

Product Specifications

Micro EDGE Data Center

KEY FEATURES

- Self-cooling, self-contained cabinet for IT Infrastructure equipment placed at the EDGE to reduce latency or for local computation
- Plug & Play standalone data center in an IP54 enclosure designed per 942-B standards
- Tested, Documented and Lights On at factory in controlled setting. Additional services available
- Deployment within hours of IT infrastructure equipment with up to 4 kW capacity
- Cabinet includes Power Management, Fire Suppression, Environmental Monitoring System, UPS and optional DCIM modules
- Real-Time monitoring through EMS of Humidity, Air Flow, Liquid, Vibration, Temperature and Door Contact
- Significantly lower CAPEX investment when compared to typical computer room or leased colo space
- Easy Deployment at remote locations without IT professionals since Micro Data Center cabinets can be controlled remotely



AC Unit for Micro Data Center
 2kW-4kW Cooling Capacity
 External temperature range: (-5 °C to 46 °C)



ORDERING INFORMATION

PART NO.	DESCRIPTION
DCMC-2K2460A-CC	24U Micro Cabinet, 24 x 40, 2kW Capacity
DCMC-4K2460A-CC	24U Micro Cabinet, 24 x 40, 4kW Capacity
DCMC-2K3660A-CC	36U Micro Cabinet, 24 x 40, 2kW Capacity
DCMC-4K3660A-CC	36U Micro Cabinet, 24 x 40, 4kW Capacity
DCMC-4K4260A-CC	42U Micro Cabinet, 24 x 40, 4kW Capacity

Specify color by substituting **CC** in P/N for the following: LG BK



Internal UPS
 Up to 10 KVA Output Power
 12V VRLA batteries for backup
 Three segment charging mode

Product Specifications

Micro Edge Data Center

■ SPECIFICATIONS

CONSTRUCTION

Frame: Anodized aluminum extrusion profiles
Hardware: 1.2 to 2 mm steel
Finish:
Doors, Panels, Covers: Electrostatic powder paint
Mounting Rails: Zinc plated
Mounting Screws: Carbon Steel
AC Unit: 1.5mm Steel

DIMENSIONS

24U:
Exterior: 24" W x 40" D x 42" H (600 x 1000 x 1066 mm)
Exterior (with cooling units): 24" W x 40" D x 63" H (600 x 1000 x 1600 mm)
Interior: 22" W x 37.3" D x 39.3" H (559 x 947 x 998 mm)
36U:
Exterior: 24" W x 40" D x 63" H (600 x 1000 x 1600 mm)
Exterior (with cooling units): 24" W x 40" D x 89" H (600 x 1000 x 2263 mm)
Interior: 22" W x 37.3" D x 61.3" H (559 x 947 x 1557 mm)
42U:
Exterior: 24" W x 40" D x 74" H (600 x 1000 x 1880 mm)
Exterior (with cooling units): 24" W x 40" D x 100" H (600 x 1000 x 2529 mm)
Interior: 22" W x 37.3" D x 71.3" H (559 x 947 x 1811 mm)

WEIGHT

24U: 78 lb (35 kg); with cooling units: 120 lb (54 kg)
36U: 97 lb (44 kg); with cooling units: 151 lb (68 kg)
42U: 119 lb (54 kg); with cooling units: 166 lb (75 kg)
Max Load: Up to 4,409 lb (2000 kg)

POWER INPUT

IP PDU:
Amp: 16A and 32A, 10A per Socket
Voltage: 250 VAC
Power Capacity: 16A = 3680W, 32A = 7360W
AC Unit: 6-20 NEMA C20 Plug
UPS: Single-Phase, 40-70Hz, 176-275 VAC

POWER OUTPUT

IP PDU:
Amp: 16A and 32A, 10A per Socket
Outlets: C13, C19 IEC
Voltage: 120V, 208-240V
Frequency: 50/60 Hz
AC Unit: 2 kW: 1300W, 6A
3.8kW: 2620W, 11.6A
UPS: 3-5, 4-9 kW, 50/60 Hz, 220V/230V/240V

COOLING

Capacity: 2kW & 4 kW
Power: 230VAC, 50 Hz
External Temperature: 23 °F to 115 °F (-5 °C to 46 °C)
Air Flow: Cold air from front to hot air through the back

ENVIRONMENTAL CONDITIONS

Service Temperature: 32 °F to 131 °F (0 °C to 55 °C)
Operating RH: 20% to 85% Max (non-condensing)
Operating Area: Maintain a minimum clearance of 19.7" (500 mm)

COMPLIANCE

RoHS; UL 2416; UL 94 V-0, EIA 310D or EIA 310E, IP54, EN 62040-1 (Safety), EN 62040-2 (EMC), CE Approved, IEC 61000-4-2/3/4, IEC 62040-2 Category 3, IEC/EN 61000-2-2, EN55022, EN6100-3-2, EN50130-4, EN6100-3-2, EN61000-4-5/6, EN61000-4-11

WARRANTY

5 - Year Limited