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GR-63-CORE Zone 4 Seismic Server Cabinet Z4C Series

Industry-leading seismic server cabinet tested to GR-63-CORE Zone 4 requirements at a 1,650 lb equipment load.

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New

- [Z4C BK](#)

Seismic Rated

TAA Compliant

NEBS

EIA

Manufactured in North America

 Available by Special Order

 Restriction of Hazardous Substances Compliant

Product Resources

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Key Features and Benefits

- Heavy-gauge welded steel frame with reinforced construction provides **industry-leading seismic strength**, with the 45U Z4C successfully Intertek tested to GR-63-CORE Zone 4 requirements while loaded at 1,650 lb.
- Intertek NEBS Verified to GR-63-CORE Zone 4 seismic requirements for telecom, utility, government, transportation, and other critical infrastructure environments.
- Base-mounted design was successfully tested without auxiliary structural support, simplifying installation by **eliminating the need for overhead seismic bracing**.
- Two (2) pairs of infinitely adjustable-depth mounting rails accommodate equipment with different mounting depths and installation requirements.
 - 12-gauge steel square-hole EIA-310-E mounting rails support servers, switches, telecommunications, and other 19-inch rack-mount equipment.
- 79% perforated front and split rear doors support front-to-rear airflow for high-density network and server equipment.
 - **Three-point latching front and rear doors** with combination locking swing handles provide secure equipment access.
- Four top cable access openings and multiple bottom cable-entry options support overhead and raised-floor cable routing.
- Supports up to four optional vertical cable managers for organized routing of high-density copper, fiber, and power cabling.
- Removable side and top panels simplify equipment installation, cable routing, maintenance, and service access.
- Integrated grounding provisions support bonding of the cabinet frame, doors, panels, and installed equipment.
- Ganging provisions allow multiple cabinets to be joined for larger infrastructure deployments.
- **Available in 24" and 30" widths, 42U and 45U heights**, and multiple depths to support a wide range of equipment and installation requirements.
- Includes the required bolt-down hardware for secure floor anchorage and verified seismic performance.

Compliance and Certifications

- Intertek NEBS Verified to GR-63-CORE Section 4.4.1 Zone 4 earthquake requirements.
- Seismic rated for **1,550 lb of installed equipment** and an additional **100 lb of overhead cable**, when secured with included bolt-down kit.
- EIA-310-E 19-inch equipment mounting.
- TAA compliant.
- Manufactured in North America within an ISO 9001 certified facility.

- Black and white powder coat finishes meet GREENGUARD Gold, TSCA, and RoHS requirements.

Included Components

- Two (2) pairs of infinitely adjustable 19-inch EIA-310 square-hole mounting rails with rack unit markings.
- One (1) 79% perforated front door with three-point latching and combination locking swing handle.
- One (1) 79% perforated split rear door with three-point latching and combination locking swing handles.
- One (1) rear-mounted PDU tray.
- One (1) removable solid side panel.
- One (1) removable top panel with brushed cable entry and fan cutouts.
- Floor anchoring hardware required for seismic installation.

The Hammond Z4C Series is an industry-leading seismic server cabinet engineered for telecommunications, utilities, government, transportation, and mission-critical infrastructure. Intertek testing subjected a 45U Z4C cabinet loaded at 1,650 lb to GR-63-CORE Zone 4 earthquake conditions, successfully completing testing with no permanent structural or mechanical damage and deflection within GR-63-CORE requirements.

Heavy-gauge welded construction, 12-gauge adjustable mounting rails, high-airflow perforated doors, flexible cable entry, integrated grounding, and optional vertical cable management create a complete infrastructure platform for high-density network, server, communications, and control equipment. The cabinet is designed for secure floor anchorage without auxiliary structural support, helping simplify installation in demanding seismic environments.

When Another Product May Be a Better Choice

- When you need an IBC, CBC, or NBCC seismic cabinet instead of a NEBS Verified Zone 4 solution, consider our [H1](#) or [C4](#) Series.
- When you need a seismic cabinet with individually secured compartments for shared or colocation environments, consider our [CLC](#) Series.
- When you need an open frame solution with NEBS Verified Zone 4 seismic performance, consider our [SR 4P](#) Series.

Gallery

-  [Z4C WH](#)
-  [Z4C BK side](#)
-  [Z4C BK top](#)
-  [Z4C BK back](#)

Accessories

-  [Mounting Rack Rails](#)
-  [Vertical Cable Manager with Door for H1 Server Cabinets](#)
-  [Vertical Cable Tray with Optional PDU Mount for Server Cabinets](#)
-  [Rack Depth Labels Adhesive Rack Rail Depth Identification Labels](#)
-  [Universal Rack Shelf Fixed Steel \(Up to 200 lb Capacity\)](#)
-  [Rack Equipment Installation Tool Patented Rack Rail Support](#)
-  [Adjustable Server Rack Shelf 550 lb Capacity 4-Post Rack Shelf](#)
-  [Adjustable Depth Cable Manager Front to Rear Rack Cable Support](#)

- [!\[\]\(effbd7993c63c039a58fd3395789cf3f_img.jpg\) Horizontal Cable Management Bar Steel Cable Support Bar](#)
- [!\[\]\(144980d038f2541d7b588a8a9132bd70_img.jpg\) Horizontal Cable Manager Ring Style](#)
- [!\[\]\(c4ce2d477989700c971cf3d240ad9283_img.jpg\) Horizontal Finger Cable Manager with Cover](#)
- [!\[\]\(5013555a72072875cb154b597e002a46_img.jpg\) Hardware for Rack Mounting Solutions](#)
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- [!\[\]\(1ad0c3425edfa4762c2f20e33e3e5bbf_img.jpg\) We Manufacture PDUs and Outlet Strips](#)
- [!\[\]\(74d2fc5645add84f8511beb934060048_img.jpg\) Rack Panels for Rack Optimization](#)
- [!\[\]\(ddc5533caa0187e636e3d3234e0983a3_img.jpg\) Universal Rack & Cabinet Joining Kit](#)

Part Details

Click Part No., below, for details (e.g., Product drawings, assembly instructions, ship weight)
Part numbers with stars are new sizes or packaging configurations.

Units shown: **inch**. Switch units to: [mm](#)

Part No.	Part No.	Overall Dimensions (Including Doors)			Rack	Usable Mounting Dimensions		Optional Side Part No.	
		Height	Width	Depth	Units	Height	Depth	RAL9005 Black	RAL9003 White
Z4C2442U42BK	Z4C2442U42WH	80.37	24.00	43.98	42U	73.50	39.65	Z4CSP42U42BK	Z4CSP42U42WH
Z4C2442U48BK	Z4C2442U48WH	80.37	24.00	49.98	42U	73.50	45.65	Z4CSP42U48BK	Z4CSP42U48WH
Z4C2442U54BK	Z4C2442U54WH	80.37	24.00	55.98	42U	73.50	51.65	Z4CSP42U54BK	Z4CSP42U54WH
Z4C3042U42BK	Z4C3042U42WH	80.37	30.00	43.98	42U	73.50	39.65	Z4CSP42U42BK	Z4CSP42U42WH
Z4C3042U48BK	Z4C3042U48WH	80.37	30.00	49.98	42U	73.50	45.65	Z4CSP42U48BK	Z4CSP42U48WH
Z4C3042U54BK	Z4C3042U54WH	80.37	30.00	55.98	42U	73.50	51.65	Z4CSP42U54BK	Z4CSP42U54WH
Z4C2445U42BK	Z4C2445U42WH	85.65	24.00	43.98	45U	78.75	39.65	Z4CSP45U42BK	Z4CSP45U42WH
Z4C2445U48BK	Z4C2445U48WH	85.65	24.00	49.98	45U	78.75	45.65	Z4CSP45U48BK	Z4CSP45U48WH
Z4C2445U54BK	Z4C2445U54WH	85.65	24.00	55.98	45U	78.75	51.65	Z4CSP45U54BK	Z4CSP45U54WH
Z4C3045U42BK	Z4C3045U42WH	85.65	30.00	43.98	45U	78.75	39.65	Z4CSP45U42BK	Z4CSP45U42WH
Z4C3045U48BK	Z4C3045U48WH	85.65	30.00	49.98	45U	78.75	45.65	Z4CSP45U48BK	Z4CSP45U48WH
Z4C3045U54BK	Z4C3045U54WH	85.65	30.00	55.98	45U	78.75	51.65	Z4CSP45U54BK	Z4CSP45U54WH

Top/Bottom Covers

Units shown: **inch**. Switch units to: [mm](#)

Part No. Black	Part No. White	Compatible with Cabinet		Description
		Width	Depth	
Z4CSC2442BK	Z4CSC2442WH	24	44	Solid
Z4CSC2448BK	Z4CSC2448WH	24	50	Solid
Z4CSC2454BK	Z4CSC2454WH	24	56	Solid
Z4CSC3042BK	Z4CSC3042WH	30	44	Solid
Z4CSC3048BK	Z4CSC3048WH	30	50	Solid
Z4CSC3054BK	Z4CSC3054WH	30	56	Solid
Z4CBC2442BK	Z4CBC2442WH	24	44	Brushed cable entry with fan knockouts
Z4CBC2448BK	Z4CBC2448WH	24	50	Brushed cable entry with fan knockouts
Z4CBC2454BK	Z4CBC2454WH	24	56	Brushed cable entry with fan knockouts
Z4CBC3042BK	Z4CBC3042WH	30	44	Brushed cable entry with fan knockouts

Part No. Black	Part No. White	Compatible with Cabinet		Description
		Width	Depth	
Z4CBC3048BK	Z4CBC3048WH	30	50	Brushed cable entry with fan knockouts
Z4CBC3054BK	Z4CBC3054WH	30	56	Brushed cable entry with fan knockouts
Z4CVC2442BK	Z4CVC2442WH	24	44	Vented
Z4CVC2448BK	Z4CVC2448WH	24	50	Vented
Z4CVC2454BK	Z4CVC2454WH	24	56	Vented
Z4CVC3042BK	Z4CVC3042WH	30	44	Vented
Z4CVC3048BK	Z4CVC3048WH	30	50	Vented
Z4CVC3054BK	Z4CVC3054WH	30	56	Vented

Where the Z4C Series Works Best

- Telecommunications central offices and carrier facilities.
- Utility and power-generation infrastructure.
- Government and defense facilities.
- Emergency and public-safety communications.
- Transportation and public infrastructure networks.
- Mission-critical network and communications rooms.
- High-density server and network environments.
- Facilities located in high-risk seismic regions.

Best Applications for the Z4C Series

- GR-63-CORE Zone 4 telecommunications infrastructure.
- High-load server and network equipment.
- Carrier and service-provider equipment rooms.
- Utility communications and control systems.
- Emergency communications infrastructure.
- Government and defense networks.
- Transportation communications and signaling systems.
- Critical infrastructure requiring verified seismic performance.

Similar Products

- Updated  [High-Performance Server Rack Cabinet](#)

[High-Performance Server Rack Cabinet](#)

Hammond's flagship server rack cabinet for data centers and enterprise IT, with high airflow, integrated cable management, and flexible configurations.

H1 Series

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Data subject to change without notice.

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