ENCONNEX®
Born to Innovate™

EdgeRack 5M Self-Contained Micro Data Center

EdgeRack 5M Works Like a Dog

Engineered to be edge computing's best friend, the EdgeRack 5M is dependable, hard-working, and dedicated to performance. The 5M features 5kW of self-contained cooling, environmental sensors, remote monitoring and management, security and privacy features, and much more in a standard rack footprint. It has everything you need for efficient and effective edge computing.

Bred to Expand the Edge

The explosion of technologies such as IoT, 5G, AI, cloud computing, supercomputing, and the convergence of IT and OT technologies have pushed traditional data centers to the brink. Network engineers must adopt new strategies to keep up with the mountains of data being generated. Enter edge computing.

Once a luxury, edge computing is now a necessity. Positioning storage and processing power closer to where the data is being generated relieves stress on centralized data centers and breathes life into latency-sensitive technologies such as automation, streaming, and web conferencing.

5M Brings Big Performance in a Compact Size

Edge computing is not without challenges. Luckily, our engineers have decades of collective experience working for and with the biggest names in technology. They anticipated common challenges based on real-world experience and have incorporated solutions into the 5M.

EDGERACK

EdgeRack 5M **Fetches Solutions**

Sniffs Out Threats

Challenge Non-traditional computing environments such as remote branches or warehouses present different environmental risks than traditional data centers.

Solution The 5M has smart sensors to alert you of potential environmental risks like heat and humidity. Further, the front door's electromagnetic lock will automatically open in an emergency, and 5Ms can be deployed side-by-side to share cooling and add a layer of resiliency.

Guards Your Equipment

Challenge Managing edge data centers and networking environments effectively requires human interaction. The issue with that is they're often in remote locations.

Solution The 5M comes with remote monitoring and management capabilities and a robust set of privacy and security features to limit the need for on-site visits.

Easy to Deploy, Maintain, and Scale

Challenge Network architecture evolves quickly. Operators need to be able to easily reconfigure or scale up their edge deployments to meet changing demands and provide maximum value to the business.

Solution The 5M has an intuitive LCD touchscreen display for easy management, four 2.5" heavy-duty swivel casters for easy maneuverability on the floor, LED lights in the top of the cabinet for maximum visibility, and its cooling unit is easily accessible and requires minimal maintenance.

Trained for Efficient Performance

Challenge Edge computing requires environmental controls. Administrators need to maintain optimal operating temperatures without having the luxury of traditional data center cooling systems.

Solution The 5M has a built-in, bottom-mounted cooling unit with 5kW of variable cooling capacity and an integrated condensate water processing device. It requires no external water drainage or coolant pipes and minimal maintenance.

Make Your Deployment a Howling Success

> 42U cabinet available in both 23.6" (600 mm) and 31.5" (800 mm) widths.

> NEMA and IEC plug options.

> Combination dual PDU mounting brackets and cable lashing panels preinstalled in rear corners.

> Vertical cable manager with hinged cover and lashing panel for the 31.5" (800 mm) wide version.

> Bottom-mounted cooling unit with 5kW of capacity.

> Inverter compressor and EC fans allow RCU to adjust to the IT load.

> Condensate water processing device built into RCU to evaporate excess water.

> Environmental sensors (temperature, humidity, water leakage, smoke).

> Front door has an auto-open feature to protect equipment in the event of excessive heat or a loss of power.

> Remote management and monitoring.

> Front and rear air intake and exhaust allow side-by-side deployments with cooling redundancy.

> Prefabricated, pre-tested, ships fully assembled.

Experience the **EdgeRack** 5M today at **enconnex.com/edgerack-5m-lp**
We promise it'll be more than puppy love.