

AI server copper foil demand is tight



Overview

Jefferies on copper foil, a potential upstream bottleneck as PCB shortages intensify: "AI PCB/CCL. driven by tech giants' rising capex plans on AI infra buildout, this trend has also brought structural changes to electrolytic copper foil as one of key upstream. The global AI Server Copper Foil market is projected to grow from US\$ 38.87 million by 2031, at a CAGR of 6.4% (2025-2031), driven by critical product segments and diverse end-use applications, while evolving U. 2% CAGR during the forecast period (2025-2031). In this report, we will assess the current U. tariff framework alongside international policy adaptations, analyzing their. Huxiu says AI servers are shifting copper foil demand toward verified HVLP4 supply, with Tongguan and Defu among A-share names to watch. According to Hankyung, citing sources, a Seoul-based PCB maker placed advance orders worth KRW 10 billion with Taiwan's EMC and TUC—more than five times its typical monthly. As manufacturers strive to minimize signal loss in high-frequency environments, the demand for specialized AI Copper Foil is gaining significant traction.



Article Content

Global AI Server HVLP Copper Foil Market Research Report 2026

The global AI Server HVLP Copper Foil market was valued at US\$ 86.56 million in 2025 and is anticipated to reach US\$ 153 million by 2032, at a CAGR of 7.1% from 2026 to 2032.

Copper foil maker Co-Tech eyes AI server applications market

Copper foil maker Co-Tech Development will continue developing products geared toward high-speed and high-frequency communications, in the wake of soaring demand for AI server

AI Server Copper Foil Market Size, Share, Growth | Emerging Trends ...

The AI Server Copper Foil Market size is expected to reach USD 3.5 billion in 2034 growing at a CAGR of 11.5. The AI Server Copper Foil Market report classifies market by segmentation, growth drivers,

AI Hardware Supply Chains Tested as Iran Tensions Rise

PCBs have emerged as a pressure point as AI server complexity increases demand for copper foil, laminates, and specialty chemicals. Alamy Escalating conflict involving Iran is raising

AI Server Copper Foil Market Size, Share, Growth | Emerging Trends ...

This surge in AI applications necessitates the development of advanced server technologies, which, in turn, drives the demand for copper foil used in server manufacturing.

High-end PCB materials shortage looms as AI demand

Copper foil crunch compounds challenges HVLP copper foil is emerging as another bottleneck. As the industry upgrades from HVLP2 to

Global AI Server Copper Foil Supply, Demand and Key Producers,

The global AI Server Copper Foil market size is expected to reach \$ 66.19 million by 2031, rising at a market growth of 6.2% CAGR during the forecast period (2025-2031).

Global AI Copper Foil Market 2026

The market's expansion is propelled by the critical need for ultra-thin, high-purity foils that can support the complex circuitry of AI servers and high-density interconnects. As manufacturers

Taiwan copper foil maker Co-Tech sees stable AI server demand

Taiwan-based Co-Tech Development said Monday it expects steady orders for specialized copper foils used in AI servers through the second half of 2025, even as the broader

AI Server Demand Puts HVLP Copper Foil in Focus

A Huxiu report argues that high-end HVLP copper foil is becoming one of the tightest materials in the AI server supply chain, with investors looking beyond GPUs, HBM, optical modules,

AI Applications Promote Copper Foil Substrate Rise,

From the supply side, the demand for AI servers has surged over the past year, prompting CCL manufacturers to upgrade their production lines to

CCL Market Tightens as Korea Import Prices Reportedly Rise

According to TrendForce on Substack, glass fiber cloth—a key raw material for CCL—is a major cost component, alongside copper foil and resin, accounting for roughly 19%, 42%, and 26% of

Global AI Server HVLP Copper Foil Sales Market Report, Competitive ...

The global AI Server HVLP Copper Foil market size was US\$ 86.56 million in 2025 and is forecast to reach a readjusted size of US\$ 153 million by 2032 with a CAGR of 7.1% during the forecast period

Jefferies on copper foil, a potential upstream bottleneck as PCB ...

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High-end PCB materials shortage looms as AI demand

Chips + components Passive, PCB, other IC components AI server capacity copper foil CoWoS demand growth materials PCB Supply

High-end PCB materials shortage looms as AI demand outpaces

HVLP copper foil is emerging as another bottleneck. As the industry upgrades from HVLP2 to HVLP4, even planned expansions by Mitsui Mining & Smelting, Furukawa Electric,

Global AI Server Copper Foil Market Outlook, In-Depth Analysis ...

Granular regional insights cover five major markets—North America, Europe, APAC, South America, and MEA—with in-depth analysis of 20+ countries. Each region's dominant products,

Global AI Server Copper Foil Supply, Demand and Key Producers,

This report explores demand trends and competition, as well as details the characteristics of AI Server Copper Foil that contribute to its increasing demand across many markets.

AI drives up demand for PCB high-speed materials, injecting copper foil ...

The industry is optimistic that with the growth of AI server and 800G switch shipments, copper foil substrate groups Taiwan Optoelectronics (2383), Taiyao (6274), and Lianmao (6213) will

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

Global AI Server PCB HVLP Copper Foil Supply, Demand and Key

The global AI Server PCB HVLP Copper Foil market size is expected to reach \$ 156 million by 2032, rising at a market growth of 6.9% CAGR during the forecast period (2026-2032).

AI Demand Is Reshaping PCB Supply Chains: Allocation Pressures

Copper foil markets are exhibiting the same pattern. VLP 1-5 grades are being prioritised to support advanced packaging and high-layer-count AI server infrastructure.

AI Server PCB HVLP Copper Foil

The global market for AI Server PCB HVLP Copper Foil was estimated to be worth US\$ 86.56 million in 2025 and is projected to reach US\$ 153 million, growing at a CAGR of 7.1% from 2026 to 2032.

Copper Foil for AI Accelerator Market

Proximity to downstream demand amplifies hub influence. Taiwan, responsible for **92% of advanced semiconductor manufacturing** (SEMI 2023), sources 80% of its high-end copper foil

New server processor availability to boost copper foil

New server processors by Intel and Advanced Micro Devices (AMD) will increase RG series copper foil demand through 2024, according to Co-Tech

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