

Instant Edge 44U

Micro Data Center

Up to 12kW 42,000 BTU of closed loop cooling directly to the equipment. NEMA 12, 4 & 4x (IP55, 65&66). These enclosures can fully replace the data center building. Add single units or groups of units as requirements increase, providing a flexible, scalable and cost-effective IT solution.

The Instant Edge allows you to add a full rack of IT equipment almost anywhere you need it. Included onboard is up to 12kW of closed loop AC cooling. By definition, closed loop means no particulates are getting into your cabinet. You can place these in caustic and dusty environments with no harm to your IT gear. Bring your IT equipment closer to your projects. This Micro Data Center allows you to expand the edge of your infrastructure and put your IT where it's useful.

APPLICATIONS

Hybrid Cloud
Data Center Retrofit
Consolidation
High-Density Zone
Remote Location
Disaster Recovery
Edge Compute
IoT & Smart Cities

CAPEX SAVINGS

Reduce costs to **Plan, Build, and Implement**

OPEX SAVINGS

Reduce footprint
Reduce cooling and electrical costs
Move by a pallet jack or forklift
Relocate your facility
Reduce overall operating expenses



INSTANT DATA CENTERS

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Instant Edge 44U

NEMA4, 4X, IP65 & IP66

DIMENSIONS	89" TALL	30 1/2" WIDE	75" DEEP*
	2260 MM TALL	762 MM WIDE	1905 MM DEEP*

W/MISSION CRITICAL VENTING (MCV)

	95" TALL	30 1/2" WIDE	75" DEEP*
	2414 MM TALL	762 MM WIDE	1905 MM DEEP*

WEIGHT	1,100 LBS *
DYNAMIC LOAD CAPACITY	1,500 LBS *
OPERATIONAL TEMPERATURE	- 40 TO 131 F*
HIGH DENSITY EQUIPMENT CAPACITY	36U
LOW DENSITY (NETWORK) EQUIPMENT CAPACITY	6U
TOTAL RACK UNITS "U"	42U
TOTAL EQUIPMENT CAPACITY	12 KW/40,945 BTU (A/C)

* DEPENDING UPON UPGRADE OPTIONS SELECTED



FEATURES

- Built-In Closed Loop Cooling Up To 12kW (42,000BTU)**
- NEMA 12, 4, 4x, IP55 ,65 & 66**
- 19" EIA Rack**
- Rapid Deployment**
- Sound Dampening**
- Active Fire Suppression**
- Novac 1230**
- 16R Insulation Option**
- Electronic Key(s) Interface**
- Cable Ingress Top or Bottom**

Mission Critical Venting (MCV)



Mission Critical Venting (MCV) provides ventilation and redundant cooling at the cabinet-level. MCV is a patented product from Instant Data Centers available for almost any of our enclosures. MCV provides active fast triggered ventilation in the event of an AC equipment failure or total power loss. MCV will trigger on temperature spike or can be programmed to ventilate on a timer for NiMH UPS gassing.

MCV includes NEMA4 IP66 sealed mechanical louvers on the front door and chimney. These louvers open, then high-powered fans turn on, and the enclosure ventilates to the atmosphere. Using ambient outside air, avoiding any heat buildup while a graceful shutdown is performed, or while the generator starts up in the background.

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