

Value of AI Server PCB



Overview

In 2025, the worldwide AI server PCB market reached USD 12. PCB For AI Server by Application (AI Training Server, AI Inference Server, Metaverse Server), by Types (Single Sided PCB, Double Sided PCB, Multilayer PCB), by North America (United States, Canada, Mexico), by South America (Brazil, Argentina, Rest of South America), by Europe (United Kingdom. According to our (Global Info Research) latest study, the global High-end AI Server PCB market size was valued at US\$ 7667 million in 2024 and is forecast to a readjusted size of USD 11474 million by 2031 with a CAGR of 6. In this report, we will assess the current U. Worldwide AI Server PCB Market 2026 Global AI Server PCB Market Size, Share & Industry Analysis, By Layer Count (18-28 Layers, Above 28 Layers), By Component Type (GPU Accelerator Module Boards, Mainboards and Switch Boards) and Regional Forecast 2026-2032. By Layer Count: The 18-28 age group. The Data Center and AI Server Printed Circuit Board Market Report is Segmented by PCB Type (Standard Multilayer (Non-HDI), High-Density Interconnect (HDI), IC Substrates (Package Substrates), High-Density Interconnect (HDI), and More), Substrate Material (Glass Epoxy (FR-4), High-Speed/Low-Loss. In 2025, the AI Server PCB Market is valued at \$18. 5 billion by 2034, registering a CAGR of 11. This growth trajectory is underpinned by the increasing demand for artificial intelligence applications across various sectors, including healthcare.



Article Content

Ai Server PCB Market Size, Trends, 2026-2033

The Ai Server PCB Market is positioned for sustained growth driven by the proliferation of AI-enabled data infrastructure, edge computing, and high

Market Watch

AI Computing Power Demand Drives Upstream PCB Material Prices Wildly, Entering a "Super Cycle" TAIPEI – Demand for upstream PCB materials is accelerating as AI servers push PCB layer counts

PCB Raw Material Prices Surge Up to 40%: How AI

2026 PCB upstream CCL price surge analysis: AI server demand drives high-end HDI and IC substrate growth, copper foil & spherical silica

AI Reshapes the Industry Landscape: Global PCB

Global PCB output value is projected to reach US\$92.36 billion in 2025, representing a robust year-on-year growth of 15.4%. Looking ahead to

Global AI Server PCB HVLP Copper Foil Market Outlook, In-Depth

The global AI Server PCB HVLP Copper Foil market is projected to grow from US\$ 86.56 million in 2025 to US\$ 153 million by 2032, at a CAGR of 7.1% (2026-2032), driven by critical product segments and

3D Scanning for AI server PCB: Virtual Assembly Before the

The application demonstrated here — AI server PCBs for major cloud infrastructure — represents the high end of PCB value density.

Ai Server PCB Market Size, Trends, 2026-2033

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

PCB industry posts record Q1 production value with rosy outlook

As AI servers would remain the core growth engine for Taiwan's PCB industry, while supplies of key materials such as high-performance glass fibers and copper clad laminates would

AI Server PCB Market Size, Share & Growth Report [2024-2034]

The AI Server PCB Market was valued at USD 1.2 billion in 2024 and is projected to reach USD 3.5 billion by 2034, registering a CAGR of 11.5%. This growth trajectory is underpinned by the

Global Server PCB Market Size, Share, Trends & Industry Forecast

Server PCB Market size was valued at USD 3.2 billion in 2025 & is estimated to reach USD 5.8 billion by 2034, exhibiting a CAGR of 7.3% from 2026-2034

AI Computing Server PCB Market, Report Size, Worth, Revenue,

The typical gross profit margin for AI Computing Server PCB is between 20% and 35%. The AI Computing Server PCB is the core printed circuit board used in AI servers to support,

Global AI Server PCB Market Size, Growth Analysis & Forecast 2026

AI Server PCB Market size was valued at \$ 1.3 Billion in 2024 & is estimated to reach \$ 3.8 Billion by 2033, exhibiting a CAGR of 12.66% from 2026-2033

Goldman Lifts AI PCB Market Forecast 53% to \$26.6 Billion

Goldman Sachs raised its 2027 forecast for the AI Printed Circuit Board (PCB) market by over 50% to \$26.6 billion, citing a structural shift to higher-value components in next-generation AI

Memory Industry Revenue Expected to Reach Record

HBM is expected to contribute 5% of DRAM bit shipments and 20% of revenue in 2024. Additionally, the penetration of high-value products like DDR5

Dell Q2 FY 2026 Results: 19% Revenue Jump, AI

Dell Q2 FY 2026 earnings highlight record ISG growth from AI servers, softer CSG results, and margin pressure as the PC refresh cycle builds.

AI Server PCB Market Report: Size, Growth, Trends

In 2025, the AI Server PCB Market is valued at \$18.50 Bn and is forecast to reach \$43.25 Bn by 2033, reflecting an estimated 11.2% CAGR.

Microsoft – AI, Cloud, Productivity, Computing, Gaming & Apps

Explore Microsoft products and services and support for your home or business. Shop Microsoft 365, Copilot, Teams, Xbox, Windows,

Global High-end AI Server PCB Market 2025 by Manufacturers,

In 2024, global High-end AI server PCB production reached approximately 4,1625 k pcs, with an average global market price of around US\$ 179 per pc. This report is a detailed and

Data Center And AI Server Printed Circuit Board Market

The Data Center And AI Server Printed Circuit Board Market size in 2026 is estimated at USD 9.71 billion, growing from 2025 value of USD 9.16

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.

Morgan Stanley: ABF Substrate > Stronger & Earlier Cycle: The

> The Rise of AI & Infrastructure: Servers, AI GPUs, AI ASICs, and networking applications have risen from a combined ~10% market share in 2015 to ~60% in 2025. They are

Circuits Assembly Online Magazine

In terms of market value, AI servers are significantly contributing to revenue growth more than general servers. The market value of AI servers is projected to exceed \$187 billion in 2024, with

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 higher PCIe standards, which will drive the

Nvidia Vera Rubin Rack Price Soars to \$7.8 Million;

Nvidia's next-generation AI server rack, Vera Rubin, is rapidly taking shape in terms of pricing. A new supply chain report from Morgan Stanley reveals that the rack

NVIDIA GB200 Supply Chain: The Global Ecosystem

Learn about the NVIDIA GB200 supply chain. We analyze the massive global ecosystem of hundreds of suppliers required, from TSMC's silicon to HBM3e and

Worldwide AI Server PCB Market 2026 - PW Consulting

Worldwide AI Server PCB Market 2026 Global AI Server PCB Market Size, Share & Industry Analysis, By Layer Count (18-28 Layers, Above 28 Layers), By Component Type (GPU

PCB For AI Server Market's Decade-Long Growth

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

PCB Industry Trends in 2026: AI Demand, High-End Manufacturing,

According to IDC, global AI server shipments are projected to exceed 2 million units by 2026. This growth is expected to drive demand for high-end PCBs by more than 110%. The PCB

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