EdgeRack Industrial 8M

Micro Data Center Cabinet

ENCONNEX®
Born to Innovate™

Product Overview

The EdgeRack Industrial 8M is a micro data center cabinet for industrial environments and edge deployments. It includes a self-contained, side-mounted cooling unit with up to 8kW of cooling capacity. The EdgeRack Industrial 8M is the ideal solution for securing your IT infrastructure in manufacturing sites with less controlled or dirtier environments.

Best-in-Class Cooling Capacity

The 8M is the only micro data center cabinet on the market with a self-contained, side-mounted cooling unit offering up to 8kW of cooling capacity. It has IP55 and NEMA 12 protection ratings, and its built-in condensate processing device eliminates the need to attach water drainage pipes. The EdgeRack quality and utility are unmatched when it comes to edge computing.

Compliance/Standards

Safety Compliance	CE-LVD
EMC Compliance	CE-EMC, FCC
Environmental Compliance	RoHS, REACH, Prop65
Protection Rating	IP55, NEMA 12

Key Attributes

INDUSTRIAL-LEVEL PROTECTION
An innovative cabinet design meeting NEMA 12 and IP55 rating to guard your IT equipment even in harsh environments.

INTEGRATED HIGHLY EFFICIENT COOLING
The cooling system offers an excellent cooling capacity of up to 8kW, which can be adjusted in real time to adapt to the IT load thanks to the use of an inverter compressor and EC fans.

PLUG-AND-PLAY
Self-contained, side-mounted cooling unit and condensate water processing unit enable you to deploy quickly and easily within hours. There is no need to connect copper coolant or water drainage pipes.

ENHANCED SECURITY
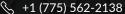Optional electromagnetic lock secures your IT equipment and enhances security. It will automatically open the door in case of an emergency.

MINIMAL MAINTENANCE
Side panels are removable with a security-head bit (included). Cooling unit has access panel and fans are modular and hot-swappable.

EdgeRack Industrial 8M Cabinet Parts and Components

The EdgeRack Industrial 8M comes with a variety of parts and components. The cabinet's door is available with either an electromagnetic or mechanical locking system to provide maximum security. The 8kW cooling unit comes equipped with a ventilated opening in its top panel for hot exhaust air to be expelled into the ambient environment. A top-mounted plenum and flexible air duct for easy connection into an HVAC return are also available. A 4.3" display on the cooling unit allows for system monitoring and supports remote access. There are three environmental sensors that monitor temperature and humidity, provide leak detection, and smoke detection. Four vertical cable management bars ensure the cabling is secure and organized.

Rugged Construction

The EdgeRack Industrial 8M is perfect for industrial environments and edge deployments, including remote manufacturing facilities, warehouses, and more. It unlocks real-time data collection and processing in traditionally prohibitive environments. Experience reduced network delays and get actionable data quicker with the 8M.