

AI server supply status



Overview

A live, self-updating dashboard tracking supply shortages for AI data center components — GPU boards, networking, and cooling — with supplier financials. Live at: https://YOUR_USERNAME.unced due to geopolitical tensions that are impacting supply chains. Taiwanese firms dominate the electronic manufacturing services sector, accounting for 80% of ship inese EMS providers, concentrating on assembly levels L6 and L10-12. Key companies examined include Foxconn (Hon Hai), Wistron. AI hardware demand has driven PCB raw material prices up 30-40% and lead times from 8 to 20+ weeks. AI server and data. The enterprise server market is experiencing one of its most consequential supply cycles in recent memory. After years of chronic shortages, component lead times are finally improving in some areas—yet new bottlenecks have emerged elsewhere, pricing pressure is intensifying, and the gap between. Driven by our unwavering commitment to excellence, TrendForce leads AI server analysis, dissecting the market through the lens of supply and demand. Rising DRAM and NAND prices are driving up AI infrastructure costs, while Intel and AMD server deployments remain constrained by.



Article Content

GitHub

AI Data Center Supply Shortage Tracker A live, self-updating dashboard tracking supply shortages for AI data center

PC makers face shortages of Intel and AMD CPUs that stretch up to

AI demand for server CPUs is starting to affect the supply for consumer processors.

AI Status

Live status monitoring for ChatGPT, Claude, Gemini, DeepSeek, Llama, Mistral, Grok and more. Real-time outage alerts, trending AI

AI Server Market Size & Share, Statistics Report 2025-2034

AI Server Market Size A comprehensive report by Global Market Insights Inc. projects the global AI server market was valued at

AI Server | TrendForce

What are AI servers exactly, and why do they matter? Here is the most updated information on the status

Dell's \$43B AI Server Backlog Triggers DRAM

The market is responding. Dell's 342% AI-optimized server revenue jump and \$43 billion

2026 Global AI Server Market and Supply Chain | TrendForce

This report analyzes the global AI server market and supply chain, highlighting key players, tech shifts, and demand

AI Service Status Monitor for 800+ Tools | DownForAI

Track outages, status, and response times for 800+ AI services — from major LLMs to niche AI tools most trackers miss.

Why the AI Boom Is Making Everything More Expensive

Why the AI Boom Is Making Everything More Expensive AI demand is triggering a historic memory-chip shortage.

Data Center Supply Chains Emerge as AI Buildout's Third Chokepoint ...

Data center supply chains are now the AI buildout's third critical chokepoint, per a DP World survey of 100 executives:

CPU, SSD, and HDD Supply Constraints as AI and Data Centers

AI data center demand is driving CPU, SSD, HDD, and memory shortages in 2026. Learn what's causing supply

HBM Supply Crisis 2026: The Bottleneck Redefining AI

The 2026 HBM supply crisis creates the top bottleneck for AI infrastructure. Discover how sold-out capacity from SK Hynix & Micron

AI demand squeezes Intel and AMD server hardware supply

AI is powering a record year for chipmakers, but scarce server hardware and soaring memory prices remain major

The great data center delay: Why your AI chips are

The great data center delay: Why your AI chips are stuck in 2026 Bruce Bateman, a chief

Global AI server market and industry trends, 2025

The introduction of generative AI, particularly ChatGPT, has significantly impacted the demand for high-end AI servers

Asus and Gigabyte secure major AI server orders from Nvidia,

Supply chain operators state that due to tariffs and a surge in orders, server manufacturers are accelerating their

AI Server Demand to Drive Memory Contract Price Increases in 2Q26

Conventional DRAM contract prices expected to rise 58-63% QoQ in 2Q26; NAND Flash contract prices up 70-75%

What we know about energy use at U.S. data centers amid the AI boom

This is especially true at AI-optimized hyperscale data centers, whose advanced servers are equipped with powerful

Global server supply chain status and analysis, 2023-2025: Top-6 EMS

Considering the ongoing global supply chain shift and US-China trade policies, which have prompted a supply chain division serving

AI Server Demand Is Breaking the PCB Material —

AI Server Demand Is Breaking the PCB Material AI hardware demand has driven PCB raw

Contracting | SAM.gov

to connect through APIs to the contracting data. Search Contracting Data Select "Contracting" from the search box

DIGITIMES Special Report□Global AI server market

DIGITIMES believes that the global high-end AI server market will evolve towards greater diversification.

AI Memory Shortage 2026: What IT Leaders Need to Know

AI is driving a structural memory chip shortage affecting server, laptop, and networking costs. Learn what's causing it

AI Memory Crisis 2026: Unpacking the Global Shortage

Explore the 2026 AI memory chip shortage. Skyrocketing HBM demand strains global manufacturing

AI/HBM/Server Global Hi-Tech Industry Research Report | TrendForce

New AI Wave & DRAM Deficits: 2027 Global DRAM Outlook 2026/07/28
AI/HBM/Server, DRAM, Semiconductors PDF Driven by

AI Server Supply Chain in 2026: What Enterprise Buyers Need to Know

Navigate the 2026 AI server market with confidence. Learn about supply chain shifts, pricing trends, and smart

Global server supply chain status and analysis, 2023-2025: Top-6 EMS

EXECUTIVE SUMMARY The rise in artificial intelligence has led to a heightened demand for AI servers, with the importance of these

2026 Global AI Server Market and Supply Chain Trends | TrendForce

Geopolitics reinforce ecosystem trends, benefiting supply chains. Surging AI workloads boost HBM demand and

AI data centers require 36 times more fiber than designs with standard ...

Rahul Puri, CEO of STL's Optical Networking Business, told Fierce Network in December that AI-focused data

AI Server Supply Chain Opportunities as Cloud and GPU Demand Soars| AI ...

The global server market is undergoing transformation driven by cloud service providers, GPU vendors, and major

AI Server Market Update: Vendors Shift from Silicon to Services

The AI server market continues its explosive growth, fueled primarily by demand for GPUs – particularly from Nvidia.

Nvidia's AI ramp deepens memory squeeze as cloud providers lock up ...

Memory shortages tied to Nvidia's next wave of AI hardware are expected to intensify through 2027 and into 2028, as

How Can We Meet AI's Insatiable Demand for Compute

Technological innovation, new revenue, and public support may be needed to fund and

AI Capex 2026: The \$690B Infrastructure Sprint

2026 AI capex plans of Microsoft, Amazon, and Alphabet as spending hits \$700B. Will AI revenues justify

DIGITIMES Research highlights the market currents of

DIGITIMES Research anticipates that in 2023, over 80% of the global shipments of high-end

AI Data Center Value Chain: Every Layer from Chips to Cloud

AI data center value chain: chips to cloud. Semiconductor, GPU design, servers, networking, power, and cloud layers

Unleashing Opportunities in the AI Server Supply Chain Amid the

This report provides a deep dive into the evolving dynamics of the AI server market, analyzing shipment trends,

Contact Us

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