

GR-63-CORE Seismic Server Cabinet (1,556 lb) *Z4C Series*

Heavy-duty seismic server rack cabinet designed for telecom, utility, government, and mission-critical infrastructure applications.

NEW**SEISMIC**
RATED**intertek****AVAILABLE
BY SPECIAL
ORDER**

Key Features and Benefits

- Heavy-gauge welded steel frame with reinforced corner construction, seismic rated for 1,556 lb of installed equipment.
- Intertek NEBS Verified to GR-63-CORE Zone 4 seismic requirements supports deployment in telecom, utility, government, and critical infrastructure environments.
- Square hole EIA-310 compliant mounting rails (12-gauge zinc-plated steel) support server and network equipment, including sliding rail compatibility.
- Two (2) pairs of infinitely adjustable depth mounting rails support flexible equipment installation and configuration.
- 79% perforated front and rear doors support front-to-rear airflow for high-density network and server equipment.
- Four (4) 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 high-density copper, fiber, and power cabling.
- Removable side and top panels support equipment installation, cable routing, and service access.
- Integrated grounding provisions support bonding of the frame, doors, panels, and installed equipment.
- Ganging provisions support multi-cabinet installations and expanded infrastructure deployments.
- Required C4K-Z4 bolt-down kit supports secure installation and verified seismic performance.

Compliance and Certifications

- Intertek NEBS Verified to GR-63-CORE Zone 4 seismic requirements.
- Seismic rated for 1,556 lb of installed equipment and an additional 100 lb of overhead cable, when secured with the required C4K-Z4 bolt-down kit.
- EIA-310 compliant 19-inch equipment mounting.
- TAA-compliant.
- Manufactured in North America within an ISO 9001 certified facility.
- Black and white powder coat finish is GREENGUARD Gold, TSCA, and RoHS compliant.

Included Components

- Two (2) pairs of infinitely adjustable 19" EIA-compliant square hole punched rails with rack unit markings.
- One (1) 79% airflow, vented front door with 4-pin combination locking swing handle.
- One (1) 79% airflow, vented split/barn rear door with 4-pin combination locking swing handle.
- One (1) removable solid side panel set.
- One (1) removable brushed cable-entry cover installed at top.



The Z4C Series seismic server rack cabinet is designed for telecom, utility, government, and mission-critical infrastructure environments requiring verified seismic performance. Intertek NEBS Verified to GR-63-CORE Zone 4 requirements, the cabinet is rated to support 1,556 lb of installed equipment when secured using the required C4K-Z4 bolt-down kit. Built with a heavy-gauge welded steel frame and 12-gauge adjustable mounting rails, the Z4C provides the structural strength required for high-density server, network, communications, and control equipment. Perforated front and rear doors support equipment airflow, while integrated top and bottom cable entry options provide installation flexibility.

The 30-inch-wide cabinet supports optional vertical cable managers, power distribution, grounding, and other infrastructure accessories. This makes the Z4C Series a complete cabinet solution for critical facilities located 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



Accessories

- Mounting Rack Rails
- Vertical Cable Tray with Optional PDU Mount for Server Cabinets
- Universal Rack Shelf Fixed Steel (Up to 200 lb Capacity)
- Adjustable Server Rack Shelf 550 lb Capacity 4-Post Rack Shelf
- Horizontal Cable Management Bar Steel Cable Support Bar
- Horizontal Finger Cable Manager with Cover
- Bonding and Grounding
- Rack Panels for Rack Optimization
- Rack & Cabinet Bolt Down Kits
- Vertical Cable Manager with Door for H1 Server Cabinets
- Rack Depth Labels Adhesive Rack Rail Depth Identification Labels
- Rack Equipment Installation Tool Patented Rack Rail Support
- Adjustable Depth Cable Manager Front to Rear Rack Cable Support
- Horizontal Cable Manager Ring Style
- Hardware for Rack Mounting Solutions
- We Manufacture PDUs and Outlet Strips
- Universal Rack & Cabinet Joining Kit

Part No.	Part No.	Overall Dimensions (Including Doors)			Rack Units	Usable Mounting Dimensions		Optional Side Part No.	
		Height	Width	Depth		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

Part No. RAL9005 Black	Part No. RAL9003 White	Overall Dimensions (Including Doors)			Rack Units	Usable Mounting Dimensions		Optional Side Part No.	
		Height	Width	Depth		Height	Depth	RAL9005 Black	RAL9003 White
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

Part No. Black	Part No. White	Compatible with Cabinet			Description
		Width	Depth		
Z4CSC2424BK	Z4CSC2424WH	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
Z4CBC2424BK	Z4CBC2424WH	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
Z4CBC3048BK	Z4CBC3048WH	30	50		Brushed cable entry with fan knockouts
Z4CBC3054BK	Z4CBC3054WH	30	56		Brushed cable entry with fan knockouts
Z4CVC2424BK	Z4CVC2424WH	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

- Telecom central offices and carrier facilities.
- Utility and power-generation facilities.
- Government and defense installations.
- Emergency communications infrastructure.
- Transportation and public infrastructure networks.
- Critical facilities located in seismic-prone regions.

Tags: seismic cabinet, NEBS cabinet, Zone 4 cabinet, GR-63-CORE cabinet, telecom cabinet, seismic server rack, network cabinet, equipment cabinet, critical infrastructure cabinet, seismic enclosure, server enclosure

Best Applications for the Z4C Series

- Applications requiring Intertek NEBS Verified GR-63-CORE Zone 4 seismic performance.
- Installations supporting up to 1,530 lb of server, network, or communications equipment.
- Telecom and utility systems requiring secure bolt-down cabinet installation.
- Mission-critical deployments requiring substantial structural strength and equipment protection.
- High-density network installations requiring integrated cable management and front-to-rear airflow.

Data subject to change without notice.