

Rittal – The System.

Faster – better – everywhere.

► Edge Standalone Solutions EDX 12 & 20kW Open Loop

Simplify the specification process for your standalone Edge application with Rittal's pre-engineered Edge DX (EDX) platform designs. For higher thermal loads, exceeding the capacities of the EAC standalone platforms, the EDX platforms can scale up to support increasing densities. These integrated enclosure solutions are equipped with cooling, power, monitoring, smoke detection, and accessories

For Edge installations in controlled environments but not in a 'typical' IT space, protecting your investment is still critical. The Open Loop EDX can be deployed without the need to redesign the installation space, being suitable for deployment in a variety of indoor applications.

The EDX system utilizes the Rittal LCP DX, a row-based split cooling system with a highly efficient inverter-controlled compressor, to provide flexible, scalable, and adaptable climate control.



Edge Standalone Solutions

Pre-engineered platform solutions - base system with available options for specific application requirements	✓
Scale as needed – support multiple enclosures and LCP DX units for larger deployments	✓
Safety, security, reliability – designed to maximize resiliency and uptime	✓
Remote monitoring and control for locations with limited site support	✓

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IT INFRASTRUCTURE

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System Parameters

EDX 12kW

General Information	Model Number	EDX12-2OP	EDX12-1OP
	IT Load	12kW maximum. 3kW minimum recommended.	
	System Equipment	1 IT enclosure, 1 LCP DX cooling unit	2 IT enclosures, 1 LCP DX cooling unit
	System Dimensions	79" (H) x 44" (W) x 48" (D)	79" (H) x 75" (W) x 48" (D)
	System Color	Enclosures: Black (RAL 9005)	

Base System

IT Enclosure(s)	Type	42U enclosure with perforated front and rear doors
	Dimensions	472U/79" (H) x 32" (W) x 48" (D)
	Accessories	Cable Management, TS IT 3-Part Roof, Base Gland Plate, Sidewalls, LED light
Cooling	Type	LCP DX row-based cooling; open loop design. Single circuit air-cooled external condenser with horizontal airflow.
	Doors	Perforated front and rear doors
	Dimensions	LCP DX unit: 79" (H) x 12" (W) x 48" (D) External condenser: 45.6" (H) x 70" (W) x 18" (D)
	Input Voltage	208V, 1~, 60Hz
	Refrigerant	R410a
	Service	LCP DX start-up service and extended warranty
Enclosure Base	Base (Plinth)	8" raised base on IT and LCP enclosures for installation on slab floor

Options

Power	UPS	2x - 208V, 1~, 8000VA/6900W, 6U unit
	Rack PDU	2x - 208V, 30A, 1~, 5kW, Smart
Monitoring	Environmental	Temperature/humidity, leak, and vandalism sensors
	Remote	Remote monitoring on web browser; alerts via SNMP and other protocols
Security	Rack	Rack access control with PIN pad or card reader. Network camera.
Safety	Smoke Detection	Optical smoke sensor
Services	On-Site	Mechanical and electrical installation, configuration, commissioning, preventative maintenance

System Parameters

EDX 20kW

General Information	Model Number	EDX20-2OP	EDX20-1OP
	IT Load	20kW maximum. 5kW minimum recommended.	
	System Equipment	1 IT enclosure, 1 LCP DX cooling unit	2 IT enclosures, 1 LCP DX cooling unit
	System Dimensions	79" (H) x 44" (W) x 48" (D)	79" (H) x 75" (W) x 48" (D)
	System Color	Enclosures: Black (RAL 9005)	

Base System

IT Enclosure(s)	Type	42U enclosure with perforated front and rear doors
	Dimensions	472U/79" (H) x 32" (W) x 48" (D)
	Accessories	Cable Management, TS IT 3-Part Roof, Base Gland Plate, Sidewalls, LED light
Cooling	Type	LCP DX row-based cooling; open loop design. Single circuit air-cooled external condenser with horizontal airflow.
	Doors	Perforated front and rear doors
	Dimensions	LCP DX unit: 79" (H) x 12" (W) x 48" (D) External condenser: 45.6" (H) x 70" (W) x 18" (D)
	Input Voltage	208V, 1~, 60Hz
	Refrigerant	R410a
	Service	LCP DX start-up service and extended warranty
Enclosure Base	Base (Plinth)	8" raised base on IT and LCP enclosures for installation on slab floor

Options

Power	UPS	3x - 208V, 1~, 8000VA/6900W, 6U unit
	Rack PDU	4x - 208V, 30A, 1~, 5kW, Smart
Monitoring	Environmental	Temperature/humidity, leak, and vandalism sensors
	Remote	Remote monitoring on web browser; alerts via SNMP and other protocols
Security	Rack	Rack access control with PIN pad or card reader. Network camera.
Safety	Smoke Detection	Optical smoke sensor
Services	On-Site	Mechanical and electrical installation, configuration, commissioning, preventative maintenance

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