

NEWSLETTER

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AI Adds Sparkle to Synthetic Diamond Sector

China's synthetic diamond industry is shifting from jewelry to AI chip thermal management, as demand rises for advanced cooling materials. China produces 95% of global synthetic diamonds, while exports surged 135.9% year on year in May. Industry estimates project the global market for diamond heat spreaders in AI chips to reach 59.2 billion yuan by 2030, driven by rapid AI infrastructure expansion. **(China Daily)**

CXMT Advances Toward LPDDR6 Mass Production

Chinese memory chipmaker ChangXin Memory Technologies (CXMT) is nearing completion of R&D validation for its first LPDDR6 chip, marking a key step toward mass production. The next-generation mobile memory is designed for higher speed and power efficiency to support AI applications. The development positions CXMT among the early competitors in the global transition to LPDDR6. **(China Daily)**

Alibaba Unveils Upgraded Qwen3.8-Max AI Model

Alibaba launched Qwen3.8-Max, a 2.4-trillion-parameter large language model featuring enhanced coding, reasoning and research capabilities with a 1 million-token context window. The release comes as Chinese AI firms accelerate innovation: Moonshot AI recently introduced the 2.8-trillion-parameter Kimi K3, highlighting the rapid collective advancement of China's open-source AI ecosystem. **(Xinhua)**

AI Computing Boom Drives Demand Across Industrial Supply Chain

China's artificial intelligence (AI) computing boom is boosting demand for upstream hardware and materials, with high-end printed circuit boards (PCBs) facing supply shortages and strong orders. Industry experts said the trend is driving procurement of AI infrastructure while lifting demand for industrial metals, although rapid capacity expansion may pose longer-term market risks. **(Xinhua)**

AI Applications Expand in China's Consumer and Business Sectors

AI applications are expanding across consumer and business scenarios in China, with products ranging from real-time translation screens and AI-powered tablets to automated test-paper grading and smart blackboards. The growing deployment of AI technologies highlights the sector's shift from core technology development toward practical applications in education, office work and everyday services. **(Xinhua)**