

HR SERIES SERVER RACKS

HR-48RU Server Rack

High-density 48U server enclosure designed for demanding data center environments. Ideal for high-density deployments requiring maximum rack space efficiency.

KEY FEATURES

- High-Density Cable Management**
Zero-U vertical channels with 2,000+ Cat6 cable capacity
- Maximum Airflow Design**
72% perforated doors for optimal thermal management
- Heavy-Duty Construction**
Welded steel frame with 1,500kg static load capacity
- Flexible Configuration**
Available in 600mm or 800mm width, 1100mm or 1200mm depth
- Secure Access Control**
Keyed-alike locking system across all doors and panels



48U
RACK HEIGHT

1,500 kg
STATIC LOAD

600 / 800
WIDTH (MM)

1100 / 1200
DEPTH (MM)

Available Configurations

PART NUMBER	WIDTH	DEPTH	EXT. DIMENSIONS (H×W×D)
HR-48-6-11	600mm	1100mm	2307 × 600 × 1100 mm
HR-48-6-12	600mm	1200mm	2307 × 600 × 1200 mm
HR-48-8-11	800mm	1100mm	2307 × 800 × 1100 mm
HR-48-8-12	800mm	1200mm	2307 × 800 × 1200 mm

Technical Specifications

SPECIFICATION	VALUE
Rack Units	48U
External Height	2307 mm (90.8")
Usable Height	2133 mm (84.0")
Static Load Capacity	1,500 kg (3,307 lbs)
Dynamic Load Capacity	1,135 kg (2,500 lbs)
Mounting Rail Gauge	14 gauge steel
Door/Panel Gauge	18 gauge steel
Door Perforation	72%
Color	Black (RAL 7021)

STANDARD INCLUSIONS

- ✓ 72% perf. locking front door
- ✓ 2 pairs split side panels
- ✓ 2 PDU/cable mgmt brackets
- ✓ 4 leveling feet
- ✓ Baying hardware kit
- ✓ Ground bonding hardware
- ✓ Split locking rear doors
- ✓ 2 pairs 19" mounting rails
- ✓ Tool-less top panel
- ✓ 4 locking casters
- ✓ 50× M6 cage nuts & screws
- ✓ 2 keys (keyed alike)

Mounting Depth by Configuration

DEPTH OPTION	MIN MOUNTING	MAX MOUNTING
1100mm depth	190 mm	850 mm
1200mm depth	190 mm	950 mm

Available Accessories

- Side panels (solid/vented)
- Blanking panels (1U, 2U, 4U)
- Shelf options (fixed, sliding)
- Cable management (V/H)
- PDU mounting brackets
- Seismic anchor kit
- Baying kits (2-rack, 4-rack)
- Brush panels

Need a Custom Configuration?

Contact our solutions team for custom specifications, volume pricing, and integration support. Custom colors and branding available.

Standards Compliance: EIA-310-E rack standards • UL 2416 safety certification • RoHS 2011/65/EU • REACH EC 1907/2006 • CE Marking

Note: Specifications subject to change without notice. Contact sales for latest product information.