



DT Research Introduces DT573 and DT556 Medical Computers to Bridge the Gap Between Tablets and Traditional All-in-One Systems

New Class of Compact Medical AIO Computers Expand Point-of-Care Flexibility Across Stick Carts, Wall Mounts, and Kiosks

LAS VEGAS, Nevada, March 9, 2026 – [DT Research](#), a U.S. leader in precision-engineered computing solutions designed for mission-critical and demanding environments, today announced the unveiling of the DT573 and DT556 All-in-One (AIO) medical computers at HIMSS 2026. This new class of compact, lightweight, and fanless medical AIOs delivers flexible deployment across stick carts, wall mounts, and kiosks - enabling consistent point-of-care computing while reducing deployment complexity and maintenance overhead. The DT573 and DT556 further expand DT Research’s comprehensive line of battery-powered and mounted medical computing solutions.

“Healthcare organizations asked us for a point-of-care system that delivers the usability and screen size they need without the complexity of larger all-in-one systems,” said Daw Tsai, president of DT Research. “The DT573 and DT556 reflect direct customer input around mounting versatility and peripheral integration, offering a compact, fanless platform that supports a wide range of clinical, telehealth and specialty workflows, while maintaining the performance, hygiene, and reliability hospitals expect from DT Research medical computing solutions.”

DT Research will showcase the DT573 and DT556 medical-grade All-in-One computers at the [HIMSS 2026 Global Health Conference and Exhibition](#) in booth #1964 from March 10-12, in Las Vegas.

Compact Form Optimized for Stick Carts and Fixed Installations

For hospitals that do not require full tablet portability, the DT573 and DT556 offer a compact, lightweight alternative that is well suited for deployment on stick carts without the balance and tipping concerns associated with larger AIO systems. The fanless design and reduced footprint make the DT573 (17.3”) and DT556 (15.6”) ideal for healthcare environments where devices are mounted on stick carts, walls, arms, or kiosks rather than carried between locations.

For fixed installations, the systems can also operate while plugged in, making them well suited for patient rooms, medication dispensing areas, and in-room clinical kiosks. Both systems feature VESA mounting compatibility, enabling standardized deployment across departments while simplifying IT management and long-term lifecycle planning.

Customer-Driven Design for Seamless Peripheral Integration

A key design enhancement of the DT573 and DT556 is the rear-mounted dual battery slots, which keep the top of the unit clear for peripherals such as 360-degree cameras, larger speakers, and other clinical accessories – a critical requirement for telehealth, in-room clinician–patient–family language translation, and a broad range of specialty clinical workflows.

Hot-swappable batteries allow clinicians to maintain uninterrupted workflows during cart-based use, while AC-powered operation supports always-on deployments in fixed care settings.

Clinical-Ready Performance and Infection-Control Enclosures

Both the DT573 and DT556 feature a fanless architecture and antimicrobial enclosure, helping reduce airborne contaminants and simplify cleaning protocols in infection-sensitive environments. The systems include an IP65-sealed front bezel and IP54-rated rear enclosure, supporting safe use in demanding clinical conditions.

Powered by Intel® Core™ Ultra or Qualcomm 6490 processors, the DT573 and DT556 deliver strong multitasking performance for EMR access, imaging review, medication workflows, and everyday clinical applications. A responsive high-resolution touchscreen supports fast, intuitive interaction at the point-of-care.

Configurations include Microsoft® Windows® 11 IoT Enterprise or Ubuntu or Android 13, along with options for a dual-frequency RFID reader that reads Imprivata® badges, IR camera, smart card/CAC reader, microphone array, Wi-Fi 6E/7, and 5G connectivity - enabling secure authentication, data capture, and modern clinical workflows.

Availability

The DT573 and DT556 AIO medical computers will be available in Q2 2026 from authorized DT Research partners and resellers worldwide.

About DT Research

[DT Research™](#), a U.S. leader in precision-engineered computing solutions designed for mission-critical and demanding environments, delivers the world's most comprehensive line of Rugged Tablets, Medical Computing Solutions, and Rugged Laptops. DT Research products are uniquely designed with customizable built-in options assembled in California, providing customers with rapid time-to-market solutions that are TAA compliant. The DT Research family of products is based on embedded computing platforms that power secure, reliable and cost-effective computing. DT Research systems offer computing mobility within industrial and harsh environments through durable solutions with wireless connectivity, high-quality touch displays and Windows®, Android, and Linux operating systems. More than 200 organizations across the globe rely on DT Research solutions in industries such as government, healthcare, hospitality, logistics, military, construction and warehousing. DT Research is headquartered in Silicon Valley, California. For more information, visit www.dtresearch.com and follow @dtresearch, #MilitaryTablets, #RuggedTablets and #MedicalTablets.

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