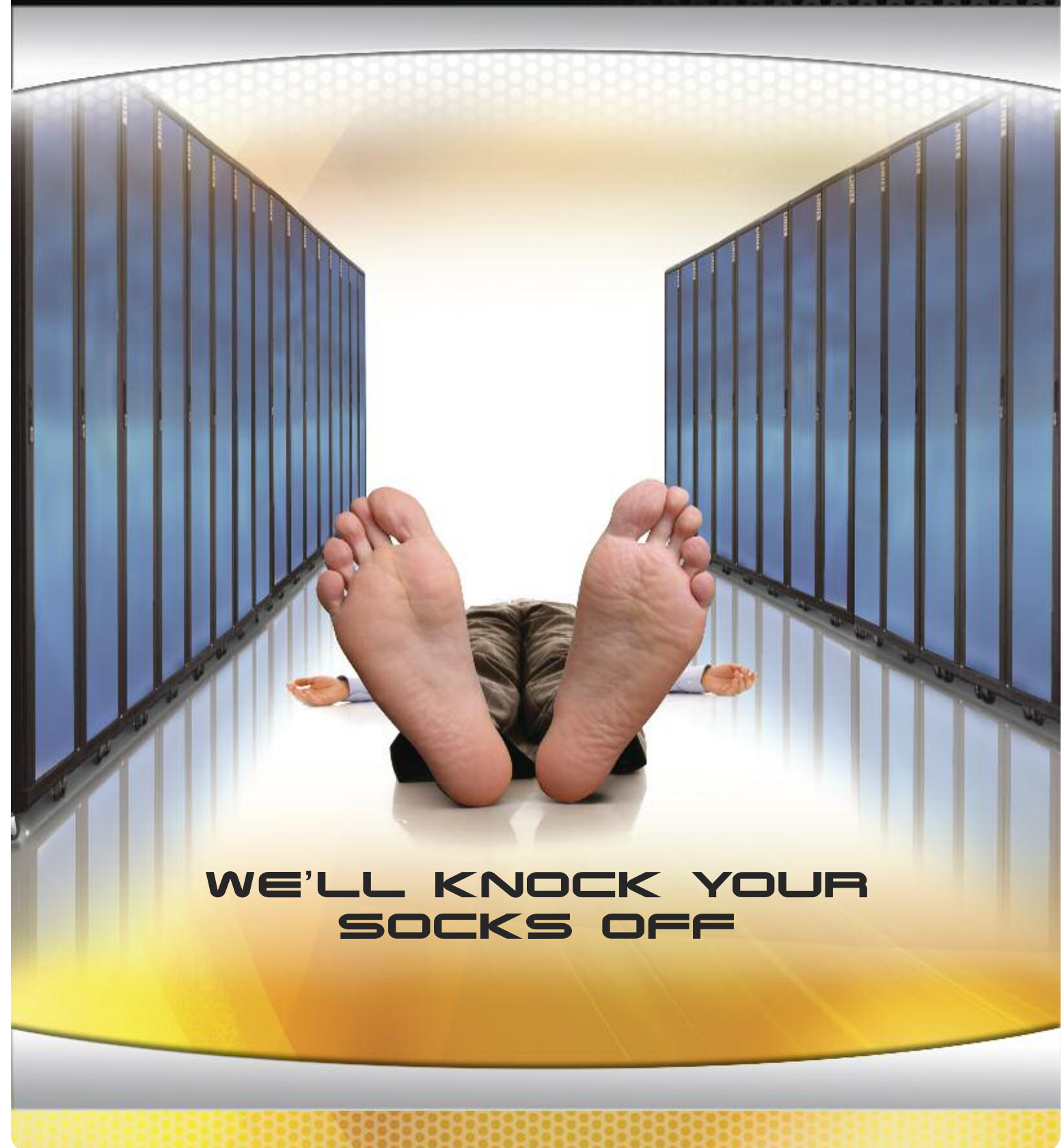


KENDALL HOWARD  TM
INNOVATORS IN PRODUCT DESIGN

The Leader in Innovative Server Racks,
Rack Shelving, Rack Accessories and
LAN Station / Workbench Solutions



**WE'LL KNOCK YOUR
SOCKS OFF**

LINIER™

The LINIER™ brand of server racks and network enclosures is designed to be a cost effective solution that addresses your network infrastructure needs. The LINIER Brand offers 5 different models and 20 standard sizes that are in stock and ready to ship same day every day. Now you can get exactly what you need when you need it at a price you can afford. Whether you need to hang a switch on the wall or you are building a new data center, the LINIER brand of server racks and network enclosures offers a cost effective solution to meet your needs.

Now with more accessories than ever before!

- Cable Management
- Hardware
- Shelves
- Keyboard Drawers
- Fans
- And so much more

The LINIER™ brand rack systems are perfect for:

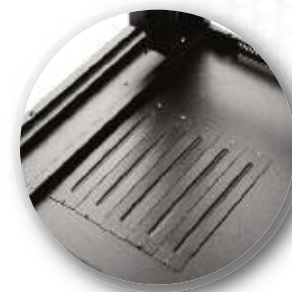
- Server Rooms
- Security Storage
- Home Office
- Home Audio
- Data Centers
- SMB Network Storage



Fan cutouts on top allow you to easily install optional fans



Security lock on front and rear doors help protect your valuable equipment



Top and Bottom removable cable slots for added versatility



2 Sets of adjustable Cage Nut style mounting rails



Removable/lockable side panels allow you easy access to all of your equipment.



LINIER™ brand server racks ship on special shock pallets to ensure that your products make it safely to your door!



GLASS-FRONT, VENTED REAR SERVER RACKS

LINIER™



The 3100 series is one of our best looking LINIER™ enclosures. Our design is packed with some of the most popular rack features for a price virtually any one can afford. Complimented with a shatterproof glass door, this system is perfect for low heat applications such as switching banks, telephony, AV equipment and so much more. When you need a low cost solution loaded with features, the LINIER™ brand delivers big!

Features

- Glass front door
- Vented rear door
- Removable locking side panels
- 2 sets of fully adjustable rails (Adjust in 1" Increments)
- EIA Compliant
- Casters
- Levelers
- Color: Black
- Maximum weight capacity: 1300 Pounds

Recommended options:

- Fan Assembly Kit (page 23, **SKU** 1908-3-001-01)
- Racks Screws (page 23, **SKU** 0100-1-001-01)
- Cage Nuts (page 23, **SKU** 0200-1-001-01)
- Universal Wire Minder (page 21, **SKU** 0004-1-002-01)
- Rackmount Shelves (pages 22-23)
- Warranty: 1 year

FEATURES:



Locks help protect your valuable equipment



2 Sets of adjustable Cage Nut style mounting rails



Fan cutouts on top allow you to easily install optional fans



Top and Bottom removable cable slots for added versatility



Removable/lockable side panels

GLASS FRONT

VENTED REAR



22U

SKU	3100-3-001-22	
depth	37.75" (outside)	36" max. (inside)
width	23.5" (outside)	19" (inside)
height	46" (outside)	38.5" (inside)



27U

SKU	3100-3-001-27	
depth	37.75" (outside)	36" max. (inside)
width	23.5" (outside)	19" (inside)
height	55" (outside)	47.25" (inside)



37U

SKU	3100-3-001-37	
depth	37.75" (outside)	36" max. (inside)
width	23.5" (outside)	19" (inside)
height	72" (outside)	64.75" (inside)



42U

SKU	3100-3-001-42	
depth	37.75" (outside)	36" max. (inside)
width	23.5" (outside)	19" (inside)
height	80.5" (outside)	73.5" (inside)



VENTED-FRONT, VENTED REAR SERVER RACKS

LINIER™



The 3110 LINIER™ enclosure has all of the features of the 3100 series with the addition of fully vented front and rear doors. Specifically designed for high density applications where heat is an issue. Let's not forget about looks! The 3110 has a convex shaped front door giving it unique curb appeal without the high price from other manufactures. This system is perfect for data clusters, server farms, co-location hosting, and just about any application that needs high capacity ventilation.

Features

- Vented front door
- Vented rear door
- Removable locking side panels
- 2 sets of fully adjustable rails (Adjust in 1" Increments)
- EIA Compliant
- Casters
- Levelers
- Color: Black
- Maximum weight capacity: 1300 Pounds

Recommended options:

- Fan Assembly Kit (page 23, **SKU** 1908-3-001-01)
- Racks Screws (page 23, **SKU** 0100-1-001-01)
- Cage Nuts (page 23, **SKU** 0200-1-001-01)
- Universal Wire Minder (page 21, **SKU** 0004-1-002-01)
- Rackmount Shelves (pages 22-23)
- Warranty: 1 year

FEATURES:



Locks on the front and rear doors help protect your valuable equipment



2 Sets of adjustable Cage Nut style mounting rails



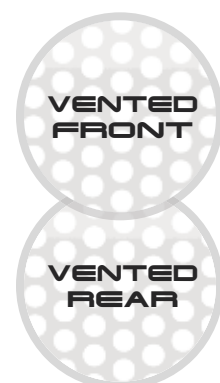
Fan cutouts on top allow you to easily install optional fans



Top and bottom removable cable slots for added versatility



Removable/lockable side panels



22U

SKU	3110-3-001-22	
depth	37.75" (outside)	36" max. (inside)
width	23.5" (outside)	19" (inside)
height	46" (outside)	38.5" (inside)



27U

SKU	3110-3-001-27	
depth	37.75" (outside)	36" max. (inside)
width	23.5" (outside)	19" (inside)
height	55" (outside)	47.25" (inside)



37U

SKU	3110-3-001-37	
depth	37.75" (outside)	36" max. (inside)
width	23.5" (outside)	19" (inside)
height	72" (outside)	64.75" (inside)

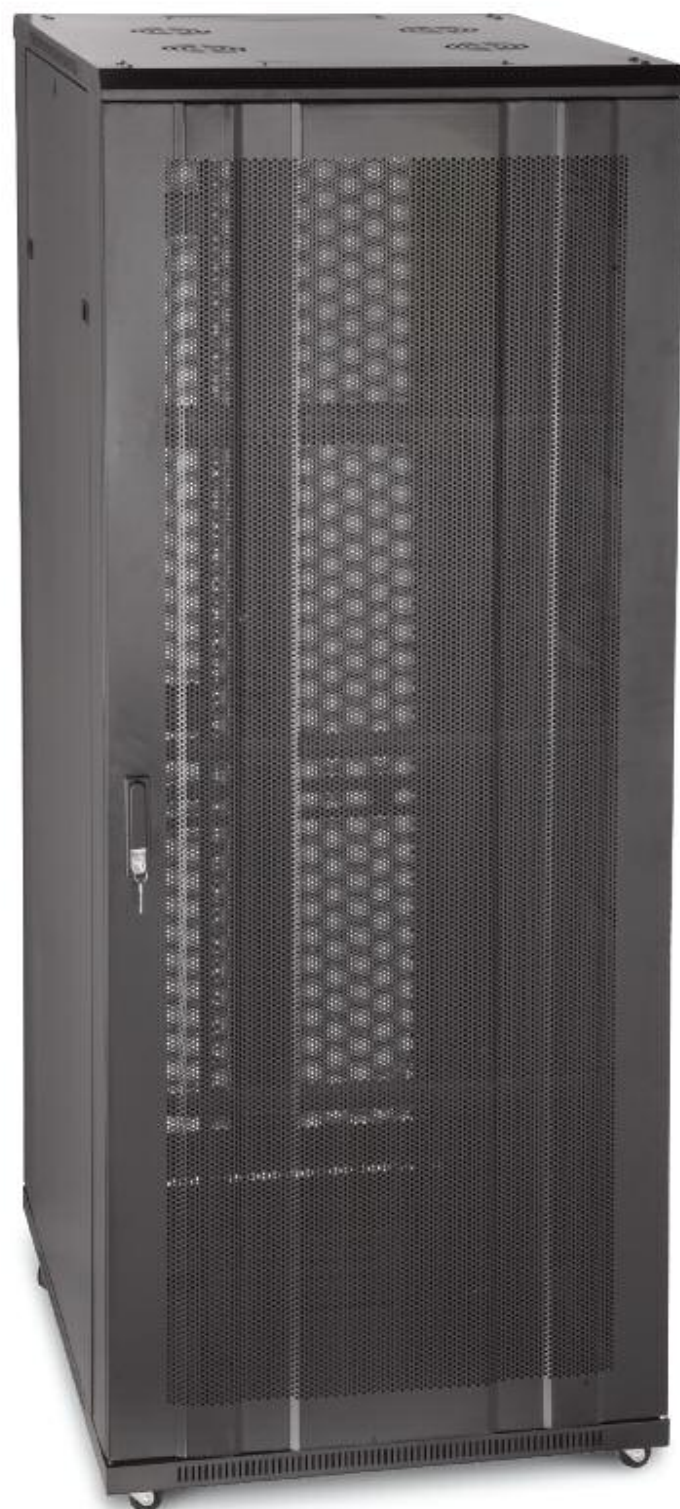


42U

SKU	3110-3-001-42	
depth	37.75" (outside)	36" max. (inside)
width	23.5" (outside)	19" (inside)
height	80.5" (outside)	73.5" (inside)



HIGH DENSITY CABLE MANAGEMENT RACK



This LINIER brand high density solution offers unsurpassed cooling and cabling capabilities. This cabinet features a fully vented front door, split rear doors and lockable/removable side panels to allow easy access to all of your hardware. The split rear door allows this rack to be closer to the wall, conserving space and saving you time and money. This cabinet is extra wide to allow up to 3.75" of cable on either side and includes two cable managers with front hinged covers to keep everything neat and clean. When you need to load a cabinet with servers and cables, this is a must-have server rack.

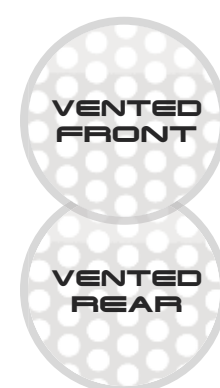
Features

- 2 Sets of adjustable Cage Nut style mounting rails
- Removable/lockable side panels
- Top and bottom removable cable slots
- Vented lockable front door
- Split lockable vented rear doors
- EIA Compliant
- Casters
- Levelers
- Maximum weight capacity: 1300
- Color: Black

Recommended options:

- Fan Assembly Kit (page 23, **SKU** 1908-3-001-01)
- Racks Screws (page 23, **SKU** 0100-1-001-01)
- Cage Nuts (page 23, **SKU** 0200-1-001-01)
- Universal Wire Minder (page 21, **SKU** 0004-1-002-01)
- Rackmount Shelves (pages 22-23)
- Warranty: 1 year

	42U	
SKU	3120-3-001-42	
depth	38" (outside)	36" max. (inside) 31" optimal (inside)
width	31.5" (outside)	19" (inside)
height	80.5" (outside)	73.5" (inside)



Split rear door saves space.

LINIER™

FEATURES:



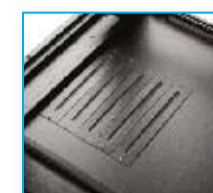
Locks help protect your valuable equipment



2 Sets of adjustable Cage Nut style mounting rails



Fan cutouts on top allow you to easily install optional fans



Top and Bottom removable cable slots for added versatility



Removable/lockable side panels give you easy access to your equipment



Shown with side open.



Shown with side closed.



Cable management channels





WALL-MOUNT RACKS



If you are looking for the right wall mount rack at the right price, the LINIER™ brand is the solution for you. Our enclosures are easy to install and have all of the features of the large enterprise for a fraction of the price. They're the perfect secure environment for switches, patch panels, DVR and recording devices, wireless routers, and just about anything you can think of.

Features

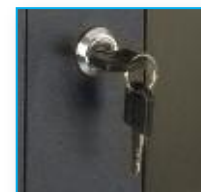
- Front glass door
- Removable locking side panels
- 2 Sets of adjustable rails
- Removable cable slots
- EIA Compliant
- Maximum weight capacity: 150 pounds
- Color: Black

Recommended options:

- Fan Assembly Kit (page 23, **SKU** 1908-3-001-01)
- Racks Screws (page 23, **SKU** 0100-1-001-01)
- Cage Nuts (page 23, **SKU** 0200-1-001-01)
- Universal Wire Minder (page 21, **SKU** 0004-1-002-01)
- Rackmount Shelves (pages 22-23)
- Warranty: 1 year

LINIER™

FEATURES:



Locks secure your equipment.



2 Sets of adjustable Cage Nut style mounting rails



Fan cutouts on top allow you to easily install optional fans



Top and Bottom removable cable slots for added versatility



Removable/lockable side panels give easy access to your equipment



STANDARD DIMENSIONS

depth	23" (outside) 20.5" max. (inside)
width	23.75" (outside) 19" (inside)

6U

SKU
height 3140-3-001-06
15" (outside)
10.5" (inside)



9U

SKU
height 3140-3-001-09
20.5" (outside)
15.75" (inside)



12U

SKU
height 3140-3-001-12
25.25" (outside)
21" (inside)



15U

SKU
height 3140-3-001-15
30.5" (outside)
26.25" (inside)



18U

SKU
height 3140-3-001-18
35.75" (outside)
31.5" (inside)



SWING-OUT WALL-MOUNT RACKS



The LINIER™ brand line of swing-out wall-mount cabinets is designed for anyone who needs access to the back of their rackmount equipment on a regular basis. This unique mounting system makes installation a breeze. This cabinet not only swings out 90 degrees from the wall but it offers removable and lockable side panels. This allows you to cable this cabinet in no time and making it easy to access your equipment when needed. Locks keep your equipment secure.

Features

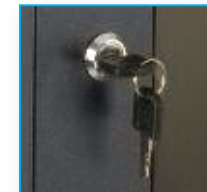
- Front glass door
- Removable locking side panels
- 2 Sets of adjustable rails
- 4 Removable cable slots
- EIA Compliant
- Maximum weight capacity: 150 pounds

Recommended options:

- Fan Assembly Kit (page 23, **SKU** 1908-3-001-01)
- Racks Screws (page 23, **SKU** 0100-1-001-01)
- Cage Nuts (page 23, **SKU** 0200-1-001-01)
- Universal Wire Minder (page 21, **SKU** 0004-1-002-01)
- Rackmount Shelves (pages 22-23)
- Warranty: 1 year

LINIER™

FEATURES:



Locks secure your equipment



2 Sets of adjustable Cage Nut style mounting rails



Fan cutouts on top allow you to easily install optional fans



Top and Bottom removable cable slots for added versatility



Removable/lockable side panels give easy access to your equipment



90 degree swing-out back for unprecedented access in a wall mount rack



STANDARD DIMENSIONS

depth	27" (outside) 21.5" max. (inside)
width	23.75" (outside) 19" (inside)

	6U
SKU	3130-3-001-06
height	15" (outside) 10.5" (inside)

	8U
SKU	3130-3-001-08
height	18" (outside) 15.75" (inside)

	12U
SKU	3130-3-001-12
height	25" (outside) 21" (inside)



	15U
SKU	3130-3-001-15
height	30.25" (outside) 26.25" (inside)



	18U
SKU	3130-3-001-18
height	35.75" (outside) 31.5" (inside)



	22U
SKU	3130-3-001-22
height	42.75" (outside) 38.5" (inside)



PORTABLE/MODULAR SERVER RACKS

These lightweight, sturdy rack systems are the perfect solution for offices, trade shows, industrial environments or anywhere else you need a rugged, portable rack.

- Interlocking corners allow for easy stacking and expansion
- Each rack supports more than 500 lbs.
- Made from four pieces of solid steel
- 20 inches from rail to rail
- Stronger than any other modular rack on the market today
- Heavy-duty, spring-loaded side handles allow for easy transportation
- Universal mounting holes (Cage Nuts required)
- Great for concert equipment, musicians and orchestras



Interlocking corners allow easy stacking and expansion.



	8U	12U	20U
SKU	1920-3-000-08	1920-3-000-12	1920-3-000-20
width	21"	21"	21"
depth	20"	20"	20"
height	17.31"	24.31"	38.31"

STACKING BRACKET KIT

SKU 1921-1-000-00



PORTABLE RACK CASTER KIT



- 4 casters with all mounting hardware included
- Poly wheels do not leave marks on tiled or other hard surfaces
- Set will support a total weight of 800 lbs. evenly distributed

SKU 0013-2-004-00 (non-locking)
SKU 0014-2-004-00 (locking)



Computers, monitors, wiring and accessories not included. Shown with optional casters.



COMPACT SERIES SOHO SERVER RACKS

These sleek and robust server racks are specially designed for the small business, home office or IT professional who wants better than just "good enough". The low profile Compact Series SOHO Server Racks are perfect for any environment.

Features

- Locking lift off front and rear mesh doors
- Casters
- Adjustable rails with universal mounting holes
- Plenty of venting
- Doors lift off for easy access
- This item must ship freight

DIMENSIONS

Available heights	8U, 12U
Width	23.125"
Depth	
- Outside	31.125"
- Inside (usable space)	29"
Rail depth (adjustable)	3-29"
Rail holes (requires Cage Nuts)	universal
Doors	front and rear locking
Fan	included
Casters	included
Front door style	vented
Venting	all sides
Weight capacity	400 lbs.
Color	black, textured powder coat finish

	8U	12U
SKU	1932-3-001-08	1932-3-001-12
depth	31.125"	31.125"
height	14"	21"
width	23.125"	23.125"



Shown here with and without front and rear lift off mesh doors.





CABLE COVE™ TWO-POST RACK

The Kendall Howard Cable Cove 2 Post Rack is designed to make installing your cables and equipment easy. This 2 post rack has 2 generous 4 inch wide cable management channels that make terminating and managing your cables easy

Features:

- Two built-in 4 inch cable management rails
- Universal Cage Nut Style Rails
- Gang-able design allows you to lock multiple racks together

Recommended options:

- Rackmount shelves (pages 22-23)
- Cable Management (page 21, **SKU** 0004-1-002-01)
- Racks Screws (page 23, **SKU** 0100-1-001-01)
- Cage nuts (page 23, **SKU** 0200-1-001-01)

Height: 41U

SKU 1911-3-000-41

CONVERSION KIT

- Turns any 2 Telco racks into a 4 post adjustable open frame racking system
- Works with all two-post racks
- Supports up to 1000 pounds
- Adjusts from 24" to 40" deep

SKU 1927-3-002-00 (two-piece kit)

SKU 1927-3-004-00 (four-piece kit)

Racks not included.



Computers, monitors, wiring and accessories not included.



FOUR-POST RACK FRAMES

Kendall Howard revolutionized the rack industry by developing one of the strongest adjustable knockdown racks on the market. Our patent-pending square tube steel design assembles with just a few bolts, making this racking system versatile as well as affordable.

- 36" depth
- Fully adjustable rails from 6"-36"
- Levelers included
- Available with caster options
- Assembles in less than 30 minutes
- Can be shipped to almost anywhere in the world within 24 hours
- Cage Nut style rails
- Color: black
- Height: 41U
- Weight capacity as shown: 2,000 lbs.
- Optional casters 5200-3-001-00 (casters add 4-1/2" to height of unit) (weight capacity with casters is 1,000 lbs.)

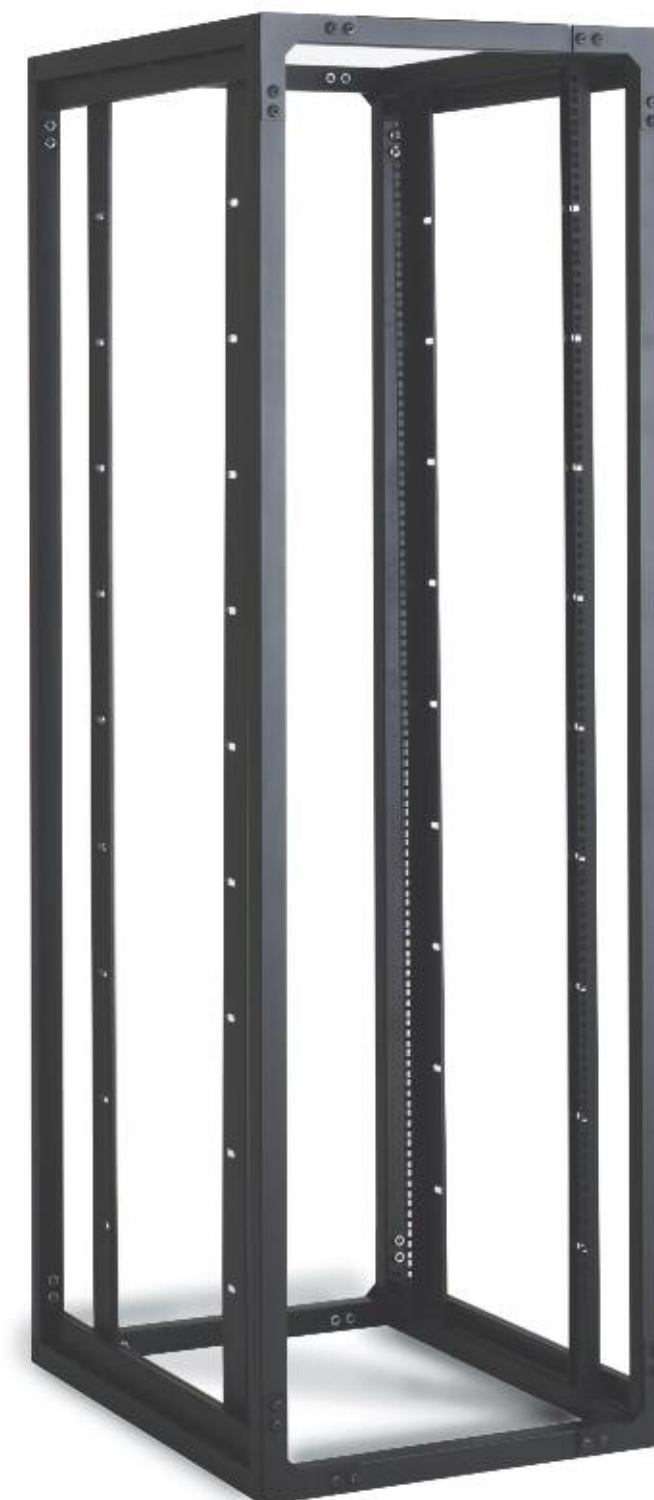
Recommended options:

- Casters (page 32, **SKU** 5200-3-001-00)
- Racks Screws (page 23, **SKU** 0100-1-001-01)
- Cage Nuts (page 23, **SKU** 0200-1-001-01)
- Universal Wire Minder (page 21, **SKU** 0004-1-002-01)
- Rackmount Shelves (pages 22-23)

SKU 1940-3-001-41

DIMENSIONS

	2 Post Rack	4 Post Rack
Height		
Outside	78"	75"
Inside (usable space)	71.75"	72"
Width		
Outside	24"	23.5"
Inside (usable space)	19"	19"
Depth		
Outside	N/A	36"
Inside (usable space)	N/A	adjustable 6"-36"
Rails adjust from 6" to 36"		

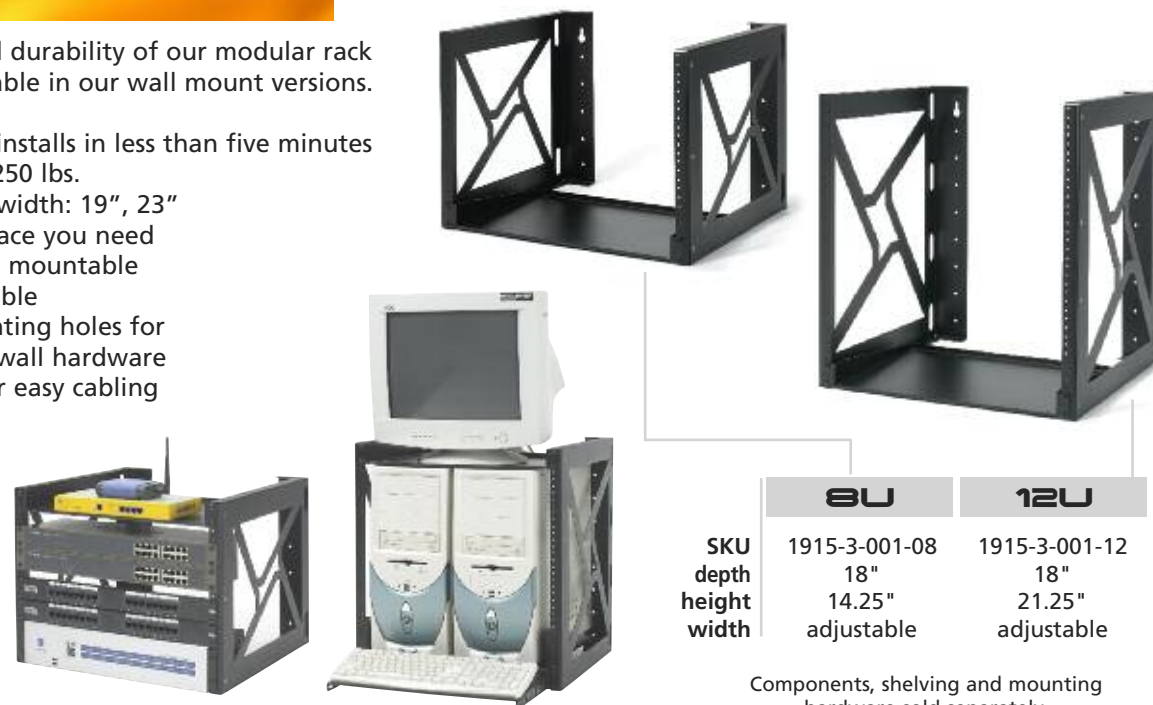




WALL-MOUNT RACKS

The strength and durability of our modular rack line is now available in our wall mount versions.

- 2 piece design installs in less than five minutes
- Supports over 250 lbs.
- Adjusts to any width: 19", 23" or whatever space you need
- Under the desk mountable
- Ceiling mountable
- Universal mounting holes for most common wall hardware
- Side cutouts for easy cabling
- Standard pre-tapped 10-32 rail holes



	8U	12U
SKU	1915-3-001-08	1915-3-001-12
depth	18"	18"
height	14.25"	21.25"
width	adjustable	adjustable

Components, shelving and mounting hardware sold separately.

V-RACKS

The V-Rack is another revolutionary product for IT managers who need to be more productive with their space. The Kendall Howard V-Rack allows users to vertically or horizontally mount servers or other rack-mountable devices regardless of depth. Designed to mount on a wall or under a desk, the Kendall Howard V-Rack provides users more versatility. Users needing to use slide rails can easily do so by using two Kendall Howard V-Racks and effectively create a 4 point mounting solution.

- Universal Mounting Holes (uses cage nuts)
- Width: 19" W
- Depth 3.5", 5.25", and 7"
- Nine mounting holes
- Supports 200 lbs.
- Made of heavy-gauge steel



	2U V-RACK
SKU	1916-2-100-2

	3U V-RACK
SKU	1916-2-100-3

	4U V-RACK
SKU	1916-2-100-4



12U SIDE MOUNT WALL RACK

This innovative rack allows you to mount servers and other equipment on the wall and access everything from the side. In the past, mounting servers and power equipment on the wall was difficult because you could not access the back of the cabinet to make connections. Servicing equipment meant removing everything from the rack before you could access its connection. With this convenient side load rack you can install your servers and UPS on the wall, and have easy access to everything.

The maximum mounting depth is 20". The unique open air flow design of this wall mount rack is exactly what you are looking for.

- Weight Capacity: 350 pounds
- Max Mounting Depth: 20"
- Universal Cage Nut style rails
- Outside height: (top to bottom) 24³/₈"
- Outside width: (left to right) 20¹/₄"
- Outside depth: (front to back) 22¹/₈"

SKU 1915-3-200-12



HINGED WALL BRACKETS

Kendall Howard swing out mounting brackets are perfect for mounting patch panels or other small equipment. Made of heavy-gauge steel, these systems are a fantastic alternative to more expensive solutions that are not fully needed. Saves floor space and rack space. The Kendall Howard wall brackets are packed with built-in cables tie downs and access holes ensuring your installation is neat, organized and ready for action.

- Heavy-duty heavy-gauge steel
- Depth: 6"
- Unique hinged design allows 180 degree swing out.
- Black powder coat finish
- EIA spacing - Accepts 10-32 Rack Screws
- Designed for 19" equipment

* Rack screws not included

	1U	
SKU	1916-3-200-01	
	2U	
SKU	1916-3-200-02	
	4U	
SKU	1916-3-200-04	
	6U	
SKU	1916-3-200-06	



8U SECURITY WALL RACK ENCLOSURE

Announcing another patent pending and innovative product designed directly from our customer's needs. This wall rack is perfect for almost any wiring room. With its generous 20"-deep chassis, this rack is perfect for CAT5, Fiber, Voice, or almost any cabling need. Snap-in rails make adjustments completely toolless.

- 22.25"W x 20.5"D x 17.25"H
- Supports over 250 lbs.
- Standard 19" EIA compliant
- Locking front door with a smoked grey acrylic window
- Top and bottom knockouts for mounting fan
- Top and bottom knockouts for wire management
- Snap-in rack rails make all adjustments toolless
- Weight: 50 lbs.
- This rack requires Cage Nuts and screws

SKU 1915-3-100-08 8U Security Wall Rack

SKU 1908-3-001-01 Optional fan kit

* Fan and mounting hardware not included



V-LINE WALL-MOUNT RACKS

These racks are part of the Kendall Howard Value Line. Our knockdown V-Line Fixed Wall Racks are the perfect tool for IT installers, musicians, audio/visual technicians and anyone in the telecom industry. Everyone who needs to save time, energy and money will find the Kendall Howard knockdown Fixed Wall Rack incredibly easy to assemble and install. These racks have a 300 pound weight capacity for equipment.

Features

- Made of heavy gauge steel
- 12" useable depth
- Self squaring design
- Black powder coat finish
- Ship UPS

	12U	16U	21U
SKU	1915-3-300-12	1915-3-300-16	1915-3-300-21
depth	12"	12"	12"
width	19"	19"	19"
height	21"	28"	36.75"



UNIVERSAL WIRE MINDER

- Mounts in seven different positions
- Open channel design allows easy access to cables
- Flexible design makes it easy to channel cables in any direction



SKU 0004-1-002-01

CABLE ROUTING BLANKS

- Open design allows cabling to be fed through routing spaces
- Design allows easy management and grouping of cables
- Eliminates crimping and tangled wires



SKU 1U 1902-1-001-01
2U 1902-1-002-02

1U D-RING CABLE MANAGEMENT KIT

- 14 Plastic Clips for locking cables in place
- 5- D-rings
- 1U Blank with mounting holes
- Hardware and instructions
- 43 Different configurations



SKU 1901-1-000-01

MANAGED CABLE MINDER



- Perfect for organizing CAT5 patch panels
- Clips rotate independently
- Each clip can be locked so cables won't fall out
- Size: 1U

SKU 1903-3-000-01

SPACER BLANKS

- Each bend is individually hand coined
- 4 mounting holes per U space

	1U	2U	3U	4U	6U
Flat SKU	1901-1-101-01	1901-1-101-02	1901-1-101-03	1901-1-101-04	NA
Flanged SKU	1901-1-001-01	1901-1-002-02	NA	1901-1-004-04	1901-1-006-06
width	19"	19"	19"	19"	19"
height	1.75"	3.5"	5.25"	7"	10.5"





Kendall Howard offers some of the strongest and most durable rack shelving on the market today.

2-PIECE TELCO RACK SHELF

Made to fit any 2 post rack, this shelf boasts a weight capacity of 200 pounds.

19" wide, 22" deep and 3.5" high and can be mounted right-side up with front flanges to provide greater security for your components or flipped upside down for a larger usable surface.

SKU 1906-3-300-02



CENTERLINE SHELVES

- Made of heavy-gauge steel
- Supports up to 300 pounds
- Mounting flanges are welded to the sides and bottom to eliminate shelf rocking



	SOLID	VENTED
SKU	1907-3-001-03	1907-3-000-03

KEYBOARD SHELVES

- Perfect for our portable, modular racks, as well as Telco and Relay racks
- Made of heavy-gauge steel

SKU 1910-1-001-01



FIXED SHELF

- Supports up to 300 pounds
- Made of heavy-gauge steel
- Designed to work with our Portable and Modular racking system

SKU 1904-1-001-01



FOUR POINT ADJUSTABLE SHELVES

	1U	2U	1U VENTED
SKU	1906-3-007-01	1906-3-006-02	1906-3-008-01
width	19"	19"	19"
depth	22"-40"	22"-40"	22"-36"
height	1.75"	3.5"	1.75"

- Adjusts from 22" to 40" deep (22"-36" on vented model)
- Supports up to 350 pounds
- Entire shelf adjusts for maximum use of space



Kendall Howard offers a wide variety of accessories to complement any racking system.

COMPONENT SHELVES

- Made of heavy-gauge steel
- 4 mounting holes per U space
- Individually formed by hand
- All corners rounded for safety

	1U	2U	3U	1U VENTED	2U VENTED
SKU	1906-1-001-01	1906-1-002-02	1906-1-003-03	1906-1-201-01	1906-1-010-02
Double Pack SKU	1906-3-201-01	1906-3-202-02	1906-3-203-03	1906-3-221-01	1906-3-222-02
width	19"	19"	19"	19"	19"
depth	12"	14"	16"	12"	14"
height	1.75"	3.5"	5.25"	1.75"	3.75"
capacity	70 lbs.	120 lbs.	150 lbs.	50 lbs.	50 lbs.



RACK SCREWS & CAGE NUTS

SCREWS:

- Starter points to ensure easy installation
- Cold forged and heat treated to prevent stripping
- Black finish
- Packed in a reusable tin



10-32 Rack Screws (50 ct.)
 10-32 Rack Screws (100 ct.)
 10-32 Rack Screws with Washers (50 ct.)
 10-32 Rack Screws with Washers (100 ct.)
 10-32 Rack Screws Bulk Pack (2500 ct.)
 10-32 Rack Screws Bulk Pack (5000 ct.)

SKU 0100-1-001-01
 SKU 0100-1-002-01
 SKU 0100-1-011-01
 SKU 0100-1-012-01
 SKU 0100-3-200-01
 SKU 0100-3-100-01

NUTS:

- Made from forged steel
- Packed in a reusable tin



10-32 Cage Nuts (50 ct.)
 10-32 Cage Nuts (100 ct.)
 10-32 Cage Nuts Bulk Pack (2,500 ct.)

SKU 0200-1-001-01
 SKU 0200-1-002-01
 SKU 0200-1-003-01

RACK HELPER



The small idea that grew into an American company – the Rack Helper. Kendall Howard's patent pending Rack Helpers were created to help network installers support extremely heavy rack components. Simply install this device just below any heavy component. No more running around looking for someone to help hold up your server or UPS during installations. An absolute must for all network installers.

SKU 1924-1-001-02
 height 3.5"
 weight capacity 200 lbs.

RACKMOUNT FAN PANELS

The Kendall Howard triple fan panel is designed for maximum air flow and heat dissipation. High-quality single fan units also available.

Triple Fan Panel SKU 1908-3-001-02
 Fan Assembly Kit SKU 1908-3-001-01





DVR SECURITY LOCK BOX

The Kendall Howard DVR/VCR Security Lock Box is perfect for securing security devices and sensitive network appliances. This unique product mounts to just about any wall surface, giving you the peace of mind that your sensitive electronics are secure and safe. With the optional wall mount bracket kit and fan kits, this unit can be customized to fit your exact needs.

Features

- Cable routing holes in multiple locations allow you to customize your installation
- Door hinge formed from the main chassis to insure smooth and secure operation
- Built in fan finger guards for safety
- Locking door opens with 270 degree swing allowing for easy access and service
- Made from heavy-gauge U.S. steel
- Optional Wall Mounting Kit for increased load capacity

Dimensions

- 20"W x 9"H x 21"D

SKU	1917-3-001-00	DVR/VCR Wall Mount
SKU	1917-3-002-00	DVR/VCR Wall Mount Bracket Kit
SKU	1908-3-001-01	Optional Fan Kit



1U 2-POST MOUNTING KIT

Kendall Howard worked directly with Hewlett Packard to develop a rail system that will allow users to mount HP 1U Servers into a 2 post rack system. Installation is a snap and can be done with one installer in less than 5 minutes. This must-have product works with all rail types; Cage Nut, Slip Nut, or Pre-taps. Clear zinc coating.

- Includes all hardware for mounting
- Specific rail hardware not included

SKU 1950-3-001-01



PC/LCD SECURITY STAND

Kendall Howard's Anti-theft PC Security Stand is the perfect solution for educational and corporate organizations that need to keep their PC hardware safe from theft and general damage.

Features

- A strong, single unit designed to secure both a small form factor PC and a flat panel monitor in a small desktop footprint
- Ability to tilt LCD monitor up 15 degrees or down 30 degrees depending on monitor
- Designed for stability, security, and a professional look
- Support bracket allows for full ventilation
- Specially keyed or standard hardware can be used to secure the base unit to the desktop

Dimensions

- Fits 14" to 22" widescreen monitors with standard VESA mounting points
- Fits small form factor PCs: 10.5" to 15" (266-381mm) wide, 11" to 18" (279-420mm) deep, and 4" (103mm) high

Optional security bit and security hardware included, although shipped after product registration.

SKU DS-100



THIN CLIENT-LCD WALL MOUNT

The Kendall Howard Thin Client/LCD Wall Mounting System allows installers to mount any VESA Compliant LCD monitor (15 to 22 inches) and a Thin Client to virtually any vertical surface. The two piece self locking design installs in minutes with an extremely low profile. The monitor mounting system has 15-30 degrees of tilt up or down (depending on your monitor) and extends 5" from wall. The Thin Client mount offers unprecedented venting to ensure your equipment stays cool and operating at peak performance. For added security use a standard padlock to secure and prevent tampering. Our wall mount system makes it simple to install and gives your installation a sleek, professional look.

Kit Includes:

- 1 Thin Client Mounting System
- 1 LCD Monitor Mounting Plate
- 4 Monitor Screws
- 4 Thin Client Screws

SKU WMTC-M

Note: Wall mounting hardware not included
100% Made in the USA
U.S. and International patent pending





Upright beams channel cables from floor to upper shelving to ceiling



Mounting and adjusting shelves is easy with our channel nuts and mounting hardware



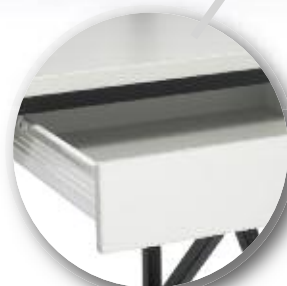
Cable trays built into the frame to keep wiring out of the way



7-layer laminate coating on tabletops and shelves helps protect against damage



Available locking swivel casters



Versatile add on utility drawer. Mounts in just minutes



Monitor mount swivels 360 degrees and tilts up to 40 degrees



Keyboard tray



Turn your bench into a fully-functioning data rack



Counters and shelves are supported with welded steel supports



Kendall Howard Performance Series™ LAN Station/Workbenches are top of the line in quality and versatility. Our systems are completely modular, allowing you to design virtually any layout suitable for your environment. Dozens of options are available with more innovations every year. Call your Kendall Howard reseller and configure yours today.

Computers, monitors and accessories not included. Models shown with optional casters.

Kendall Howard LAN Stations and Workbenches ship flat in completely enclosed crates to ensure that your products make it safely to your door!





The Kendall Howard Performance Series LAN Station and Workbenches are top of the line in quality and versatility. Our systems are completely modular, allowing you to design virtually any layout suitable for your environment. Each bench frame is made from the highest quality American-Made tube steel, welded and assembled in Kendall Howard's Chisago City, Minnesota manufacturing facility.

Now with more accessories than ever before!

- EIA Compliant 19" desk mounted Racking Systems
- Accessory mounting systems
- Keyboard Trays
- Drawers
- Casters
- LCD Monitor Mounts
- ...and many more!

Kendall Howard LAN Stations and Workbenches ship flat in completely enclosed crates to ensure that your products make it safely to your door!

Check out the details that keep our customers buying Kendall Howard workbenches again and again.

Performance Series™ LAN Stations have many uses including:

- Tech benches
- Network labs
- Assembly benches
- Shipping stations
- Security/Command consoles
- Server racks
- Computer repair benches
- Home office



Cable trays are built into the frame to keep wiring out of the way.



Upright beams allow you to channel cables from floor to upper shelving to ceiling.



All work surfaces are supported with heavy-duty steel supports that make this one of the strongest LAN benches on the market today.



Mounting and adjusting shelves is easy with our channel nuts and mounting hardware.



Computers, monitors and accessories not included. Shown with optional casters and other accessories.



100 SERIES



- Unique open frame design
- Completely modular
- Universal preset accessory mounting holes
- Knock down design for easy transportation
- Ships in a fully enclosed crate to prevent shipping damage
- Easy to follow directions, and assembles in about one hour
- Upper shelving adjusts in any increment
- 7 layer laminate coating protects against damage
- This product must ship freight

DIMENSIONS

Work surface height30"
Work surface weight capacity1,000 lbs.
Upper shelving height (adjustable) ...32-74"
Upper shelf depth16"
Upper shelf weight capacity350 lbs.
Lower shelf depth14"
Lower shelf weight capacity500 lbs.
Inside from bottom shelf to upper shelf25.75"
Overall capacity1,000 lbs.



	24"	48"	72"	96"
SKU	5000-3-100-24	5000-3-100-48	5000-3-100-72	5000-3-100-96
width	24"	48"	72"	96"
depth	30"	30"	30"	30"
height	74"	74"	74"	74"

Models shown with optional casters.

ACCESSORIES

PERFORMANCE ACCESSORY BAR



Designed exclusively for use with the Kendall Howard Performance Series Lan Stations, this Accessory Bar allows you to mount any Kendall Howard bar-mounted accessory with ease! Adjusts to any height.

- 24" SKU 5200-3-500-24
- 48" SKU 5200-3-500-48
- 72" SKU 5200-3-500-72
- 96" SKU 5200-3-500-96

PERFORMANCE LCD MONITOR MOUNT

- Installs in just 3 easy steps
- Swivels 360 degrees (portrait to landscape)
- Up to 40 degrees of tilt (depending on monitor size)
- 75mm and 100mm VESA compliant
- 40 pound maximum load, or LCDs up to 30"

SKU 5200-3-510-00





200 SERIES



- Unique open frame design
- Completely modular
- Universal preset accessory mounting holes
- Knock down design for easy transportation
- Ships in a fully enclosed crate to prevent shipping damage
- Easy to follow directions, and assembles in about one hour
- Upper shelving adjusts in any increment
- 7 layer laminate coating protects against damage
- This product must ship freight

DIMENSIONS

Work surface height 30"
Work surface weight capacity . . . 1,000 lbs.
Upper shelving height (adjustable) . . . 32-74"
Upper shelf depth 16"
Upper shelf weight capacity 350 lbs.
Lower shelf depth 28"
(Note: Two 14" shelves combined to make 28" shelf)
Lower shelf weight capacity 500 lbs.
Bench width 24", 48", 72", 96"
Inside from bottom shelf
to upper shelf 25.75"
Overall capacity 1,000 lbs.



	24"	48"	72"	96"
SKU	5000-3-200-24	5000-3-200-48	5000-3-200-72	5000-3-200-96
width	24"	48"	72"	96"
depth	30"	30"	30"	30"
height	74"	74"	74"	74"

Models shown with optional casters.

ACCESSORIES

PERFORMANCE UTILITY DRAWER

Store all your items in this versatile add-on utility drawer. Mounts in just minutes to any Performance Series LAN Station. Dimensions: 18.6" wide (usable space) x 16.75" deep x 2.5" tall

SKU 5200-3-201-00



PERFORMANCE KEYBOARD TRAY

This simple sliding shelf is perfect for keyboards, writing surfaces and mouse trays. Mounts in just minutes to any Performance Series LAN Station.

Dimensions: 19" wide x 18.75" deep

SKU 5200-3-200-00



300 SERIES

- Unique open frame design
- Completely modular
- Universal preset accessory mounting holes
- Knock down design for easy transportation
- Ships in a fully enclosed crate to prevent shipping damage
- Easy to follow directions, and assembles in about one hour
- 7 layer laminate coating protects against damage
- This product must ship freight

DIMENSIONS

Work surface height 30"
Work surface weight capacity . . . 1,000 lbs.
Lower shelf depth 28"
(Note: Two 14" shelves combined to make 28" shelf)
Lower shelf weight capacity 500 lbs.
Bench width 24", 48", 72", 96"
Bench depth 30"
Overall capacity 1,000 lbs.



	24"	48"	72"	96"
SKU	5000-3-300-24	5000-3-300-48	5000-3-300-72	5000-3-300-96
width	24"	48"	72"	96"
depth	30"	30"	30"	30"
height	30"	30"	30"	30"

Models shown with optional casters.

ACCESSORIES

PERFORMANCE 48" POWER STRIP



- The industry's highest surge protection at 1,060 joules
- 400 volt clamping voltage
- 15 amp circuit breaker
- 16 evenly spaced outlets
- 22' cord
- Single phase
- UL Listed

SKU 1918-3-004-F

PERFORMANCE RACKING SYSTEM

Turn your Performance Series LAN Station into a fully-functional data rack.

- Height: 13U of usable mounting space
- Depth: 23"
- Requires full bottom (28") LAN Station

SKU 5200-3-600-13





400 SERIES

- Unique open frame design
- Completely modular
- Universal preset accessory mounting holes
- Knock down design for easy transportation
- Ships in a fully enclosed crate to prevent shipping damage
- Easy to follow directions, and assembles in about an hour
- 7 layer laminate coating protects against damage
- This product must ship freight

DIMENSIONS

Work surface height 30"
Work surface weight capacity . . . 1,000 lbs.
Lower shelf depth 14"
Lower shelf weight capacity 500 lbs.
Bench width 24", 48", 72", 96"
Bench depth 30"
Overall capacity 1,000 lbs.



	24"	48"	72"	96"
SKU	5000-3-400-24	5000-3-400-48	5000-3-400-72	5000-3-400-96
width	24"	48"	72"	96"
depth	30"	30"	30"	30"
height	30"	30"	30"	30"

Models shown with optional casters.

ACCESSORIES

PERFORMANCE CASTER KIT

These locking swivel casters are a great add-on to our Performance Series LAN Stations. No hardware or tools required! Casters replace the original leveling feet with a single bolt for easy assembly.

- 1,000 lb. weight capacity

SKU 5200-3-001-00



PERFORMANCE ROLLOUT CART

- Holds servers, UPS and other peripherals
- 42.75" wide x 26.75" deep x 4.8" tall
- Supports 300 lbs
- One Rollout Cart can be used with a 48" or 72" Performance Series LAN Station, and up to two can be used with a 96" Performance Series LAN Station

SKU 5200-3-300-00



Servers and workbench not included.



CORNER UNIT

DIMENSIONS

Work surface height 30"
Work surface weight capacity 1,000 lbs.
Upper shelving height (adjustable) . . . 32-80"
Upper shelf depth 16"
Upper shelf weight capacity 300 lbs.
Overall capacity 1,000 lbs.
48" from corner out on each side . . . 4' square

SKU 5000-3-100-CR



Computers, monitors and accessories not included.
Shown with optional casters.



Shown with optional casters.

CORNER CASTER KIT



Add these six locking swivel casters to our corner unit Performance Series LAN Station. Easy assembly.

SKU 5200-3-002-00



These work stations are so modular that the uses are limitless. When you need a quality work space with the highest weight capacity in the industry, Kendall Howard can deliver. Don't settle for something ordinary – get exactly what you need and get it fast – these units ship same day!

PERFORMANCE PLUS™ 4 POST TECHNICAL LAN/NETWORK FURNITURE

In addition to our Performance Series workbench system, Kendall Howard also provides the Performance Plus™ Series workbench system. With a maximum load of 850 lbs. per shelf and its modular design, you can now create a custom configuration what will work best for you – and have it shipped same day. Kendall Howard has made it simple to pick the number of side frames, and the width and depth you want each surface to be. With 24" and 30" depths; and 36", 48", 60" and 72" widths, you can configure exactly what you are looking for. Don't look for something custom. Instead, look for something customizable that ships same day, every day.

Performance Plus Series LAN Stations are perfect for:

- Network labs
- Computer repair or tech benches
- Shipping stations
- Video editing stations
- Machine assembly workstations
- Computer labs
- CSI labs
- Office furniture
- and more!

Computers, monitors and accessories not included.

- Widths of 36", 48", 60" and 72"
- Corner Unit is 48" square design
- Each shelf is 1.25" thick
- Each shelf supports 850 lbs.
- Side frames are 84"-high with optional casters – 80" without casters
- All surfaces attach with a pre-threaded metal insert – no wood screws required
- Assembles in minutes – no power tools required
- All surfaces adjust in 1" increments



The Kendall Howard Performance Plus LAN racks are as easy to configure as they are to assemble. This innovative design from Kendall Howard provides outside dimensions making it easy for you to lay out the space you are working with in just a few minutes. And Kendall Howard has designed a system that is completely modular so you can create exactly the workbench configuration you need. It's a customizable product without the custom price tag.

Below are some tips to make the planning process faster and easier.

Here are some simple steps for planning your next project:

1. First, determine the amount of space you are working with. This will save you time and money. Once you have the dimensions, we recommend drawing a top view. If you have a corner, insert the corner unit first. The corner unit will require 48 inches on each wall.

2. Next, determine what you are using the space for. The uses are endless – network storage, server rack, a computer repair station. Knowing this will make it easy to configure the unit exactly how you need it.

Also, determine the depth of the shelves and the accessories that you need. One example to keep in mind: If you are going to use this as a work space you can use a shallower, lower shelf (underneath the work surface) so you can sit at the desk comfortably and still not lose the storage space. If you are not going to sit at the unit, you may want deep shelves for larger equipment.

3. Determine the Number of shelves that you need for your unit. Each shelf will require a back plate and a shelf support kit. Each set of side frame kits will require at least 2 shelves.

4. Determine the depth and width you want each shelf to be. Kendall Howard offers both 24" and 30" depths. We also offer the following widths, 36",48",60",72". Square corner units are 48".

5. Determine the accessories that you need. Power strips, drawers, keyboard trays, racking systems, accessory bars and LCD mounts. The list goes on and on.

- For every 24" of width, you have room for one under-counter accessory, they include key-board trays, utility drawers and performance racking systems.

- If you are going to mount power or LCD monitors above the work surface they will require the Performance Plus Accessory bar.

TIP: If you are assembling a larger combined unit you can reduce the number of side frames by ganging the units together. For example the unit shown on page 37 shows 5 units ganged together. It only requires 6 Performance Plus side frame kits, rather than 10 side frame kits. By ganging them together you can save on the cost of each unit and the amount of labor it takes to install them.

While we have made the Performance Plus system easy to configure, if you would like help configuring or just confirming that it will do what you want, we are here to help.

When you have completed your configuration you can order it from one of our resellers, and we will ship your order same day.



Computers, monitors and accessories not included.

Here are some common configurations that people use every day.



36"

Performance Plus 36"

Qty	SKU#	Description
2	7000-3-001-00	4 Post Performance Plus Side Frame Kit
4	7000-3-036-00	4 Post Performance Plus 36" Back Plate
4	7000-1-100-00	4 Post Performance Plus Shelf Bracket Kit
3	7000-3-036-24	Performance Plus 36" x 24" Shelf Kit
1	7000-3-036-30	Performance Plus 36" x 30" Shelf Kit



48"

Performance Plus 48"

Qty	SKU#	Description
2	7000-3-001-00	4 Post Performance Plus Side Frame Kit
4	7000-3-048-00	4 Post Performance Plus 48" Back Plate
4	7000-1-100-00	4 Post Performance Plus Shelf Bracket Kit
3	7000-3-048-24	Performance Plus 48" x 24" Shelf Kit
1	7000-3-048-30	Performance Plus 48" x 30" Shelf Kit



60"

Performance Plus 60"

Qty	SKU#	Description
2	7000-3-001-00	4 Post Performance Plus Side Frame Kit
4	7000-3-060-00	4 Post Performance Plus 60" Back Plate
4	7000-1-100-00	4 Post Performance Plus Shelf Bracket Kit
3	7000-3-060-24	Performance Plus 60" x 24" Shelf Kit
1	7000-3-060-30	Performance Plus 60" x 30" Shelf Kit



72"

Performance Plus 72"

Qty	SKU#	Description
2	7000-3-001-00	4 Post Performance Plus Side Frame Kit
4	7000-3-072-00	4 Post Performance Plus 72" Back Plate
4	7000-1-100-00	4 Post Performance Plus Shelf Bracket Kit
3	7000-3-072-24	Performance Plus 72" x 24" Shelf Kit
1	7000-3-072-30	Performance Plus 72" x 30" Shelf Kit



Back Plates/Cable Management

Kendall Howard back plates work as the back support for each shelf which also offers cable management. When configuring what you need, just add one back plate for each shelf you order. Back plates are available for all sizes.

SKU 7000-1-036-00	4-Post 36" Back Plate Kit
SKU 7000-1-048-00	4-Post 48" Back Plate Kit
SKU 7000-1-060-00	4-Post 60" Back Plate Kit
SKU 7000-1-072-00	4-Post 72" Back Plate Kit
SKU 7000-1-0CR-00	4-Post Corner Back Plate Kit



Shelf Support Kits

These heavy-duty brackets add strength to our shelves and work surfaces. You need one shelf support kit for every shelf you want to install.

SKU 7000-1-100-00	4-Post Shelf Bracket Kit
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Side Frame Kits

These heavy-duty steel frames allow you to configure this modular system with ease. All shelves and accessories adjust in 1" increments. The side frames are gangable – and modular, allowing you to create exactly what you need.

SKU 7000-3-001-00	4-Post LAN Rack Side Frame Kit
SKU 7000-3-002-00	4-Post LAN Rack Corner Frame Kit



Computers, monitors and accessories not included.

Performance Plus Accessory Bar Kits

SKU 7000-3-536-00	36" Performance Plus Accessory Bar Kit
SKU 7000-3-548-00	48" Performance Plus Accessory Bar Kit
SKU 7000-3-560-00	60" Performance Plus Accessory Bar Kit
SKU 7000-3-572-00	72" Performance Plus Accessory Bar Kit



Corner Shelf Work Surface

These work surfaces and shelves are 1.25" thick with high-density laminate. Each shelf or work surface supports 850 lbs. The corner unit surface takes up a 4' x 4' area.

SKU 7000-3-0CR-24	4-Post LAN Rack Corner 24" Shelf Kit
SKU 7000-3-0CR-30	4-Post LAN Rack Corner 30" Shelf Kit

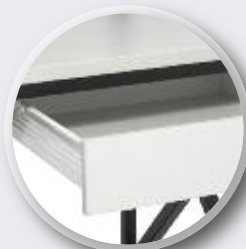
Work Surfaces/Shelves

These work surfaces and shelves are 1.25" thick with high-density laminate. Each shelf or work surface supports 850 lbs. Work surfaces are 30" deep. Shelves are 24" deep. Each shelf or work surface requires a back plate and shelf support kit. These are available in the following widths: 36", 48", 60" and 72". This selection is second to none.

SKU 7000-3-036-24	4-Post LAN Rack 36 X 24 Shelf Kit
SKU 7000-3-036-30	4-Post LAN Rack 36 X 30 Shelf Kit
SKU 7000-3-048-24	4-Post LAN Rack 48 X 24 Shelf Kit
SKU 7000-3-048-30	4-Post LAN Rack 48 X 30 Shelf Kit
SKU 7000-3-060-24	4-Post LAN Rack 60 X 24 Shelf Kit
SKU 7000-3-060-30	4-Post LAN Rack 60 X 30 Shelf Kit
SKU 7000-3-072-24	4-Post LAN Rack 72 X 24 Shelf Kit
SKU 7000-3-072-30	4-Post LAN Rack 72 X 30 Shelf Kit

ACCESSORIES

See pages 29-32 for these and other accessories.



Versatile add on utility drawer. Mounts in just minutes.



Add locking swivel casters to make your workbench mobile.



Monitor mount swivels 360 degrees and tilts up to 40 degrees.



Keyboard tray

KENDALL HOWARD FREE
DESIGN SERVICES...

***Planning a big
project and not
sure where to
start?***

Let us help! We work with many local dealers who can help you plan and execute everything from a new network to a data center. Kendall Howard can help lay out the project to make sure you get exactly what you want while protecting the investment in your infrastructure.

Free services do not apply to custom engineering and manufacturing of products.

KENDALL HOWARD ™

- We ship same day, every day
- Manufactured in Minnesota, U.S.A.
- Superior packaging helps prevent damage during shipping
- Blind drop-shipping
- Product design services
- Custom manufacturing
- Virtual warehousing
- Low cost branding solutions