The F-Series TeraFrame® Cabinet System

Metric footprint for international use

Available in three widths, 12 heights and 17 depths (612 standard sizes)

Includes two pairs of sliding, continuously adjustable equipment mounting rails to provide front and rear support for 19" EIA-310-D compliant rack-mount equipment and shelves

Mounting rails have 1.75"H (44.45 mm) rack-mount units and are available with square-punched or threaded attachment points; rack-mount unit spaces are marked and numbered on each mounting rail

Choose from seven styles of latch-lock combinations; all doors have swing handles with a single-point or two-point slam or cam latch and keyed, combination or electronic lock

Choose a solid Lexan, solid metal or perforated metal front door; doors are reversible to open from the right or left and can be quickly removed during equipment installation or service work

Open base for cable entry; includes leveling feet and floor attachment brackets (casters and bottom panel are available as accessories)

Choose a solid top panel with two (server-style) or four (network-style) large brush-sealed network cable access ports or use the Vertical Exhaust Duct option with high heat density applications to isolate and remove hot air from the room

Welded steel and bolted aluminum frame construction supports up to 2500 lb (1134.0 kg) of equipment

Choose solid or vented easy to remove side panels; side panels have recessed spring-loaded latches with keyed locks; cabinets can be bayed (side-by-side) with side panels installed

Choose a solid metal, perforated metal or double perforated metal rear door

The mounting rails, top panel, side panels and doors are electrically bonded to the cabinet frame; a ground terminal block is included to attach the frame to the CBN or TGB

Organize network cables, power strips and power cords along the sides of the cabinet with optional side-mounted vertical cable power managers

Use optional CPI Passive Cooling® Solutions (thermal management acccessories) to control airflow through, over and around the cabinet to eliminate hot spots and improve equipment cooling

Available in 612 standard sizes
Static load rating up to 2500 lb (1134 kg)

F-Series TeraFrame® Cabinet System

The F-Series TeraFrame® Cabinet System helps organize, store and secure computer, data storage and network equipment in the data center, computer room or network environment. Every cabinet includes two pairs of sliding, continuously adjustable equipment mounting rails to provide critical front and rear support for equipment. Square-punched or tapped EIA-310-D compliant equipment mounting rails guarantee compatibility with most rack-mount equipment. Plus, each rack-mount unit is marked and numbered on all mounting rails making it easy to locate and attach equipment.

Top panels have large brush-covered cable openings that will handle large bundles of cables while preventing undesirable hot air re-circulation. Side panels have a recessed locking spring-loaded latch and can be easily removed to access equipment. Cabinets can be bayed with side panels installed or uninstalled. Doors and side panels are either solid or perforated (mesh). Doors feature a swing handle for better security. There are seven latch lock styles to choose from.

Combine F-Series TeraFrame with thermal and cable management accessories to create a custom solution that fits your exact needs.

Cabinet Specifications:

- Available in 12 heights, three widths and 17 depths
- Provides front and rear support for 19"W EIA equipment and shelves with two pairs of adjustable depth rack-mount unit marked and numbered equipment mounting rails
- Includes grounding and bonding kit
- Includes leveling feet and floor anchor brackets
- Can be ordered with or without top panel, side panels and doors
- Choose from seven door latch-lock combinations
- Welded steel and bolted aluminum frame construction
- Load rating:
  – 2500 lb (1134 kg) for 23.6" (600 mm) wide cabinets
  – 2000 lb (907.2 kg) for 27.6" (700 mm) wide cabinets
  – 2000 lb (907.2 kg) for 31.5" (800 mm) wide cabinets
- UL Listed: File E227626; Category NWIN (US), NWIN7 (Canada) - Information Technology and Communications Equipment Cabinet, Enclosure and Rack Systems

Cabinet Includes:

- (1) Four-post frame (painted finish)
- (4) Vertical Mounting Rails (square-punched or tapped)
- (1) Grounding/Bonding Kit
- (2) Locking, Solid or Vented Side Panels (optional)
- (1) Front Door (optional)
- (1) Rear Door (optional)
- (1) Top Panel (optional)
- (4) Leveling Feet
- (4) Floor Anchor Clamps
- (2) Mounting Brackets for CPI Vertical Power Strips/PDUs in 42U and taller cabinets
- (1) Bag of 25 Each M6 Cage Nuts and Screws (square-punched rails)
- (1) Bag of 50 Each #12-24 Rack Channel Mounting Screws (tapped rails)

See following pages for details.

Use the part number configurator below to create a custom TeraFrame. Choose the **H**eight, **W**idth, **D**epth, **R**ail Style, **F**ront **D**oor, **R**ear **D**oor, **L**atch, **C**olor, **T**op **P**anel Style and **S**ide **P**anel Style. *Example part number: FF2J-112A-C22*

| F | H | W | D | - | R | FD | RD | L | - | C | TP | SP |

1. Height

Cabinet		Frame			
in	mm	in	mm	U	
46.8	1189	46.6	1184	24	A
67.8	1722	67.6	1717	36	B
78.3	1989	78.1	1984	42	C
80.0	2032	79.9	2029	43	D
81.8	2078	81.6	2073	44	E
83.5	2121	83.4	2118	45	F
85.3	2167	85.1	2162	46	G
87.0	2210	86.9	2207	47	H
88.8	2256	88.6	2250	48	J
90.5	2299	90.4	2296	49	K
92.3	2344	92.1	2339	50	L
94.0	2388	93.9	2385	51	M

2. Width

Cabinet		EIA	Frame		
in	mm		in	mm	
23.6	600	19"	23.4	594	1
27.6	700	19"	27.3	694	2
31.5	800	19"	31.3	794	3

3. Depth

Cabinet		Rails		Frame		
in	mm	in	mm	in	mm	
35.3	897	28.6	726	31.5	800	A
36.3	922	29.6	751	32.5	825	B
37.3	947	30.6	776	33.5	850	C
38.2	972	31.5	801	34.4	875	D
39.2	997	32.5	826	35.4	900	E
40.2	1022	33.5	851	36.4	925	F
41.2	1047	34.5	876	37.4	950	G
42.2	1072	35.5	901	38.4	975	H
43.2	1097	36.5	926	39.4	1000	J
44.2	1122	37.4	951	40.4	1025	K
45.1	1147	38.4	976	41.3	1050	L
46.1	1172	39.4	1001	42.3	1075	M
47.1	1197	40.4	1026	43.3	1100	N
48.1	1222	41.4	1051	44.3	1125	P
49.1	1247	42.4	1076	45.3	1150	R
50.1	1272	43.3	1101	46.3	1175	T
51.0	1297	44.3	1126	47.2	1200	U

(Vertical Exhaust Duct spans rows 45.1 through 51.0)

4. Rail Style

Square-Punched, 2 Pair	1
Tapped, #12-24, 2 Pair	2

5. Front Door

0	None
1	Single, Perforated Metal
2	Single, Solid Lexan®
3	Single, Solid Metal

6. Rear Door

0	None
1	Single, Solid Metal
2	Single, Perforated Metal
3	Double, Perforated Metal

Note: Double door requires a two-point latch (C) or (E), see latches above.

7. Latches (Door)

A	Single-Point, Slam Latch, Keyed Lock
B	Single-Point, Cam Latch, Keyed Lock
C	Two-Point, Cam Latch, Keyed Lock
D	Single-Point, Cam Latch, Combo Lock
E	Two-Point, Cam Latch, Combo Lock
K	Single-Point, Slam Latch, Combo Lock
N	None (use when NO DOORS selected)

8. Color

C	Black
D	Signature Blue
E	Glacier White
F	Steel Gray

9. Top Panel Style

0	None
2	Network, 4 Cable Openings
4	Server, 2 Cable Openings
5	Vertical Exhaust Duct System[1], 20"-34"H (508 mm-863 mm)
6	Vertical Exhaust Duct System[1], 34"-60"H (863 mm-1523 mm)

[1]*Use on 45.1"D (1147 mm) to 50.1"D (1297 mm) cabinets only. Recommend the use of an optional front air dam.*

10. Side Panel Style

0	None
1	Solid, 1 each
2	Solid, 2 each
3	Vented, 1 each
4	Vented, 2 each

See notes on next page.

F-SERIES TERAFRAME® CABINET SYSTEM

Ordering Notes:

1. Height: Twelve heights are available. Frame height is height without the top panel. Cabinet height is height with the top panel installed. Frames and cabinets include leveling feet which add approximately 1.3″ (33 mm) to the height of the cabinet. Accessory casters kits add approximately 2.5″ (64 mm) to the height of the cabinet.

2. Width: Three widths are available. The 23.6″W (600 mm) cabinet will match 24″W (600 mm) access floor tiles. All widths include mounting rails spaced for 19″ EIA equipment. Mounting rails are centered by standoff brackets within the frame. Wider cabinets have more space along the sides for cable management.

3. Depth: Seventeen depths are available. Frame depth is the outside depth of the frame. Rail depth is the maximum front-to-rear spacing of equipment mounting rails. Rail depth is reduced when accessories are added. Cabinet depth includes the front and rear doors. The footprint of the cabinet is frame width by frame depth.

4. Rail Style: Two mounting rail styles are available. Square-punched rails are preferred with rack-mount computer server and data storage equipment because they use snap-in cage nut hardware that can be changed to match equipment mounting requirements. Threaded rails speed installation of panel-mount network and cable termination equipment.

5. Front Door Style: Three front door panel styles are available: Perforated (vented) metal, solid tinted Lexan® and solid metal. The door matches the color of the cabinet and includes an anodized aluminum center beam. Doors can be reversed to open from the right or the left. The perforated door is preferred with rack-mount computer server and data storage equipment.

6. Rear Door Style: Three rear door styles are available. The double door reduces the amount of aisle space required to access the rear of the cabinet. Double doors must use two-point latches (see Note 7). If you select a double rear door and a single-point latch, the double door will have a two-point cam latch (C) or (E) with the same type of lock as the front door.

7. Door Latches: Six styles of door latch are available. All doors must have a latch. The (N) option should only be selected if the cabinet has NO doors. Doors have a swing handle on the exterior. Choose a single-point or two-point latch. Double doors require a two-point latch. The slam latch is a spring-loaded latch that engages when the door is pushed closed. The cam latch requires the swing handle to be turned to secure the door in the closed position. The combination lock uses a 3-digit combination entered on 3-dials that are integrated into the swing handle or a key. The combination lock can be reprogrammed in the field.

8. Color: The frame, doors, side panels and top panel are painted the color of choice. Lexan front door panels are tinted. Mounting rails are zinc plated. Interior brackets are black.

9. Top Panel Style: There are three styles of top panel available. Network Top Panels have four large cable openings. Server Top Panels have two large cable openings. Server Top Panels on cabinets that are 45.1″D (1147 mm) or deeper have a knockout for the Vertical Exhaust Duct. Vertical Exhaust Duct System is only available for cabinets that are 45.1″ (1147 mm) to 51.0″D (1297 mm). The system includes a top-mount Vertical Exhaust Duct, a Server Top Panel, an Airflow Director and a Rear Door Sealing Kit (use with solid rear door). Select from two duct height ranges: 20″ to 34″ (508 mm - 863 mm) or 34″ to 60″ (863 mm - 1523 mm) high. Vertical Exhaust Duct System Components are also sold separately.

10. Side Panel Style: Solid and vented side panels are available. Cabinets can be bayed with or without side panels installed. Order baying kits separately.