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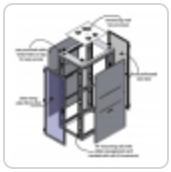
Modular Server Rack Cabinet System (3000 lb) *C4 Series*

High-performance modular server rack cabinet system designed for data center and IT environments requiring flexibility, scalability, and advanced features.

NEW SIZES



Key Features and Benefits

- 14-gauge steel cabinet frame with 12-gauge reinforced corner brackets and 16-gauge doors and panels (3000 lb **UL2416 capacity**) provides high-strength support for server, network, and IT equipment.
- Modular cabinet system design based on the C4 platform allows users to configure frames, rails, panels, doors, and accessories to build a complete solution.
- Square hole EIA-310 compliant mounting rails (12-gauge steel) support server compatibility including sliding rail kits. Includes a starter pack of cage nuts and mounting hardware.
- Infinitely adjustable mounting depth using C-channel struts supports flexible equipment installation and high-density configurations.
- High airflow door options (up to ~79% open area) support cooling requirements for active IT and server equipment.
- Multiple cabinet widths (24" and 30") support cable management, high-density deployments, and side-access requirements.
- Interchangeable top panels with cable entry, fan, and airflow options support customizable cooling and cable routing.
- Extensive accessory ecosystem (cable management, containment, PDUs, shelves) supports scalable infrastructure deployment.
- Baying capability and containment compatibility support data center row-based deployments.
- 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) when assembled by Hammond ensures verified structural performance for high-capacity installations. Individual components are not UL2416 or seismic rated independently and must be assembled as a complete cabinet to meet certification requirements.
- Seismic rated to 1200 lb dynamic load (IBC, CBC, NBC, ASCE standards) when assembled by Hammond supports deployment in regulated and high-risk environments.
- TAA-compliant, manufactured in North America supports government procurement requirements and ensures consistent quality.
- Black or white powder coat finish (GREENGUARD, TSCA, RoHS compliant) supports indoor air quality and environmental compliance.

Available Options Include:

- 24U, 42U and 44U mounting heights.
- 24" and 30" overall frame widths.
  - 24” wide frame includes generous cabling space and four (4) 3.5” wide cable entry holes on the top.

    - 30” wide frame includes extra generous cabling space and support for up to four optional vertical cable managers
- 31.5", 36", 42", 48" overall frame depths.
- All frames include four (4) leveling feet and support optional casters.
- 19" and 23" mounting rails are available in square-hole punched, drilled, and tapped 10-32.
- Flush-mounted doors with quarter-turn lock available in solid, **acrylic window**, vented full or split/barn.
- Side panels are available in both solid and vented for thermal induction.
- One (1) interchangeable top panel opening; is available in solid, vented fan tops with or without fans installed.
- One (1) interchangeable bottom panel opening, available in solid.
- Vertical cable managers are available in tray, enclosed metal, or finger versions.

The C4 Series modular server rack cabinet system provides a high-performance solution for data center and IT environments. With a 3000 lb load capacity and square hole mounting rails, it supports server compatibility, high-density equipment, and scalable infrastructure deployments.

Designed for flexibility, the C4 allows users to configure cabinet components to meet specific requirements, while supporting advanced airflow, cable management, and containment integration.

When another product may be a better choice

- When you need a fully assembled version of this platform with no configuration required, consider our **C4RR_A** or **C4RR_D** Series.
- When you need a flagship cabinet with maximum performance and integrated features, consider our **H1** 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.

Accessories

- Rack Cabinet Top Panels Solid, Cable Entry and Fan Panels
- Universal Rack & Cabinet Joining Kit
- Universal Rack Shelf Fixed Steel (Up to 200 lb Capacity)
- Adjustable Server Rack Shelf 550 lb Capacity 4-Post Rack Shelf
- Sliding Keyboard Shelf 19 Inch Rack Keyboard Drawer
- Adjustable Depth Cable Manager Front to Rear Rack Cable Support
- Horizontal Ring Cable Manager
- Cable Management Arm Hinged for Sliding Rack Equipment
- Vertical Cable Tray with Optional PDU Mount for Server Cabinets
- Vertical Cable Manager with Hinged Door
- Rack Panels for Rack Optimization
- Hardware for Rack Mounting Solutions
- Rack & Cabinet Bolt Down Kits
- Side Panel Locking Kit
- Cabinet Door Replacement Lock
- Locking Rack Storage Drawer
- Sliding Adjustable Depth Steel Rack Shelf
- Rack Unit Label Kit Adhesive Rack Rail Numbering Labels
- Horizontal Cable Management Bar Steel Cable Support Bar
- Horizontal Steel Finger Cable Manager
- Horizontal Hinged Cable Manager with Door
- Vertical Cable Manager with Door for C4 Server Cabinets
- We Manufacture PDUs and Outlet Strips
- Bonding and Grounding
- Rack and Cabinet Caster Set

C4 Open Frames and Rail Options

	Overall Dimensions			Rack	Usable Mounting Dimensions		19" Rack Rails (Pairs)		23" Rack Rails (Pairs)	
Part No.	Height	Width	Depth	Units	Height	Depth	Tapped 10-32	Square Hole	Tapped 10-32	Square Hole
C4F244231BK1	48.58	24.00	31.50	24U	42.00	29.50	-	C4PR2442SZPL	-	-
C4F244236BK1	48.58	24.00	36.00	24U	42.00	34.00	-	C4PR2442SZPL	-	-
C4F244242BK1	48.58	24.00	42.00	24U	42.00	40.00	-	C4PR2442SZPL	-	-
C4F244248BK1	48.58	24.00	48.00	24U	42.00	46.00	-	C4PR2442SZPL	-	-
C4F247331BK1	80.08	24.00	31.50	42U	73.00	29.50	C4PR2473TZPL	C4PR2473SZPL	-	-
C4F247336BK1	80.08	24.00	36.00	42U	73.00	34.00	C4PR2473TZPL	C4PR2473SZPL	-	-
C4F247342BK1	80.08	24.00	42.00	42U	73.00	40.00	C4PR2473TZPL	C4PR2473SZPL	-	-
C4F247348BK1	80.08	24.00	48.00	42U	73.00	46.00	C4PR2473TZPL	C4PR2473SZPL		
C4F247731BK1	83.58	24.00	31.50	44U	77.00	29.50	C4PR2477TZPL	C4PR2477SZPL	-	-
C4F247736BK1	83.58	24.00	36.00	44U	77.00	34.00	C4PR2477TZPL	C4PR2477SZPL	-	-
C4F247742BK1	83.58	24.00	42.00	44U	77.00	40.00	C4PR2477TZPL	C4PR2477SZPL	-	-
C4F247748BK1	83.58	24.00	48.00	44U	77.00	46.00	C4PR2477TZPL	C4PR2477SZPL		
C4F307731BK1	83.58	30.00	31.50	44U	77.00	29.50	C4PR77TZPL	C4PR77SZPL	C4PR7723TZPL	C4PR7723SZPL
C4F307736BK1	83.58	30.00	36.00	44U	77.00	34.00	C4PR77TZPL	C4PR77SZPL	C4PR7723TZPL	C4PR7723SZPL
C4F307742BK1	83.58	30.00	42.00	44U	77.00	40.00	C4PR77TZPL	C4PR77SZPL	C4PR7723TZPL	C4PR7723SZPL
C4F307748BK1	83.58	30.00	48.00	44U	77.00	46.00	C4PR77TZPL	C4PR77SZPL	C4PR7723TZPL	C4PR7723SZPL

Overall height includes leveling feet. Note that mounting rails are not included with the frame.

C4 Surface Doors with Locking Swing Handle (Hinged on Left)

Part No.	Part No.	Part No.	Part No.	Use with Cabinet	
Solid	Window	Vented	Vented Split (Barn)	Rack Units	Width
C4D2442SBK1	C4D2442WBK1	C4D2442VBK1	C4D2442BBK1	24U	24.00
C4D2473SBK1	C4D2473WBK1	C4D2473VBK1	C4D2473BBK1	42U	24.00
C4D2477SBK1	C4D2477WBK1	C4D2477VBK1	C4D2477BBK1	44U	24.00
C4D3077SBK1	C4D3077WBK1	C4D3077VBK1	C4D3077BBK1	44U	30.00

*Perforated doors for both front and back of the cabinet are suggested for most server applications.

C4 Flush Doors with Quarter-Turn Lock (Hinged on Left)

Part No.	Part No.	Part No.	Part No.	Use with Cabinet	
Solid	Window	Vented	Vented Split (Barn)	Rack Units	Width
C4DF2442SBK1	C4DF2442PBK1	C4DF2442VBK1	C4BD2442VBK1	24U	24.00
C4DF2473SBK1	C4DF2473PBK1	C4DF2473VBK1	C4BD2473VBK1	42U	24.00
C4DF2477SBK1	C4DF2477PBK1	C4DF2477VBK1	C4BD2477VBK1	44U	24.00
C4DF3077SBK1	C4DF3077PBK1	C4DF3077VBK1	C4BD3077VBK1	44U	30.00

C4 Side Panels (Sold in Pairs)

Part No.	Part No.	Use with Cabinet	
Solid	Vented	Rack Units	Depth
C4SP4231SBK1	C4SP4231VBK1	24U	31.50
C4SP4236SBK1	C4SP4236VBK1	24U	36.00
C4SP4242SBK1	C4SP4242VBK1	24U	42.00
C4SP7331SBK1	C4SP7331VBK1	42U	31.50
C4SP7336SBK1	C4SP7336VBK1	42U	36.00
C4SP7342SBK1	C4SP7342VBK1	42U	42.00
C4SP7731SBK1	C4SP7731VBK1	44U	31.50
C4SP7736SBK1	C4SP7736VBK1	44U	36.00
C4SP7742SBK1	C4SP7742VBK1	44U	42.00

C4 Top Panels

Solid	Brushed Cable Entry	Fan Cutout/ Cable Entry	Vented	Vented For Optional 4.7" Fans	Four (4) 4.7" 100CFM Fans With Thermostat	One (1) 10" 550 CFM Fan Without Thermostat	Use with Cabinet	
Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Width	Depth
C2T1923SBK1	C2T1923BFBK1	C2T1923FBK1	C2T1923VBK1	C2T1923VFBK1	C2T1923F4TBK1	C2T1923F10BK1	24.00	31.50
C2T1931SBK1	C2T1931BFBK1	C2T1931FBK1	C2T1931VBK1	C2T1931VFBK1	C2T1931F4TBK1	C2T1931F10BK1	24.00	36.00
C2T1936SBK1	C2T1936BFBK1	C2T1936FBK1	C2T1936VBK1	C2T1936VFBK1	C2T1936F4TBK1	C2T1936F10BK1	24.00	42.00
C2T2423SBK1	C2T2423BFBK1	C2T2423FBK1	C2T2423VBK1	C2T2423VFBK1	C2T2423F4TBK1	C2T2423F10BK1	30.00	31.50
C2T2431SBK1	C2T2431BFBK1	C2T2431FBK1	C2T2431VBK1	C2T2431VFBK1	C2T2431F4TBK1	C2T2431F10BK1	30.00	36.00

Solid Part No.	Brushed Cable Entry Part No.	Fan Cutout/ Cable Entry Part No.	Vented Part No.	Vented For Optional 4.7" Fans Part No.	Four (4) 4.7" 100CFM Fans With Thermostat Part No.	One (1) 10" 550 CFM Fan Without Thermostat Part No.	Use with Cabinet Width	Use with Cabinet Depth
C2T2436SBK1	C2T2436BFBK1	C2T2436FBK1	C2T2436VBK1	C2T2436VFBK1	C2T2436F4TBK1	C2T2436F10BK1	30.00	42.00

48" depth cabinets are compatible with 42" depth top panels.

C4 Bottom Panel

Solid Part No.	Brushed Part No.	Use with Cabinet Width	Use with Cabinet Depth
C4B2431SBK1	C4BBCE2431BK1	24.00	31.50
C4B2436SBK1	C4BBCE2436BK1	24.00	36.00
C4B2442SBK1	C4BBCE2442BK1	24.00	42.00
C4B3031SBK1	C4BBCE3031BK1	30.00	31.50
C4B3036SBK1	C4BBCE3036BK1	30.00	36.00
C4B3042SBK1	C4BBCE3042BK1	30.00	42.00

48" depth cabinets are compatible with 42" depth top panels.

C4 Vertical Cable Manager

Cable Tray	Cable Tray with Tooless PDU Bracket	Metal Manager with Hinged Door	Finger Manager (30" wide version comes with door)	Use with Cabinet Rack Units	Use with Cabinet Width
VCT42	-	-	-	24U	24.00
VCT73	VCTPDU73	-	C4VFM42UBK	42U	24.00
VCT77	VCTPDU77	-	C4VFM44UBK	44U	24.00
VCT42	-	-	-	24U	30.00
VCT73	VCTPDU73	-	C4VFMC3042UBK	42U	30.00
VCT77	VCTPDU77	C4VCM77BK1	C4VFMC3044UBK	44U	30.00

C4 Right-Hand Hinge

Part No.	C4RHINGE

Where the series works best

- Data centers and enterprise IT environments.
- High-density server and storage deployments.
- Network infrastructure installations.
- Colocation and cloud environments.
- Applications requiring modular cabinet configurations with performance requirements.

Applications and when to use the series

- Applications needing server compatibility with square hole rails and sliding rail support.
- Environments where cabinet configurations must be customized.
- Deployments requiring advanced airflow and cable management.
- Installations supporting scalable data center infrastructure.

Tags: **modular server rack**, **server rack cabinet system**, **data center cabinet**, **network cabinet**, **IT cabinet**, **rack enclosure**, **server enclosure**, **freestanding cabinet**, **19 inch cabinet**, **scalable cabinet system**

Data subject to change without notice.

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