

# Global AI Intelligent Server Supply, Demand and Key Producers, 2026-2032

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## Abstracts

The global AI Intelligent Server market size is expected to reach \$ 82825 million by 2032, rising at a market growth of 15.9% CAGR during the forecast period (2026-2032).

In 2025, global sales of AI Intelligent Server reached approximately 1.2 million units, with an average market price of about USD 25,000 per unit, an annual production capacity of roughly 1.6 million units, and an industry-average gross margin of approximately 23%.

An AI Intelligent Server is a server system centered on GPUs or AI accelerators, combined with high-performance CPUs, high-bandwidth memory, NVMe storage, and high-speed interconnects (e.g., PCIe, NVLink, high-speed Ethernet), purpose-built for AI model training, inference, and parallel computation, with a focus on compute density, power efficiency, and cluster scalability.

Upstream suppliers provide GPUs/AI chips, CPUs, memory, storage, power, and cooling components; midstream players are server OEMs and system integrators handling board design, assembly, and software tuning; downstream demand comes from cloud service providers, AI startups and large internet firms, research institutions, and vertical industries such as autonomous driving, finance, healthcare, and manufacturing.

This report studies the global AI Intelligent Server production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for AI Intelligent Server and provides market size (US\$ million) and Year-over-Year (YoY)

Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of AI Intelligent Server that contribute to its increasing demand across many markets.

### **Highlights and key features of the study**

Global AI Intelligent Server total production and demand, 2021-2032, (K Units)

Global AI Intelligent Server total production value, 2021-2032, (USD Million)

Global AI Intelligent Server production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Units), (based on production site)

Global AI Intelligent Server consumption by region & country, CAGR, 2021-2032 & (K Units)

U.S. VS China: AI Intelligent Server domestic production, consumption, key domestic manufacturers and share

Global AI Intelligent Server production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Units)

Global AI Intelligent Server production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

Global AI Intelligent Server production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

This report profiles key players in the global AI Intelligent Server market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Inspur, Dell, HPE, Huawei, Lenovo, H3C, IBM, Fujitsu, Cisco, Nvidia, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World AI Intelligent Server market

### **Detailed Segmentation:**

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

### Global AI Intelligent Server Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

### Global AI Intelligent Server Market, Segmentation by Type:

CPU+GPU

CPU+FPGA

CPU+ASIC

Others

### Global AI Intelligent Server Market, Segmentation by System Formulation:

Rackmount Server

Blade Server

### Global AI Intelligent Server Market, Segmentation by Application:

Internet

Telecommunications

Government

Healthcare

Others

#### Companies Profiled:

Inspur

Dell

HPE

Huawei

Lenovo

H3C

IBM

Fujitsu

Cisco

Nvidia

Supermicro

Nettrix

Enginetech

Kunqian

PowerLeader

Fii

Digital China

GIGABYTE

ADLINK

xFusion

**Key Questions Answered:**

1. How big is the global AI Intelligent Server market?
2. What is the demand of the global AI Intelligent Server market?
3. What is the year over year growth of the global AI Intelligent Server market?
4. What is the production and production value of the global AI Intelligent Server market?
5. Who are the key producers in the global AI Intelligent Server market?
6. What are the growth factors driving the market demand?

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