Value of AI Server PCB



Overview

Key PCB material suppliers announced price hikes of 10-30% for 2026, citing rising chemical and raw material costs. Key drivers include the rapid adoption of AI-enabled data centers, increasing demand for high-performance computing, and advancements in PCB manufacturing technologies. The supply crunch is causing production delays for AI. Global AI Server PCB Market Size By Configuration (Single-Socket, Dual-Socket), By Architecture (X86, ARM), By Memory Type (DDR4, DDR5), By Cooling Method (Air-Cooled, Liquid-Cooled), By Form Factor (ATX, EATX), By Geographic Scope And Forecast Key Regions: North America (U. S, Canada, Mexico). Vera Rubin (H2 2026) will push to 40+ layers and M10 materials — testing confirmed March 13, 2026. Replace with your own factory or product imagery. The global PCB market crossed $100.

Article Content

Ai Server PCB Market Size, Trends, 2026-2033 Forecast & Market

Executive Summary The Ai Server PCB Market report offers a comprehensive, data-driven analysis of the evolving landscape of printed circuit boards tailored for AI server applications.

PCB For AI Server Market''s Decade-Long Growth Trends and Future ...

The booming AI server market fuels explosive growth in the demand for specialized PCBs. Discover key market trends, forecasts (2025-2033), leading manufacturers, and regional market

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PCB Prices Jump 30% as AI Server Boom Strains Global Supply

Key Takeaways: Key PCB material suppliers announced price hikes of 10-30% for 2026, citing rising chemical and raw material costs. AI server demand is the primary driver, with PCB value

Global AI Server PCB Market Size, Growth Analysis

AI Server PCB Market size was valued at USD 1.2 Billion in 2024 and is projected to reach USD 3.5 Billion by 2033, exhibiting a CAGR of 15.5% from

The AI Server PCB Revolution of 2026

The global PCB market crossed $100.64 billion in 2026 — a milestone driven overwhelmingly by AI server and high-performance computing infrastructure.

Global PCB Market Trends 2026: AI Servers, High

The global PCB market enters a new growth cycle driven by AI servers and data centers. Learn about high-speed PCB, HDI technology, and future manufacturing

AI servers spawn strong demands for PCB

AI servers have higher requirements on chip performance and transmission rate, and usually need to use high-end GPU graphics cards and

Data Centers Account for 49.5% of PCB in AI Server Application

A PCB (Printed Circuit Board) in an AI Server is the foundational electronic platform that interconnects and supports the processors, memory, accelerators, and power management systems

Deconstructing AI Servers: A Look Inside PCB Composition and Value

Explore AI server PCB architecture, including GPU boards, AI server motherboard PCB design, and insights into the PCB for AI server market and value distribution.

AI Server PCB Market Size, Trends & Forecast 2035

Key Market Trends Insights • The Global AI Server PCB Market is poised for significant growth, with an expected CAGR of 12.9% from 2025 to 2035, driven

GMT EIGHT

The value of AI server single PCB is much higher than that of traditional servers, leading to a significant growth in demand for high-performance PCBs.

Printed Circuit Board Industry Size & Trends Report 2031

PCB Industry to grow from $85.2 Billion in 2026 to $109.68 Billion by 2031 at a 4.83% CAGR, driven by AI-server HDI demand and EV/ADAS

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Microsoft – AI, Cloud, Productivity, Computing, Gaming

Accessible AI starts with language Microsoft is working on seven projects to help more people use AI in their native tongues—for health, education, work, and more.

Dell Q1 FY 2026: Robust AI Server Sales, Guidance Lift

Dell Q1 FY 2026 results show robust AI infrastructure momentum and record ISG growth, offset by continued weakness in consumer PC demand.

Global PCB for Server Market Research Report 2026 (Status and

Report Overview According to our Semiconductor Research Center, the global total output value of PCB was about US$ 81 billion in 2022. With strong drivers from new technology, such as AI,

Positive prospects for automotive and AI server

The explosive growth of AI servers and related applications could generate great production value, surpassing the production value of cloud

AI Computing Surge Reshapes PCB Material Landscape

As AI servers evolve toward B300 and GB300 platforms, the PCB supply chain is benefiting from both higher value-added requirements and incremental demand growth.

IBM Products

Enable and optimize efficiency within your organization with these solutions. Enable rapid, on-demand access to shared computer processing resources and data.

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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