

Rittal – The System.

Faster – better – everywhere.

Industry 4.0 Solutions for Efficiency at the Edge

Edge Standalone Solutions from 1.3kW to 5.8kW

Companies struggling with finding capable infrastructure solutions for Industry 4.0/IIoT deployments at The Edge of their network have a new tool – the Rittal Micro Data Center (MDC). The need to protect high performance servers and related IT appliances from new challenges outside a traditional data center, including dust, moisture, and wide range of ambient temperatures, demands new solutions. The Rittal MDC is a self-contained enclosure solution engineered to protect these deployments. Fully configured with climate control, power distribution, and remote monitoring and access control, the MDC will match specific installation and operational requirements. Now, mission critical systems can be placed just about anywhere needed in a Rittal MDC.

- The world's largest and most trusted brand for enclosures Proven TS IT enclosure built to protect delicate IT infrastructure and withstand dust, moisture, and a wide range of ambient temperatures
- Scalable and repeatable solutions for global deployments
- Accessories available for cable management, power distribution, monitoring, security, and in-rack fire suppression
- No minimum heat load required due to hybrid technology



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Blue e+ Capacities

The Blue e+ is a completely new generation of cooling units that represents a quantum leap in cost-effectiveness and energy conservation. The patented cooling method automatically adjusts to ambient conditions, switching from a passive heat pipe to an active speed-regulated refrigerant circuit or hybrid combination. This maintains a constant temperature resulting in 75% greater energy savings than competitive products.

- The Blue e+ is the market's most efficient cooling unit, providing energy savings of up to 75%
- Harness all the benefits of innovative technology with new refrigerant, reducing the Global Warming Potential (GWP) rating by up to 56%
- Blue e+ units guarantee a longer service life for installed components, global usability, and Industrial Internet of Things (IIoT) communications capabilities
- The Blue e+ sets the industry standard for sustainability by both saving energy and lowering your carbon footprint
- Capacities range from 1.3kW to 5.8kW with a single Blue e+ capacities

UNDERSTANDING IT FOR INDUSTRIAL APPLICATIONS

Rittal leverages our proven history in industrial environments and our expertise in IT cooling to help manufacturers extend their IT infrastructure into industrial environments. As climate control and rack systems move into areas with fluctuating temperatures, air-driven contaminants, and small footprints, Rittal NEMA-rated, turnkey solutions reduce deployment time, deliver scalability, and improve energy efficiency.

Double the life of your electronics with every 18°F/10°C drop in temperature



LEARN MORE ABOUT BLUE e+ CAPACITIES

Scan the QR code to get started.

Rittal LLC

Woodfield Corporate Center
425 North Martingale Road, Suite 400 • Schaumburg, Illinois 60173 • USA
Phone: 937-399-0500 • Toll-free: 800-477-4000
Email: rittal@rittal.us • Online: www.rittal.com

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