

Golden Award AI Computing & Tech

AI Containerized Data Center



Delta Electronics, Inc.

台達電子工業股份有限公司



Winning Reason

Delta's AI Containerized Data Center is engineered to meet the extreme power and thermal demands of High-Performance Computing (HPC) and AI training. Built on the core pillars of rapid deployment, high-efficiency liquid cooling, and superior power density, this solution can be commissioned within the size of a single parking space in just a few weeks. It provides an immediate, high-performance infrastructure ready to support the operation of ultra-high-power AI servers, such as the NVIDIA GB200.

Product Feature

The AI containerized data center supports the deployment of liquid-cooled AI servers and delivers up to 60 kW of IT capacity, enabling high-density computing. Built on a standard ISO container, the compact system requires only a single parking-space footprint. It adopts a Liquid-to-Air CDU cooling system for efficient heat dissipation without requiring facility water piping, reducing infrastructure complexity. Power, cooling, and IT systems are pre-integrated and tested in the factory, with on-site deployment requiring only a power connection. This enables deployment up to 62% faster than traditional data centers. With a PUE of less than 1.19, the system delivers high energy efficiency, making it an ideal solution for rapid AI infrastructure deployment.

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Sustainable Tech Special Award AI Computing & Tech

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Winning Reason

Delta Electronics' AI Containerized Data Center offers a comprehensive AI infrastructure solution, achieving an exceptional PUE of 1.19. Specifically designed to empower Small and Medium-Sized Enterprises (SMEs), it delivers modular benefits including rapid deployment and high spatial efficiency. By bridging the gap between hardware and utility, this solution enables 'Data as Service,' meeting the sophisticated needs of modern data-driven organizations.

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