

Product Cut Sheet

M-SERIES MEGAFRAME® CABINET SYSTEM

The M-Series MegaFrame® Cabinet System is made from aluminum and can be shipped partially assembled in a reduced package size making it easier to move and store when space is limited on the job site. The M-Series MegaFrame Cabinet System supports a vast array of potential applications. The cabinet is available in a variety of sizes to match equipment and facility requirements.



Specifications:

- Available in two widths, three heights and four depths (24 frame sizes)
- Provides front and rear support for 19" EIA or 23" wide equipment
- Mounting rails are fully adjustable and rack-mount units (U) are marked and numbered to simplify equipment installation
- Includes one vertical cable manager, one mounting bracket kit for a vertical power distribution unit (PDU), one baying kit, leveling feet and floor attachment clamps
- Order with or without a top panel, side panels and doors
- Top panels have six cable access holes and a vented center area that accepts an accessory fan kit
- Side panels are solid and include a keyed lock
- Doors are available in a variety of solid or vented styles, are reversible to open from the right or left and include a keyed lock
- Aluminum frame, bolted construction: delivers partially or fully assembled
- Load rating: 2000 lb (907.2 kg)
- UL Listed

| Height Dimensions | | | |
|--------------------------------------|----------------------------|----------------------------|----------------------------|
| All Cabinet Styles | 72" (1830 mm) | 78" (1980 mm) | 84" (2130 mm) |
| Usable Vertical Panel Space | 38 RMU, 66.50" (1689.1 mm) | 42 RMU, 73.50" (1866.9 mm) | 45 RMU, 78.75" (2000.3 mm) |
| Overall Height without Leveling Feet | 72.02" (1829.3 mm) | 78.02" (1981.7 mm) | 84.02" (2130.0 mm) |
| Overall Height with Leveling Feet | 72.92" (1852.2 mm) | 78.92" (2004.6 mm) | 84.92" (2157.0 mm) |
| Overall Height with Casters | 75.70" (1922.8 mm) | 81.70" (2075.2 mm) | 87.70" (2230.0 mm) |
| Frame Vertical Opening | 67.90" (1724.7 mm) | 73.90" (1877.1 mm) | 79.90" (2029.5 mm) |

| Width Dimensions | | |
|------------------------------|-------------------|-------------------|
| Usable Equipment Panel Width | 19" EIA | 23" EIA |
| Overall Width | 27.32" (693.9 mm) | 31.32" (795.5 mm) |
| Frame Horizontal Opening | 20.20" (513.1 mm) | 24.20" (614.7 mm) |

| Depth Dimension Cabinet Only (With Doors) | | | | |
|--|-------------------|-------------------|--------------------|--------------------|
| Nominal Cabinet Depth | 24" (610 mm) | 30" (760 mm) | 36" (910 mm) | 39" (990 mm) |
| Maximum Mounting Depth - Rail to Rail | 24.00" (609.6 mm) | 30.00" (762.0 mm) | 36.00" (914.4 mm) | 39.00" (990.6 mm) |
| Overall Depth - Inside Door to Inside Door | 27.22" (691.4 mm) | 33.22" (843.8 mm) | 39.22" (996.2 mm) | 42.22" (1072.4 mm) |
| Overall Depth - Door Face to Door Face | 27.62" (701.5 mm) | 33.62" (853.9 mm) | 39.62" (1006.3 mm) | 42.62" (1082.5 mm) |

| Depth Dimension Frame Only (Without Doors) | | | | |
|--|-------------------|-------------------|-------------------|--------------------|
| Nominal Cabinet Depth | 24" (610 mm) | 30" (760 mm) | 36" (910 mm) | 39" (990 mm) |
| Maximum Mounting Depth - Rail to Rail | 24.00" (609.6 mm) | 30.00" (762.0 mm) | 36.00" (914.4 mm) | 39.00" (990.6 mm) |
| Overall Depth | 26.13" (663.7 mm) | 32.13" (816.1 mm) | 38.13" (968.5 mm) | 41.13" (1044.7 mm) |

| Shipping Weights: | 72" (1830 mm) | 78" (1980 mm) | 84" (2130 mm) |
|-------------------|-------------------|-------------------|-------------------|
| Minimum | 152 lb (68.9 kg) | 152 lb (68.9 kg) | 155 lb (70.3 kg) |
| Maximum | 251 lb (113.9 kg) | 262 lb (118.8 kg) | 287 lb (130.2 kg) |

Each Cabinet Includes:

- (1) Four-Post Frame (anodized aluminum finish)
- (4) Vertical Mounting Rails
- (2) Locking, East-To-Remove Side Panels
- (1) Locking, Reversible Front Door
- (1) Locking, Reversible Rear Door
- (1) Vented Top Panel & Six Cable Access Ports
- (2) Vertical Half-Height Cable Manager
- (1) Vertical PDU Mounting Bracket Kit
- (4) Leveling Feet
- (1) Multi-Bay Attachment Hardware Kit
- (4) Floor Anchor Clamps
- (1) Bag of Mounting Hardware:
 - Tapped Rails: (50) #12-24 screws
 - Square-punched rails: (16) M6 and (25) #12-24 cage nuts and screws

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CHATSWORTH
PRODUCTS

Product Cut Sheet

M-SERIES MEGAFRAME® CABINET SYSTEM

Part Number Configurator

When ordering an **M-Series Cabinet**, the part number is always preceded by the letter **M**.

1st Digit - Width

How wide is your equipment mounting requirement?

2nd Digit - Height

How tall a cabinet do you need? Call tech support for 8' (2.4 m) cabinet part numbers.

3rd Digit - Depth

What is your maximum mounting depth requirement?

4th Digit - Cabinet Style

Choose your rail style and panel requirement. CPI offers tapped 12-24, square-punched vertical mounting rails, Sun® and IBM® rails. Rails are also available in half heights as an accessory.

5th Digit - Color

Color refers to side panels, vertical mounting rails and metal/perforated metal door panels. Frame is anodized aluminum.

6th Digit - Doors

Appearance and ventilation requirements will determine your door style. The plexiglass door is a "smoked" plexiglass.

7th Digit - Shipping

CPI Cabinets are available partially assembled (or "knocked down") and fully assembled.

Cabinets are also available as a frame only (bottom matrix). For further assistance call 800-834-4969.

CABINET - 72", 78" and 84" Heights (1830 mm, 1980 mm and 2130 mm)

Example Cabinet Part Number: M1221-112

| prefix | 1st digit | 2nd digit | 3rd digit | 4th | 5th digit | 6th digit | 7th digit |
|--------|--------------------------------|--|--|----------------------------|---|-------------------------------|--|
| M | Width 1=19" 2=23" | Height 0=84" (2130 mm) 1=78" (1980 mm) 2=72" (1830 mm) | Depth 2=24" (610 mm) 3=30" (760 mm) 4=39" (990 mm) 5=36" (910 mm) | Style 0, 1, 3, 4 | Color** 1=Gray 2=Computer Beige 7=Black | Doors 0, 1, 2, 3, 4 | Shipping 1=Knocked Down 2=Assembled |

Cabinet Style

- 0=Tapped rails, top & side panels
- 1=Tapped rails, top & no side panels
- 3=Square-punched rails, top & sides
- 4=Square-punched rails, top, no sides

Doors

- 0=No front or rear doors
- 1=Plexiglass front/metal rear
- 2=Metal front/metal rear
- 3=Vented plexiglass front/perforated metal rear
- 4=Perforated metal front/perforated metal rear

(Perforated metal doors are 63% open for high airflow)



FRAME ONLY - 72", 78" and 84" (1830 mm, 1980 mm and 2130 mm) Frame Selections - No Tops, Side or Doors

Example Frame Part Number: M1222-102

| prefix | 1st digit | 2nd digit | 3rd digit | 4th digit | 5th digit | 6th digit | 7th digit |
|--------|--------------------------------|--|--|----------------------|---|------------------------|--|
| M | Width 1=19" 2=23" | Height 0=84" (2130 mm) 1=78" (1980 mm) 2=72" (1830 mm) | Depth 2=24" (610 mm) 3=30" (760 mm) 4=39" (990 mm) 5=36" (910 mm) | Style 2, 5 | Color** 1=Gray 2=Computer Beige 7=Black | Doors 0=None | Shipping 1=Knocked Down 2=Assembled |

Cabinet Style

- 2=Tapped rails, no top or side panels
- 5=Square-Punched rails, no top or side panels



*Server rail styles are only available on cabinets 36" (910 mm) or 39" (990 mm) in depth.

**Color refers to mounting rails side panels and metal/perforated metal door panels. Frame is silver-colored anodized aluminum.

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