HAMMOND

Quality Products. Service Excellence.

Server Cabinet *H1 Series*

UL2416 rated for 3,000 lbs (1,360 kg).







As seen on Linus Tech Tips. Click here for video

The H1 series is designed to be your most complete offering for Server, Network, and Data Storage applications. This series incorporates Hammond Manufacturing's practical open-design and manufacturing principles with legendary service, support, and reliability. H1 cabinets feature an array of enhancements over traditional cabinets, with cooling performance and enhanced security features demanded by today's IT manager.

Features

- Available in 42U, 45U, 48U, and 52U mounting heights.
- 24" Width Frame Features:
  - Generous cabling space
  - The cabinet top includes four (4) 3.5" wide cable entry holes.
- 30" & 31.5" Width Frame Features:
  - Mounting rails in 30" and 31.5" wide frames include "Bonus" 1U space for cable passthrough, rack equipment like 1U switches, patch panels or horizontal PDUs. You can pretty much use any 1U rack accessory.
  - The cabinet top includes four (4) 3.5" wide cable entry holes.
  - Support for vertical cable managers without obstructing mounting rails.
- Available in 42" and 48" overall depths.
- Two (2) large 4" x 7" knockouts (per side) for cable pass-through.
- Side panels are sold separately.
  - 42U and 45U are full-height panels.
  - 48U and 52U are split height panels.
- 48" depth cabinet includes:
  - Two (2) large 4" x 7" knockouts for cable entry knockouts at the front/top.
- C-channel struts provide cabinet strength, ease, and flexibility to adjust mounting rails.
- Surface-mounted doors allow for full mounting depth utilization and include a locking swing handle.

Specifications

- The Cabinet frame is constructed in 14-gauge mild steel with 12-gauge mild steel reinforced corner brackets.
- Cabinet doors and optional side panels are constructed in 16-gauge mild steel.
- Square hole 19" mounting rails are constructed of 12-gauge mild steel, include rack unit indicators, and are powder coat finished.
- **UL Listed 2416 load rated** for up to 3,000 lbs (1,360 kg). Rolling caster load rated for up to 2,200 lbs (998 kg).
- Grounding studs bonded to the frame, side panels, and doors. The front and rear studs on the cabinet frame conform to PET. The lower front and rear of the cabinet include dual 10-32 bonding studs in addition to 1/4-20 collard PET terminals.
- Finished in textured RAL9005 black or RAL9003 white powder coat.
  - Complies with the Greenguard guidelines for indoor air quality.

- Meets PCI DSS (Payment Card Industry Data Security Standard) compliance requirements.
- TAA-compliant for GSA Schedule purchases.
- RoHS Compliant.
- Manufactured in North America within an ISO 9001:2015 certified facility.

Included Components

- Welded steel frame with factory-installed nylon levelling feet, recessed casters and grounding studs.
- Two (2) pairs of adjustable depth EIA-compliant square hole punched mounting rails.
  - Starter pack of **CAGKIT1032-50** screws and cage nuts.
- One (1) perforated front door (79% open area vented) with a locking swing handle.
- One (1) perforated split/barn rear door (79% open area vented) with locking swing handle
- One (1) solid and one (1) brushed cable entry top panels are interchangeable.
- One (1) PDU cable tray is mounted in the rear.

Note: Cabinet side panels are NOT included and are sold separately. (See table below).

Note: If you're not using the bonus rack units and your equipment is not 4-post mounting, we suggest installing a 1U blanking panel to improve the stability of the rails.

Upgrade your cabinet to include Lifting Eye-Bolts with 2,000 lbs of lifting capacity.
Ask your local representative for details.

Accessories

- Universal Rack Shelf
- Rack Equipment Installation Tool
- Adjustable Depth Front-To-Rear Cable Manager
- Horizontal Hinged Cable Manager
- Horizontal Finger Cable Manager
- Cable Management Arm
- Cabinet Top Panels
- Rack Panels
- Equipment Cooling
- Bolt Down Kit
- Rack Depth Label
- Adjustable Depth Shelf
- Horizontal Lacing Strip
- Horizontal Ring Cable Manager
- Horizontal Steel Finger Cable Manager
- Mounting Hardware
- Grounding & Bonding
- PDUs and Outlet Strips
- Open Frame Rack and Rack Cabinet Joining Kit

H1 Cabinet Assemblies

Part No.	Part No.	Overall Dimensions			Rack	Additional In-Rail	Usable Mounting Dimensions		Optional (Single) Side Panel Part No.	
RAL9005 Black	RAL9003 White	Height	Width	Depth	Units	Rack Units	Height	Depth	RAL9005 Black	RAL9003 White
H12442U42BK	H12442U42WH	80.37	24.00	43.91	42U	-	73.50	39.00	H1SP42U42BK	H1SP42U42WH
H13042U42BK	H13042U42WH	80.37	30.00	43.91	42U	12U	73.50	39.00	H1SP42U42BK	H1SP42U42WH
H13142U42BK	H13142U42WH	80.37	31.50	43.91	42U	12U	73.50	39.00	H1SP42U42BK	H1SP42U42WH
H12442U48BK	H12442U48WH	80.37	24.00	49.91	42U	-	73.50	45.00	H1SP42U48BK	H1SP42U48WH
H13042U48BK	H13042U48WH	80.37	30.00	49.91	42U	12U	73.50	45.00	H1SP42U48BK	H1SP42U48WH

Part No. RAL9005 Black	Part No. RAL9003 White	Overall Dimensions Height	Width	Depth	Rack Units	Additional In-Rail Rack Units	Usable Mounting Dimensions Height	Depth	Optional (Single) Side Panel Part No. RAL9005 Black	RAL9003 White
H13142U48BK	**H13142U48WH**	80.37	31.50	49.91	42U	12U	73.50	45.00	**H1SP42U48BK**	**H1SP42U48WH**
H12445U42BK	**H12445U42WH**	85.65	24.00	43.91	45U	-	78.75	39.00	**H1SP45U42BK**	**H1SP45U42WH**
H13045U42BK	**H13045U42WH**	85.65	30.00	43.91	45U	12U	78.75	39.00	**H1SP45U42BK**	**H1SP45U42WH**
H13145U42BK	**H13145U42WH**	85.65	31.50	43.91	45U	12U	78.75	39.00	**H1SP45U42BK**	**H1SP45U42WH**
H12445U48BK	**H12445U48WH**	85.65	24.00	49.91	45U	-	78.75	45.00	**H1SP45U48BK**	**H1SP45U48WH**
H13045U48BK	**H13045U48WH**	85.65	30.00	49.91	45U	12U	78.75	45.00	**H1SP45U48BK**	**H1SP45U48WH**
H13145U48BK	**H13145U48WH**	85.65	31.50	49.91	45U	12U	78.75	45.00	**H1SP45U48BK**	**H1SP45U48WH**
H12448U42BK	**H12448U42WH**	90.87	24.00	43.91	48U	-	84.00	39.00	**H1SP48U42BK**	**H1SP48U42WH**
H13048U42BK	**H13048U42WH**	90.87	30.00	43.91	48U	12U	84.00	39.00	**H1SP48U42BK**	**H1SP48U42WH**
H13148U42BK	**H13148U42WH**	90.87	31.50	43.91	48U	12U	84.00	39.00	**H1SP48U42BK**	**H1SP48U42WH**
H12448U48BK	**H12448U48WH**	90.87	24.00	49.91	48U	-	84.00	45.00	**H1SP48U48BK**	**H1SP48U48WH**
H13048U48BK	**H13048U48WH**	90.87	30.00	49.91	48U	12U	84.00	45.00	**H1SP48U48BK**	**H1SP48U48WH**
H13148U48BK	**H13148U48WH**	90.87	31.50	49.91	48U	12U	84.00	45.00	**H1SP48U48BK**	**H1SP48U48WH**
H12452U42BK	**H12452U42WH**	97.90	24.00	43.91	52U	-	91.00	39.00	**H1SP52U42BK**	**H1SP52U42WH**
H13052U42BK	**H13052U42WH**	97.90	30.00	43.91	52U	12U	91.00	39.00	**H1SP52U42BK**	**H1SP52U42WH**
H13152U42BK	**H13152U42WH**	97.90	31.50	43.91	52U	12U	91.00	39.00	**H1SP52U42BK**	**H1SP52U42WH**
H12452U48BK	**H12452U48WH**	97.90	24.00	49.91	52U	-	91.00	45.00	**H1SP52U48BK**	**H1SP52U48WH**
H13052U48BK	**H13052U48WH**	97.90	30.00	49.91	52U	12U	91.00	45.00	**H1SP52U48BK**	**H1SP52U48WH**
H13152U48BK	**H13152U48WH**	97.90	31.50	49.91	52U	12U	91.00	45.00	**H1SP52U48BK**	**H1SP52U48WH**

Includes Frame, Two pair of square hole rails, vented front door, vented split rear door, 1x solid top and 1x brushed top. Additional In-Rail Rack Units are 1U cutouts in the 30W and 31.5W rails that can be used for cable passthrough or you can mount 1U rack equipment. We like to think of them as bonus rack units.

H1 Top Panel Options

Use with Cabinet Width	Part No. Black	Part No. White	Description	Suggested Accessories
24	**H1TS24BK**	**H1TS24WH**	Solid	
30, 31.5	**H1TS30BK**	**H1TS30WH**	Solid	
24	**H1TB24BK**	**H1TB24WH**	Brushed side cable entry with center knockouts	
30, 31.5	**H1TB30BK**	**H1TB30WH**	Brushed side cable entry with center knockouts	
24	**H1TC24BK**	**H1TC24WH**	Fan Top (fits any C2T1923**)	**C2T1923F4TBK1**
30, 31.5	**H1TC30BK**	**H1TC30WH**	Fan Top (fits any C2T1923**)	**C2T1923F4TLG1**
24	**H1TC24BK**	**H1TC24WH**	Top Panel for Thermal air chimney (sold separately)	**CLCH202215BK**
30, 31.5	**H1TC30BK**	**H1TC30WH**	Top Panel for Thermal air chimney (sold separately)	**CLCH202215BK**
24	**H1TR24BK**	**H1TR24WH**	9U Rack accessory mounting	
30, 31.5	**H1TR30BK**	**H1TR30WH**	9U Rack accessory mounting	

H1 Bottom Panel Options

Part No. Black	Part No. White	Descriptions	Use with Cabinet Width	Use with Cabinet Depth
H1BS2442BK	**H1BS2442WH**	Solid with cable entry knockouts	24	42
H1BS2448BK	**H1BS2448WH**	Solid with cable entry knockouts	24	48
H1BS3042BK	**H1BS3042WH**	Solid with cable entry knockouts	30, 31.5	42
H1BS3048BK	**H1BS3048WH**	Solid with cable entry knockouts	30, 31.5	48

H1 Vertical Ring and Finger Managers

Compatible with H1 Cabinet Height	Vertical Ring Manager	24" Width Includes one (1) Finger Vertical without a Cover	30" Width Includes two (2) Finger Verticals with Cover	31.5" Width Includes two (2) Finger Verticals with Cover
42U	**H1VRM42UBK**	**H1VFM42UBK**	**H1VFMC3042UBK**	**H1VFMC3142UBK**
45U	**H1VRM45UBK**	**H1VFM45UBK**	**H1VFMC3045UBK**	**H1VFMC3145UBK**
48U	**H1VRM48UBK**	**H1VFM48UBK**	**H1VFMC3048UBK**	**H1VFMC3148UBK**
52U	**H1VRM52UBK**	**H1VFM52UBK**	**H1VFMC3052UBK**	**H1VFMC3152UBK**

Air Dam Kit

Compatible with H1 Cabinet Height	24" Width	30" Width	31.5" Width
42U	**H1AD2442BK**	**H1AD3042BK**	**H1AD3142BK**
45U	**H1AD2445BK**	**H1AD3045BK**	**H1AD3145BK**
48U	**H1AD2448BK**	**H1AD3048BK**	**H1AD3148BK**
52U	**H1AD2452BK**	**H1AD3052BK**	**H1AD3152BK**

PDU Tray

Compatible with H1 Cabinet Height	Part No. Black Finish	Part No. White Finish	Overall Dimensions Height	Width
42U	**H1PDU42UBK**	**H1PDU42UWH**	64.75	6.94
45U	**H1PDU45UBK**	**H1PDU45UWH**	70.00	6.94
48U	**H1PDU48UBK**	**H1PDU48UWH**	75.25	6.94
52U	**H1PDU52UBK**	**H1PDU52UWH**	82.25	6.94

Split Door Retrofit Kit

Part No.	SDRK

H1 Cabinet Bonding Kit

Part No.	Wire Gauge	Features
H1GRDKIT	10 AWG	Includes required cords to bond all cabinet components.

Tags: **Server Rack Enclosure Cabinet**, **Rack Enclosure**, **Network Shelter**, **Net Shelter**, **Air Dam**

Data subject to change without notice

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