AEONS
TECHNOLOGIES

Product Data Sheet

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42U PF Series Data Center Server Rack Enclosure Vented Door Server-Depth, Extra-Width
PF8042

Highlights

- Best-in-class energy efficiency, Air-Seal airflow optimization

- 4,400 lb stationary and 2,700 lb rolling load rating.

- Heavy gauge rails, galvanized with automatic potential equalization built in.

- Built-in air dam and cable managers for cooling efficiency and stream-lined cabling.

- Locking, removable and reversible front and split rear doors.

- Pre-installed casters and internal access leveling feet.

- 10-year limited warranty

Description

Aeons PF series server enclosures are versatile and feature-rich enclosures engineered for demanding IT environments, including high-density and remote edge environments. These enclosures features enhanced frame design, easier equipment rail adjustment, efficient accessory and cable organization, smarter air flow management to facilitate a faster installation, greater flexibility and reduced operating costs.

Features

Secure and Flexible
- Lighter but stronger! Innovative lightweight frame structure design for enhanced stability and strength.
- Heavy gauge mounting rails galvanized for automatic potential equalization.
- 4,400 lb (2,000 kg) static on leveling feet and 2,700 lb (1,200 kg) rolling load on casters. (Enclosure has been tested and approved to be combined with proper bolt down accessories to meet various seismic requirements.)

Energy efficiency
- Built-in front and rear AirSeal design form complete seal around the sides for high efficiency cooling performance.
- Cable entry openings come with TrimSleeve grommet for cable passthrough and provisions for airflow management.
- Perforated front and rear doors optimized for increased ventilation of servers and networking equipment. Doors 78% perforated.

Accessory and Cable management
- The full-enclosure height rear accessory channels offer zero-U flush mounting of PDUs, cable organizers and other accessories.
- Mounting rails and enclosure frames integrate with vertical finger cable managers and pass-through holes, with TrimSleeve grommets for routing cabling from front-to-back or to adjacent racks in a row while still maintaining proper airflow.
- 32in (800mm) wide cabinets include zero-U mounting holes besides the EIA 19" mounting space for installation of airflow and cable management accessories.
- Ships fully assembled or knock-down packaging with easy on-site assembly, time-saving and convenient delivery.

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Specifications

Overview	
Model	PF8042
Type	Enclosure
Style	Floor-Standing
Physical	
Rack Height	42U
Rack Depth (in. / mm)	39.4 / 1000
Maximum Device Depth (in. / mm)	35.4 / 900
Front Door Type	Perforated
Load capacity (lbs / kg)	4,400 / 1996
Load capacity - Rolling (lbs / kg)	2,700 / 1,200
Number of vertical mounting rails	4
Number of L brackets	N/A
Shelves	N/A
Cable access	Top, Bottom
Unit Dimensions (H x W x D / in.)	81 x 31.5 x 39.5
Unit weight (lbs)	262
Shipping Dimensions (H x W x D / in.)	87 x 36 x 44
Shipping weight (lbs)	306
Color	Black
Other Features	
Grounding lug	Yes
Grounding Wire kit	Yes
Built-in cable management	Yes
Standards & Compliance	
Compliance	RoHS, CE, EIA/ECA-310-E, IP20 Protection
Warranty	
Warranty Period	10-year limited warranty