

NEWSLETTER

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China approves 6G trials to accelerate next-gen connectivity

Ministry of Industry and Information Technology of the People's Republic of China approved test frequencies for 6G mobile communication systems in the 6GHz band, allowing technical trials nationwide. The tests will support research on ultra-high data speeds, low latency and integrated sensing technologies, accelerating China's next-generation telecom development and industrial applications beyond current 5G networks. (China Daily)

China launches 180-qubit superconducting quantum computer

Origin Quantum launched the fourth-generation "Origin Wukong-180" superconducting quantum computer, featuring a 180-qubit single-core chip with 100-qubit-level computing capability. The system's four core technologies were independently developed in China. Its predecessor, the 72-qubit "Origin Wukong," handled over 900,000 computing tasks from users in more than 160 countries and received 50 million remote visits. (Global Times)

Chinese researchers develop new lithium-sulfur battery to help drones fly farther

Chinese researchers developed a lithium-sulfur battery with energy density reaching 549 watt-hours per kilogram, nearly double that of many current drone batteries. Published in Nature, the study showed the new design reduced internal resistance by 75 percent and maintained about 82 percent capacity after 800 charge-discharge cycles, potentially enabling drones to fly farther and carry heavier payloads. (Xinhua)

Dongguan dominates global AI glasses market in 2025

Dongguan, a major manufacturing city in south China's Guangdong province, produced nearly half of the world's AI glasses in 2025, with local companies shipping over four million units, according to Omdia. Global AI glasses shipments reached 8.7 million pairs, up 322 percent year on year. Dongguan is also expanding its XR industry with support from local government policies. (China Daily)

China launches pilot program for AI ethics review, services

China has launched a pilot program for AI ethics review and services in regions hosting national AI innovation zones. The initiative aims to address risks including algorithmic discrimination and emotional dependence by improving ethics review systems, risk monitoring networks and training mechanisms to support safer AI development. (People's Daily)