

Avalue Showcases AI Surgery, Critical Care, and Smart Healthcare Solutions at MEDICA 2025

TAIPEI, TAIWAN, October 31, 2025

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Technology Inc. (TPEX: 3479.TWO), a global leader in industrial computing solutions, will participate in MEDICA 2025, the world's largest medical trade fair, held from November 17–20, 2025, in Düsseldorf, Germany. Together with partners Bran Navi, Cypress, and subsidiary Bytec Healthcare, Avalue will present the latest innovations in smart healthcare ecosystems. Under the theme "Empowering Smart Healthcare through AI & Edge Computing," Avalue will showcase cutting-edge solutions across four major domains—AI-assisted surgery, hybrid operating rooms, critical care, and edge AI innovation—highlighting its expertise in driving digital transformation in healthcare.



1▯▯ AI-assisted Surgery Solution

Powered by [MAB-T600-B1](#) and MAB-T660 medical-grade AI Box, this solution integrates high-brightness medical displays and multiple video inputs to support real-time image fusion, navigation, and AI-assisted analysis. It enables precise brain surgery navigation and robotic-assisted operations, enhancing surgical visualization and accuracy while ensuring greater safety in complex procedures.

2▯▯ Hybrid OR Workstation

Combining the GMD-32 medical monitor with the MAB-T660D computing system, Avalue's hybrid OR workstation supports multi-source video streaming, enabling real-time integration of endoscopic, navigation, and intraoperative imaging sources. It provides surgeons with a unified visual interface for improved control and efficiency in hybrid operating rooms.

3▯▯ Critical Care Terminal

Featuring the [HID-1540](#) medical-grade touch panel PC and EPB-1001 battery module, this mobile

medical cart solution ensures uninterrupted operation in critical care environments. The system displays real-time vital signs and includes a visual alert indicator to help caregivers respond quickly, making it ideal for emergency departments and intensive care units.

400 Innovation Zone

The Innovation Zone will showcase HID-2146, SPC-21WR2, and APC-32WR6—a lineup of next-generation panel PC platforms designed for diverse medical applications.

- HID-2146 is a high-performance medical panel PC featuring a PCIe expansion slot, offering flexibility for AI inference cards and advanced image processing modules.
- SPC-21WR2 features a stainless-steel chassis for hygienic environments, providing durability and easy sterilization for clinical use.
- APC-32WR6, powered by Rockchip, offers an ultra-slim, elegant form factor with powerful performance, ideal for smart ward management and surgical visualization systems.

Together, these innovations reflect Avalue's commitment to integrating AIoT and edge computing technologies into next-generation healthcare solutions.

Avalue presents a comprehensive smart healthcare ecosystem with our partners — combining advanced displays, medical computing, and AI integration to elevate clinical efficiency and patient safety. Avalue cordially invites you to visit Hall 16, Booth A13-1, and explore how AI and edge computing are reshaping the future of intelligent healthcare.

For more information, visit Avalue Website, or contact us using our online contact form.

About Avalue Technology

Avalue Technology was founded in 2000 and is a global leader in industrial computer solutions. Avalue Technology has a proven track record of success in the industrial control industry, and we leverage that experience to provide reliable and trustworthy customized products and services. Our primary products are embedded and industrial computer solutions, with a focus on smart healthcare, smart manufacturing, smart transportation, smart retail, and Internet of Things (IoT) applications. Avalue is committed to the sustainable growth of our company. We are guided by the business philosophy of "stability, innovation, diligence, and enthusiasm, and enjoyment of work and life." We are dedicated to leveraging the power of intelligence and sustainability to disrupt the future of digital blueprints and to drive positive, long-term change in the smart industry.

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