

NEWSLETTER**HI-TECH & INNOVATION****8 - 14 December 2025****Shenzhen pioneers brain science tech to shape future industries**

Shenzhen's Industrial Innovation Center for Brain Science and Technology, operating since 2022 with nearly 10,000 square meters of facilities, is building an incubation platform for future industries. The center has supported over 50 companies, incubated five graduates, and enabled over 300 million yuan (\$42.37 million) in investment, with total funding above 1 billion yuan (\$141 million), advancing brain science innovation. (**China Daily**)

Humanoid robot industry booms in central China's Hubei

Hubei Province is rapidly expanding its humanoid robot industry, supported by strong research, education and manufacturing strengths. The province now hosts multiple full robot makers and core component enterprises developing chips, joints and dexterous hands. A new innovation center offers scenario testing, data integration and R&D support, promoting deeper synergy between scientific innovation and industrial development. (**Xinhua**)

Airbus to use China's low orbit satellite internet service

Airbus has signed a cooperation agreement to use a low-Earth-orbit satellite internet service developed in Shanghai. The system will provide high-speed, low-latency in-flight connectivity and support more intelligent, personalized airline services. The Shanghai-based constellation features full frequency bands and a multi-layer, multi-orbit design, with commercial network construction launched in August 2024. (**People's Daily**)

Chinese tech firms race to build AI computing capabilities in space

China is accelerating space-based AI computing as firms test satellite systems that analyze data in orbit, easing Earth-based limits on power and cooling. A Beijing-led plan aims to build a dawn-dusk orbital data center with over 1 GW capacity, with the Chenguang-1 demo launching in late 2025 or early 2026. Hangzhou's 12-satellite "Three-Body" network targets 1,000+ satellites and 100 quintillion operations per second. (**Xinhua**)

China's robot industry doubles revenue in five years

China's robotics industry doubled revenue from 106.1 billion yuan (about 15 billion U.S. dollars) in 2020 to 237.89 billion yuan in 2024, with exports rising to 1.15 billion dollars. Domestic brands gained 58.5% market share, and industrial robot output hit 595,000 units in early 2025. By 2024, China deployed over 2 million robots and held 54% of global sales. (**People's Daily**)