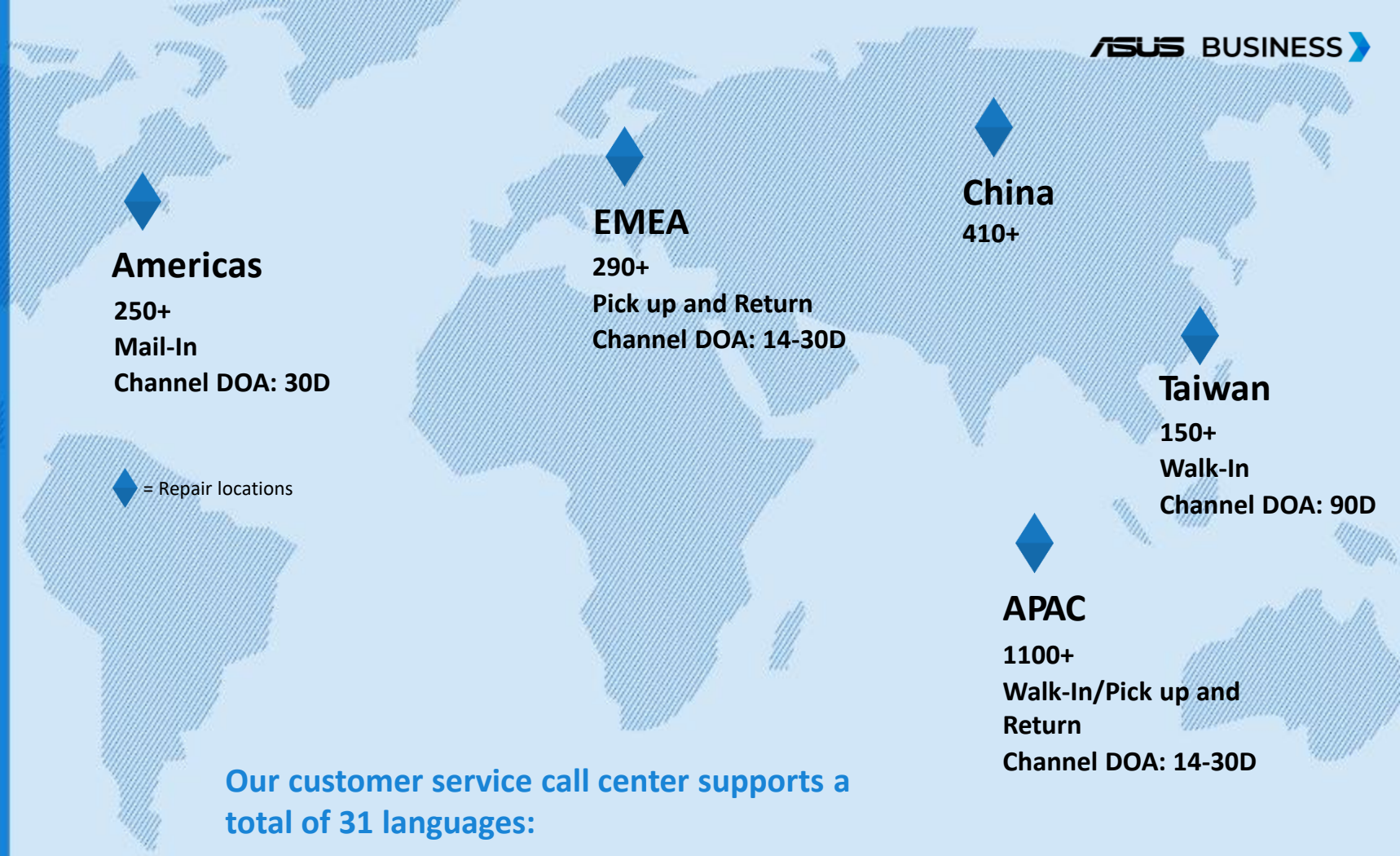
GLOBAL LEADERSHIP IN WORKPLACE CULTURE
9th Time

WORD'S BEST TECH BRANDS
Top 25 Global

A Global Service Network of Local Knowledge

2,500+

Global Repair Hubs



Our customer service call center supports a total of 31 languages:

EMEA:

Italian French German Dutch Hungarian Polish Russian Czech Ukrainian

Greek Spanish Portuguese English Danish Finnish Norwegian Swedish Romanian

Turkish Serbian Croatian Bosnian Slovenian Slovak Hebrew Arabic

APAC:

English Japanese Hindi Korean Vietnamese Bahasa Indonesia Tagalog Thai Mandarin

TW/CN/HK:

Mandarin English Cantonese

AMERICAS:

English French Spanish Portuguese

* DOA: Defective on Arrival

We’re Growing in Every Aspect

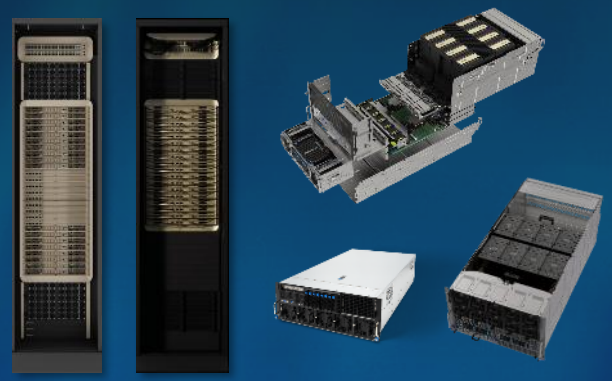
Three Pillars of ISG’s Growth Strategy: CSP, Non-CSP, and Solutions

CSP



ASUS is more than OEM and more than ODM. We provide customized products and service to fulfill CSP customer’s need

AI



ASUS commits to investing in a variety of AI solutions, including NVIDIA Vera Rubin, AMD Instinct, and Intel Gaudi

Solution



Provide ASUS comprehensive solutions for Storage, HPC, and token generated AI factory

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Ubiquitous AI & ALL IN on AI

Latest AI Server Solutions Meeting Varied AI Workload Demands

AI Inference

ASUS Server

RS Series | XA Series



Versatility

ASUS RS series servers and XA series servers offer versatile GPU options for different workloads

AI Training

ASUS AI Server

MI355X/Gaudi 3



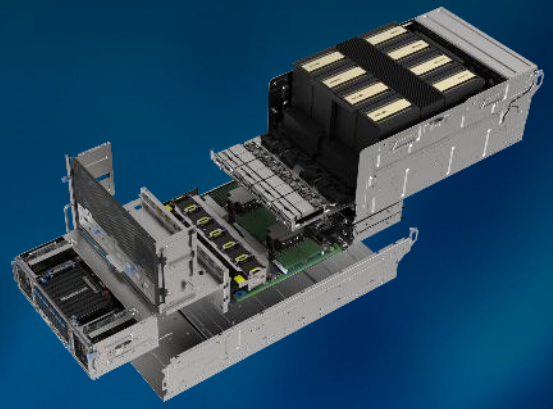
More Choices

ASUS provides AMD Instinct and Intel Gaudi AI solutions ideal for multiple AI workloads

Generative AI

ASUS AI Server

HGX B300



1st TTM

ASUS Hits Milestone – XA NB3I-E12 with NVIDIA HGX B300 Now Shipping Worldwide

AI Supercomputing

ASUS AI POD

GB300 NVL72



1st TTM

ASUS is one of the earliest to ship GB300 NVL72, being mass producing in Aug. 2025

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ASUS Server Products at a Glance

XA/ESC Series
AI POD & AI Servers

XA GB721-E2
GB300 NVL72
ESC NM2N721-E1
GB200 NVL72



NVIDIA

Extreme
2S, 8~16-GPU
9~10U (AC)
5U (LC)



XA NB3I-E12
GNR-SP, B300 AC
ESC NB8-E11
EMR-SP, B200 AC

Performance
2S, 8-GPU
4U



ESC8000-E12
GNR-SP, MGX

ESC8000A-E13
Turin/Genoa, MGX

Mainstream
1S, 4-GPU
2U



ESC4000-E11
EMR

ESC4000A-E12
Turin/Genoa

INTEL

AMD

RS Series
General Purpose Servers

High Density
2S, 16~24DIMM
1S, 12 DIMM
2U4N



RS720Q-E11
EMR

RS720QA-E12
Genoa
RS520QA-E13
Turin

Performance
2S, 32DIMM
2U/1U



RS720-E12
GNR-SP, DC-MHS
RS700-E12
GNR-SP, DC-MHS

RS720A-E13
Turin/Genoa DC-MHS
RS700A-E13
Turin/Genoa, DC-MHS

Balance
1S, 24DIMM
2U/1U



RS521A-E12
Turin/Genoa
RS501A-E12
Turin/Genoa

Entry
1S, 4DIMM
1U



RS300-E12
Catlow

INTEL

AMD

EG Series
Edge Servers

Edge AI/ IoT/ Streaming
1S, 8DIMM
2U/1U



EG520-E11
EMR-SP



EG500-E11
EMR-SP

INTEL

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ASUS BUSINESS

Reliable and Secure Partner to Modernize Public Services



Achieve AI Sovereignty to Boost National and Industrial Growth



Establish Seamless and Secure 5G Connectivity for Various Applications



Ensure Enterprise-Grade Security and Stable Supply of Equipment

ASUS Self-Recovering BIOS

ASUS Corporate Stable Model (CSM)

Centralized Management

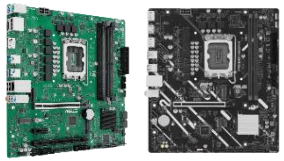
RECOMMENDED PRODUCTS



Rack Servers



GPU Servers and Data Center Infrastructure



ASUS CSM Motherboards



ASUS NUC, ASUS Business Monitor, ExpertCenter Pro Workstation,

XA / ESC Series

Extreme AI Server / Extreme Super Computing AI Server

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ASUS is one of the earliest to ship GB300 and B300, being mass producing in Aug. 2025



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FPT's AI factory has secured the 38th position in the 65th edition of the TOP500 list.

An exceptional achievement that underscores its AI factory's innovative computational capabilities and reaffirms its position as a global leader in supercomputing innovation and digital transformation.

SUCCESS STORY

ASUS Servers Integrated into the FPT AI Factory in Vietnam

>> Read the Story



Products used in the solution:
ESC N8-E11 servers

COUNTRY: **Vietnam and Japan**

INDUSTRY: AI, HPC

CHALLENGES:

FPT needed an AI factory that could handle the immense computational demands of training and deploying large-scale AI models while ensuring efficiency, reliability, and scalability.

The infrastructure had to support high-performance GPUs for deep learning and large-language-model (LLM) training while maintaining optimal energy efficiency to minimize operational costs and environmental impact.

ASUS PRODUCTS INSTALLED:

- ASUS ESC N8-E11 servers

WHY CHOOSE ASUS:

- **Cloud AI Excellence**: ASUS supports public and private clouds with AIHPC infrastructure, PaaS and AI Foundry Service (AFS)
- **Optimized AI Infrastructure For Peak Performance**: ASUS servers empowered FPT's AI factory to handle the intensive computational demands of training and deploying large-scale AI models
- **Intelligent Server Management**: ASUS provides a comprehensive server-management solutions, allowing IT teams to remotely monitor and control servers

ASUS - The Domain Expert of AI Supercomputer

- **TCO (Total Cost of Ownership) of Data Center**
  - 1/3 : H/W
  - 1/3 : Electricity
  - 1/3 : Infrastructure / ADM / OP
- **ASUS unique capability**
  - **Taiwania II, AI Supercomputer**
    - **Top 500 : No. 20**
    - **Green 500 : No. 10**
  - **Taiwania IV**
    - **PUE = 1.17**
  - **TWSC**
    - NO CODE S/W stack including BSS/OSS for operation
    - Various vertical ecosystem applications
  - **LLM** (Formosa Foundation Model)
    - Hundreds of experienced S/W engineers



TWS TAIWAN WEB SERVICE



ASUS AI POD – Shaping the Future of AI

XA GB721-E2

NVIDIA GB300 NVL72

- Real-Time Trillion-Parameter Models LLM & MoE
- 36 x NVIDIA Grace CPUs
- 72 x NVIDIA B300 GPUs
- 18 x Compute Trays (1RU)
- 9 x NVIDIA NVLink Switches
- Per rack power ≈ 135K Watts
- Liquid cooling design
- 19” 48RU MGX rack
- Shipping now



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NVIDIA Blackwell Series HGX B300 AC Server

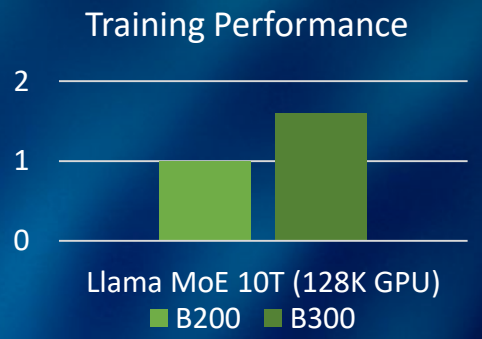
XA NB3I-E12

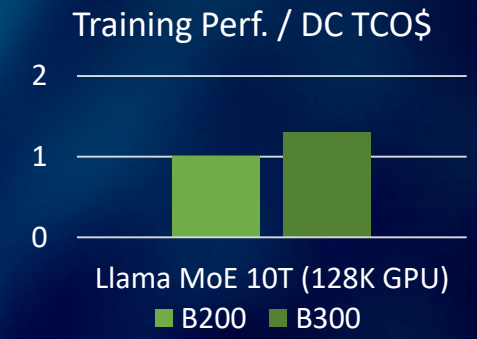
NVIDIA HGX B300 AC

- Highest compute performance & AI
- 2 x Intel Xeon 6700 Processors
- 32 x DDR5 DIMM slots
- NVIDIA HGX B300 GPU (8 x 1100W)
- 5+5 Redundant PSU
- 9U chassis designed for serviceability
- Air cooling optimized
- Shipping now



5 x PCIe 5.0 Additional expansion slots	**5+5 PSU** Secure full power redundancy	**Simplified Cable Design** Minimize transmit lose and latency	High Serviceability Design shorten maintenance time





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RS Series

General Purpose Server

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High Serviceability Design

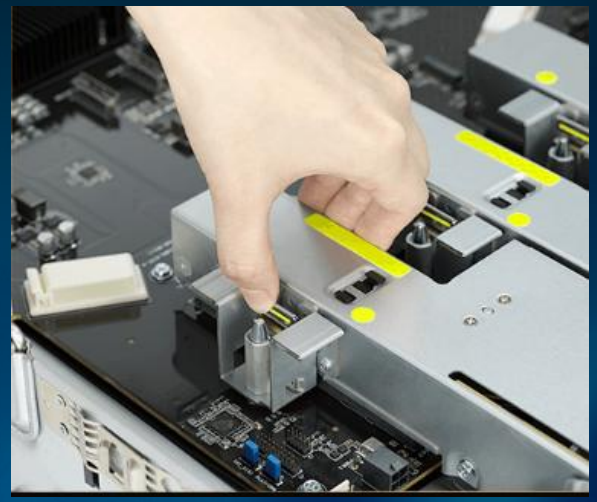
Improve IT operations efficiency and reduce downtime



Tool-free thumb screws



Easy-maintained fan bar



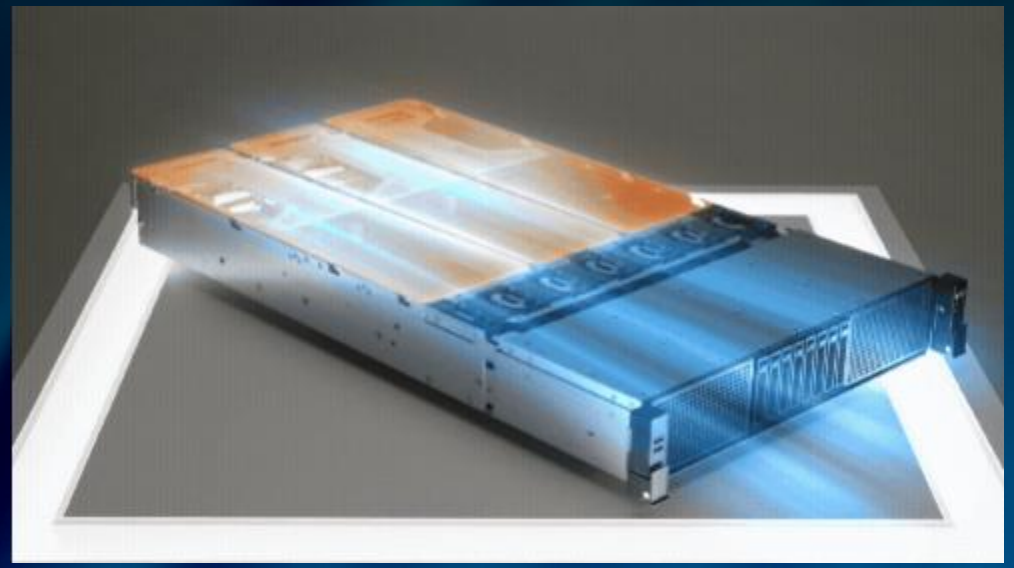
Riser-card catch



Tool-free cover

Next-Gen ASUS Thermal Radar 2.0

More precise fan control under different loading



Independent airflow channels enhance cooling efficiency

More Sensors

Sensors are embedded on front panel, CPU, NVMe SSD, OCP Mezz. Card, PSU and memory to monitor devices loading.

Intelligent Adjustment

Fans are grouped for dynamic fan curve adjustment in different fan zones to achieve more precise thermal monitoring.

Economic and Eco-friendly

More precise thermal information can reduce power consumption and lower down TCO.

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ASUS Performance Boost Technology

Achieved over 1,956+ world-record benchmarks with SPEC CPU, and still growing

RS720A-E13
25#1



RS520A-E12
81#1



RS720-E11
343#1



Core Optimizer

Reduce latency

Maximizes the processor frequency in multi-core operations, avoiding frequency shifting for reduced latency.

Engine Boost

Increase over-all performance

Automatic power acceleration with an innovative voltage design to increase server over-all performance.

Workload Presets

Improve performance and efficiency

Preconfigured BIOS server profiles based on workloads, and benchmarks for improved performance and efficiency.

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Note: All results can be verified on spec.org on May 25, 2025

Next-Gen CPU Platform is in 2026-2027

Going EOL

AMD Milan

Zen 3, SP3

64C, 280W

8CH DDR4 3200MHz, PCIe 4.0

March 2021

Shipping

AMD Genoa

Zen 4, SP3

96C, 400W

12CH DDR5 4800MHz, PCIe 5.0

November 2022

Shipping

AMD Turin

Zen 5/5c, SP5

128C/192C, 500W

12CH, DDR5, 6400MHz

PCIe 5.0, CXL 2.0

September 2024

Planning

AMD Venice

SP7	SP8
256C, 600W	128C, 400W
16CH DDR5 8000MHz	8CH, DDR5 8000MHz
PCIe 6.0	PCIe 6.0
2026 Q4	2027 Q1

Going EOL

Intel Whitley

Ice Lake, C621

40C, 270W

8CH DDR4 3200MHz, PCIe 4.0

June 2021

Shipping

Intel Eagle Stream

SPR/EMR, C621A

56C, 350W

8CH DDR5 4800 MHz, PCIe 5.0

February 2023

Shipping

Intel Birch Stream

Granit Rapid AP	Granit Rapid SP
128C, 500W	86C, 350W
12CH DDR5 6400MHz	8CH, DDR5 6400MHz
PCIe 5.0	PCIe 5.0
September 2024	February 2025

Planning

Intel Oak Stream

Dimond Rapid 16ch

192C, 500W

16CH DDR5 8000MHz

PCIe 6.0

2027 Q2-Q3

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Move from PCIE 5.0 to PCIE 6.0 Platforms

Model Name	AMD Venice SP7 2026 Q4	AMD Venice SP8 2027 Q1	Intel DMR 16ch 2027 Q2-Q3
Platform	Venice	Venice	Oak Stream (P-core)
Core Count	96C-**256C**	8C-**128C**	Up to **192C**
TDP	Up to **600W**	Up to **400W**	Up to **500W**
Memory	16ch DDR5	8ch DDR5	16ch DDR5
Memory Speed	Up to **8000** (1DPC) Up to **12800** (MRDIMM)	Up to **6000** (2DPC) Up to **8000** (1DPC) Up to **12800** (MRDIMM)	Up to **6000** (2DPC) Up to **8000** (1DPC) Up to **12800** (MRDIMM)
Total Lanes	1S: **96L PCIe G6** + 8L PCIe G4 2S: **128L PCIe G6** + 16L PCIe G4	1S: **128L PCIe G6** + 8L PCIe G4 2S: **192L PCIe G6** + 16L PCIe G4	1S: **128L PCIe G6** + 8L PCIE G4 2S: **192L PCIe G6** + 16L PCIE G4

AMD Venice-based 2-socket Rack Servers

RS720A-E14B

2U, 2S, 12/24/32 bays

- Design for versatile workloads
- 2 x AMD Venice SP8 processor (400W)
- 32 x DDR5 DIMM slots (2DPC)
- 2U supports up to 3 dual-slot 450W GPU
- Tool-less & Easy Maintainable Chassis
- DIMM.2 module supports dual M.2
- 1+1 PSU*

RS700A-E14B

1U, 2S, 4/12/16 bays

- Design for versatile workloads
- 2 x AMD Venice SP8 processor (400W)
- 32 x DDR5 DIMM slots (2DPC)
- 2U supports up to 3 dual-slot 450W GPU
- Tool-less & Easy Maintainable Chassis
- DIMM.2 module supports dual M.2
- 1+1 PSU*

Modular Design **DC-MHS**	**Air cooled** support **400W** CPU TDP	**32 NVMe** all-flash hot-swap drive bays in 2U	Security enhanced **Dual BMC Image**



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Note: Above spec are for early customer engagement and may be changed later.

AMD Venice-based 1-socket Rack Servers

RS520A-E14A

2U, 1S, 12 bays

- Designed for Versatile Workloads
- 1 x AMD Venice SP7 processor (600W)
- 16 x DDR5 DIMM slots (1DPC)
- Tool-less & easy maintainable chassis
- 1+1 PSU*

RS520A-E14B

2U, 1S, 12/24 bays

- Designed for Versatile Workloads
- 1 x AMD Venice SP8 processor (400W)
- 16 x DDR5 DIMM slots (2DPC)
- Tool-less & easy maintainable chassis
- Support dual M.2
- 1+1 PSU*

RS500A-E14B

1U, 1S, 12/16 bays

- Designed for Versatile Workloads
- 1 x AMD Venice SP8 processor (400W)
- 16 x DDR5 DIMM slots (2DPC)
- Tool-less & easy maintainable chassis
- Support dual M.2
- 1+1 PSU*

Modular Design
DC-MHS
<800mm

Air cooled support
600W/400W
CPU TDP

16 E3.S
all-flash hot-swap drive bays in 1U

Security enhanced
Dual BMC Image



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Note: Above spec are for early customer engagement and may be changed later.

Entry Xeon E Server - RS300-E12

Powered by Intel® Xeon® 6 Processors	PCIe Gen5 and DDR5 for Future Expansion	Flexible Storage with Up to 5 Devices	Onboard ASUS ASMB11-iKVM

Processor

1 x E-2400 / 6300 series processors

Storage

4 x 3.5” Hot-Swap HDD Bays

Memory

4 x DDR5 4400/4000/3600 UDIMM slots (Max 128GB)

IO Expansion

2 x Gen5 slots + 1 x Gen4 proprietary R/A slot

Power Supply

1+1 Redundant 450W 80 PLUS PLATINUM PSU

Form Factor

1U chassis - 497(L) x 439.5(W) x 44(H) (mm)



Target Application

- Designed for SMBs requiring scalable compute, storage, and PCIe Gen5 expansion

Versatility

- Powered by Intel® Xeon® 6 processors for diverse performance and efficiency

Flexibility

- Flexible storage: 4x hot-swap bays of 3.5”/2.5” drives plus 1x M.2 device

Scalability

- 2x PCIe Gen5 slots plus additional slot for networking, storage, or acceleration expansion

Serviceability

- Hot-swap feature for decline downtime (Storage bays/PSU)
- Simplify Maintenance with Tool-less design

Manageability

- Onboard ASMB11-iKVM for KVM-over-Internet
- Comprehensive and effortless IT management with ASUS Control Center

Next-Gen RS Series General Purpose Servers

Performance
2S, 32DIMM
2U/1U



RS720I-E13A
DMR 16ch, DC-MHS (822mm)
MP: Q2'27

RS720I-E13B
RS700I-E13B
COR 8ch, DC-MHS (822mm)
MP: Q3'28

RS720A-E14B
RS700A-E14B
Venice SP8, DC-MHS (822mm)
MP: Q4'26

Balance
1S, 16DIMM
2U/1U



RS520I-E14A
DMR 16ch, DC-MHS (822mm)
MP: Q2'27

RS520I-E14B
RS500I-E14B
COR 8ch, DC-MHS (<800mm)
MP: Q3'28

RS520A-E14A
Venice SP7, DC-MHS (<800mm)
MP: TBC

RS520A-E14B
RS500A-E14B
Venice SP8, DC-MHS (<800mm)
MP: Q4'26

Entry
1S, 4DIMM
1U



RS300I-E13
Nova Lake-E, Short-depth (497mm)
MP: Q3'27

INTEL

AMD

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EG Series

Edge Server
(outside of EU – but the successor for EU will come)

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ISG Edge Servers Product Segment

Edge AI / IoT / Streaming

1P, 2U/1U



Intel Eagle Stream

Industrial-grade Server

- Operating at **0˚C to 55˚C***
- Support **GPUs in short-depth chassis**
- Tool-less design

Scalable Architecture

- **Same MB** for both **1U/2U** chassis

Flexible Configuration

- Comprehensive array of **storage form factor** choice.
- Variable **PSU** wattage options.

*2U model without GPU-equipped is designed for 0–55˚C environments, and 0–35˚C for 2U/1U GPU-equipped models

EG Series Edge Servers

AI Inference and Machine Learning

- **Edge AI / LLM Inference***
- **Industrial / IoT workloads**
- **Graphic Processing / Media Streaming**
- **Goes EOL in 2H 2026 – Successor in IoT will come**

Virtualization

**Suggest LLM model size ≤ 7B*

Edge AI Inference / Media Streaming

EG500-E11-RS4-R



AC PSU (650W & 800W) + 2x Internal SATA

AC PSU (1300W)

EG500-E11-RS2-R

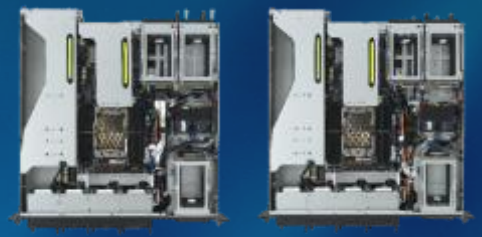


AC PSU (650W & 800W) + 2x Internal SATA

AC PSU (1300W)

Edge AI Inference / Industrial Workloads

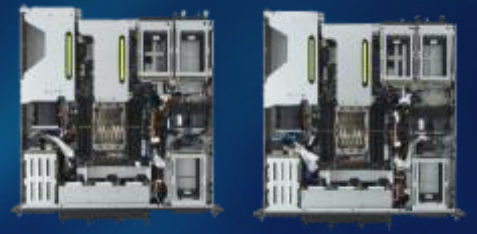
EG520-E11-RS6-R



AC PSU (1300W)

AC PSU (2000W) **Ready for PVT**

EG520-E11-RS10-R



AC PSU (1300W)

AC PSU (2000W) **Ready for PVT**

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Project Information

End User:
Application (User scenario):
Model:
90 PN:
Initial Quantity (First Batch):
Project Qty FCST:
Target Price:
Warranty Period:
Competitor(s):
Competitor's Price:

Project Timeline:
- **Project RFQ:**
- **Award date:**
- **Shipment plan in 2024/ 2025:**

Advantage：
- **Special project price for barebone**
- **Intel & AMD CPU price support**
- **Partner alliance protection**
- **EUC application**
- **Resource allocation**

