



Quality Products. Service Excellence.

NEMA 12 Server Rack Cabinet (3000 lb) HDME Series

Sealed server rack cabinet designed for industrial and harsh environments requiring protection from dust, dirt, and contaminants.



Key Features and Benefits

- 14-gauge welded steel frame with sealed doors and panels (3000 lb **capacity**) provides heavy-duty protection for equipment in harsh environments. Lift-tested to 900 lbs (408 kg) of equipment load when used with our **HDMELB** lifting eye bolts.
- NEMA Type 12 rated enclosure (UL 508A) protects against dust, dirt, dripping liquids, and airborne contaminants.
- Sealed cabinet construction with gasketed doors and panels ensures protection from moisture, dust, and air contaminants.
- Square hole EIA-310 compliant mounting rails (12-gauge steel) support server and network equipment, including sliding rail compatibility.
- Two (2) pairs of adjustable depth mounting rails support flexible equipment installation and configuration. Includes a starter pack of mounting hardware (**CAGKIT1032-50**).
- Integrated gland plates (top and bottom) support sealed cable entry and environmental protection.
- Optional cooling solutions (filter fans and accessories) support airflow in sealed environments.
- Doors open to 135° with optional window door configuration support access and visibility.
- Reinforced top panel with lifting provisions supports safe handling and installation in industrial environments.
- Welded frame with factory-installed leveling feet, grounding studs, and caster mounting points supports stable installation, grounding, and mobility.
- Meets PCI DSS (Payment Card Industry Data Security Standard) when properly configured and installed supports secure deployment of payment and sensitive data systems.
- TAA-compliant, manufactured in North America supports government procurement requirements.
- Black powder coat finish (GREENGUARD, TSCA, RoHS compliant) supports indoor air quality and environmental compliance.

The HDME Series NEMA 12 server rack cabinet is designed for industrial and harsh environments where standard IT cabinets are not suitable. With a 3000 lb load capacity and sealed construction, it protects equipment from dust, dirt, moisture, and contaminants.

Built for factory floors, utilities, and non-climate-controlled environments, the HDME supports server and network equipment while maintaining environmental protection and installation flexibility.

Where the series works best

- Industrial and manufacturing environments.
- Factory floors and automation systems.
- Utilities and infrastructure installations.
- Warehouses and non-climate-controlled IT spaces.
- Edge deployments requiring environmental protection.




Applications and when to use the series

- Applications requiring sealed cabinets for dust, dirt, and contaminant protection.
- Environments where standard IT cabinets are not suitable due to environmental exposure.
- Installations requiring NEMA-rated protection for network or server equipment.
- Deployments where equipment must operate in industrial or harsh conditions.
- Applications requiring secure, enclosed rack mounting in non-traditional IT environments.

When another product may be a better choice

- When you need a wall-mounted sealed solution for smaller industrial applications, consider our **NWC** or **NWM** Series.

 **We're considering adding a NEMA 4 and 4X version of the HDME. Click here to provide your input.**

Accessories

- Climate Control
- Grid System
- Frame Joining Kit
- 10-32 Mounting Hardware
- Rack Mount Locking Storage Drawer
- Power Distribution Units (PDUs)
- 10 AWG Bonding Wire Kits
- Rack Panels for Rack Optimization
- Datawind Filterfans
- Tamper Resistant Screws
- Grid Strap Spacer
- Rack and Cabinet Stem Casters
- Universal Rack Shelf Fixed Steel (Up to 200 lb Capacity)
- Adjustable Server Rack Shelf
- Vertical Cable Tray with Optional PDU Mount for Server Cabinets
- Copper Bonding Busbar
- Liquid-Tight Cordgrips (Nylon)

Part No.	Overall Dimensions			Rack Units	Usable Mounting Dimensions		
	Height	Width	Depth		Height	Width	Depth
HDME2068BK	81.14	23.62	31.50	42U	75.04	19.00	25.12
HDME20610BK	81.14	23.62	39.37	42U	75.04	19.00	32.99
HDME2268BK	89.02	23.62	31.50	47U	82.91	19.00	25.12
HDME22610BK	89.02	23.62	39.37	47U	82.91	19.00	32.99

Overall height includes leveling feet.

Compatible Filter Fan Specifications

Filter Fan Part No.	Exhaust Filter Part No.	Cutout Dimensions		Colour	Voltage	Power	Airflow (CFM)	Max. Static Pressure (Airflow = 0)
		Height	Width					
PF65000T12BK	PFA60000BK	12.00	12.00	Black	115V	90W	230	74 Pa
PF65000T12BK230	PFA60000BK	12.00	12.00	Black	230V	150W	230	74 Pa
PF66000T12BK	PFA60000BK	12.00	12.00	Black	115V	160W	295	134 Pa
PF66000T12BK230	PFA60000BK	12.00	12.00	Black	230V	150W	295	134 Pa
PF67000T12BK	PFA60000BK	12.00	12.00	Black	115V	195W	368	187 Pa
PF67000T12BK230	PFA60000LG	12.00	12.00	Black	230V	214W	368	187 Pa

Tags: NEMA cabinet, NEMA 12 cabinet, industrial server cabinet, sealed rack cabinet, dust tight cabinet, network cabinet, industrial IT cabinet, rack enclosure, server enclosure

Data subject to change without notice

