

Pre-Configured Server Rack Cabinet (3000 lb) *C4RR_D Series*

Pre-configured server rack cabinet based on the C4 platform, optimized for data center and network deployments requiring airflow and cable management.



As seen on Linus Tech Tips. [Click here for video](#)

Key Features and Benefits

- 14-gauge welded steel frame with 12-gauge reinforced corner brackets and 16-gauge doors and side panels (3000 lb capacity) provides high-strength support for server, network, and IT equipment.
- Pre-configured cabinet design based on the C4 platform supports rapid deployment and reduces design and configuration time.
- Ships assembled with factory-installed components allows immediate installation in data center environments.
- Two (2) pairs of infinitely adjustable EIA-310 compliant square hole mounting rails (12-gauge steel) support flexible equipment installation. Includes a starter pack of mounting hardware.
- Flush-mounted front and rear doors (approx. 65% open area) support airflow for active IT and network equipment.
- Integrated vertical cable tray with tool-less PDU mounting improves cable organization and simplifies installation.
- Available in 24" and 30" widths with multiple depths (31.5", 36", 42") supports a wide range of deployment requirements and cabling strategies.
- Top panel with cable entry holes and fan cutouts supports overhead cable routing and airflow integration.
- Grounding and bonding provisions throughout frame, doors, and panels support safe installation and compliance requirements.

Compliance and Certifications

- **UL2416 listed** rack (3000 lb load rating) ensures verified structural performance for high-capacity installations.
- Seismic rated to 1200 lb dynamic load (IBC, CBC, NBC, ASCE standards) supports deployment in regulated environments.
- Meets PCI DSS (Payment Card Industry Data Security Standard) supports secure IT and data center deployments.
- TAA-compliant, manufactured in North America supports government procurement requirements and ensures consistent quality.
- Black powder coat finish (GREENGUARD, TSCA, RoHS compliant) supports indoor air quality and environmental compliance.

Included Components

- Welded steel frame with factory-installed nylon leveling feet, ground studs, and mounting points for optional casters.
- Two (2) pairs of adjustable depth EIA-compliant square hole punched mounting rails.
 - Starter pack of **CAGKIT1032-25** screws and cage nuts.

- Two (2) removable side panels (with 1/4 turn latches).
- One (1) four (4) fan cutout top panel.
- One (1) **acrylic window** front door with a quarter-turn lock.
- One (1) perforated rear door (65% open area vented) with a quarter-turn lock.
- One (1) vertical cable tray with button PDU mounting.

The C4RR_D Series pre-configured server rack cabinet provides a high-capacity solution for data center and network environments. Built on the C4 platform and rated to 3000 lb, it delivers structural strength, airflow, and cable management for demanding deployments.

With factory-installed components, integrated cable management, and high airflow doors, the C4RR_D supports rapid deployment while maintaining flexibility for server, network, and infrastructure installations.

When another product may be a better choice

- When you need a pre-configured cabinet with expanded configuration options, consider our **C4RR_A** Series.
- When you need a fully modular cabinet system for custom builds, consider our **C4** Series.
- When you need a cost-effective assembled cabinet for general IT applications, consider our **RB-DC** Series.
- When you need a multi-tenant cabinet for shared environments, consider our **CLC** Series.



Need 23" Mounting Rails? Click here for our cabinet components available for factory assembly.

Gallery



C4RR "D" Cabinet

Part No.	Height	Overall Dimensions		Rack Units	Usable Mounting Dimensions		
		Width	Depth		Height	Width	Depth
C4RR247336DBK1	80.08	24.00	36.00	42U	73.50	19.00	34.00
C4RR247342DBK1	80.08	24.00	42.00	42U	73.50	19.00	40.00
C4RR247731DBK1	83.58	24.00	31.50	44U	77.00	19.00	29.50
C4RR247736DBK1	83.58	24.00	36.00	44U	77.00	19.00	34.00
C4RR307736DBK1	83.58	30.00	36.00	44U	77.00	19.00	34.00
C4RR307742DBK1	83.58	30.00	42.00	44U	77.00	19.00	40.00

Overall height includes leveling feet.

Fans for Existing Fan Top

Part No.	Fan(s) Included	Fan Width	CFM	Noise (dB)	Plug Type	Maximum Fan Distance	Cord Length	Fan Guards Included
DNFK1AC120	1	4.72	100	56	NEMA 1-15P	n/a	72.00	2
DNFK2AC120	2	4.72	200	60	NEMA 1-15P	12.00	72.00	4
DNFK4AC120	4	4.72	400	80	NEMA 1-15P	12.00	72.00	8

Where the series works best

- Data centers and enterprise IT environments.
- Network and telecom infrastructure deployments.
- High-density server and switching installations.
- Applications requiring structured cable management.
- Projects requiring pre-configured cabinet deployment.

Applications and when to use the series

- Applications needing high airflow for active IT and network equipment.
- Environments where cable management and organization are critical.
- Deployments requiring rapid installation without custom configuration.
- Installations supporting data center and network infrastructure.

Tags: **server rack cabinet, data center cabinet, network cabinet, IT cabinet, rack enclosure, server enclosure, freestanding cabinet, equipment cabinet, 19 inch cabinet** *Data subject to change without notice.*

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