

Rittal – The System.

Faster – better – everywhere.

Edge Solutions for Industry 4.0

Standalone from 1.3kW to 1.6kW

The Edge is everywhere. Pushing data to support your processes is the new frontier on the factory floor, in the distribution center, in a transit hub. Data, and the IT hardware supporting these processes and applications, demand the highest level of availability. Rittal Micro Data Center (MDC) solutions for the Edge provide a comprehensive and self-contained platform to support your next Industry 4.0 deployment. The Rittal MDC starts with the proven TS IT enclosure, adds the efficiency of Blue e+ AC climate control, and tops it off with a broad range of accessories to support cable management, power distribution, monitoring, and security. Engineered to protect your IT deployments, prevent unauthorized access, and maximize network uptime and resiliency. Rittal's pre-configured solutions can fit your individual requirements.

- 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 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



1.	Pre-engineered solutions with minimal site preparation — unpack, install, deploy, repeat
2.	Sealed to protect mission-critical IT equipment from dust, dirt, and water
3.	Safety, security, stability — designed to maximize uptime
4.	Remote monitoring and control for locations with limited IT support infrastructure

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IT INFRASTRUCTURE

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System Parameters		MDC Blue e+ Small (1.3kW)	MDC Blue e+ Small (1.6kW)	
General Information	Model Number	EAC-13R Blue e+ Ready Roof	EAC-16M Cable Entry Roof	EAC-16S Solid Roof
	IT Load (Max.)*	1.3kW	1.6kW	
	System Equipment	1 IT enclosure, 1 Blue e+ cooling unit; additional options listed below		
	Overall Dimensions	64" (H) x 32" (W) x 40" (D)	51" (H) x 44" (W) x 40" (D)	
	System Color	RAL 7035 Light Gray		
Base System				
IT Enclosure	Type/Doors	24U Enclosure with Solid Front Viewing and Solid Steel Rear Door		
	Dimensions	47" (H) x 32" (W) x 40" (D)		
	Accessories	Cable Management, Base Gland Plate, Sidewalls, LED light		
	Protection Rating	NEMA 12 / IP 54 with pleated filter	NEMA 12 / IP 55	
Cooling	Type	Self-contained Blue e+ air conditioner with two cooling circuits: active refrigerant cycle and passive hybrid heat pipe technology. IoT Interface for remote monitoring.		
	Mounting Location	Roof	Sidewall	
	Dimensions	12" (H) x 18" (W) x 22" (D)	37" (H) x 16" (W) x 12" (D)	
	Input Voltage	110-240V, 1~, 50-60Hz 380-480V, 3~, 50-60Hz		
	Refrigerant	R134a		
	Condensate	Integrated electric condensate evaporator		
Base	Base (Plinth)	4" raised base on IT enclosure for installation on slab floor		
Options				
Power	UPS	1x - 2000VA/1920W, NEMA 5-20P input, (8) 5-20R Receptacles, 120V, Rackmount 2U		
	Rack PDU: Basic	1x - 2.4kW Single-Phase 120V PDU, (13) NEMA 5-15/20R Outlets, NEMA 5-20P Input, Rackmount 1U		
	Rack PDU: Metered	1x - 1.92kW Single-Phase 120V PDU, (12) NEMA 5-15/5-20R Outlets, NEMA 5-20P Input, Metered Inlet, Rackmount 1U		
Monitoring	Environmental	Vandalism, temperature/humidity, leak detection. Additional sensors available		
	Remote	Remote monitoring via web browser; alerts via SNMP and other protocols		
Security	Rack Access	Key lock; access notification. Optional network camera		
Safety	Fire Suppression/Smoke Detection	Optical smoke sensor		
Services	Optional	Installation, configuring, start-up service, preventative maintenance		



LEARN MORE ABOUT BLUE e+ CAPACITIES

Scan the QR code to get started.

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