emcor®
ENCLOSURES

Emcor® Cabinets and Enclosures

www.crenlo.com/emcor | 507-287-3535

ESQ®

G-Series®

10-Series®

Why Crenlo

At a casual glance, many enclosures look pretty much alike. However, all enclosures are not created equal. A quality enclosure not only maintains a better appearance over time, it also does a better job of protecting the components within it; no matter what the external environment.

Crenlo ensures conformance to high quality manufacturing standards in all elements of the fabrication process. Manufacturing process controls are utilized from the moment raw material is received and continue through final product assembly and inspection. Dimensional accuracy is statistically audited and verified throughout the cycle with the aid of three state-of-the-art coordinated measuring machines. All products are produced under the internationally recognized ISO 9001 quality assurance program.

Emcor® Enclosures

Select from three flexible enclosure product lines, each featuring an extensive selection of rack heights, widths, depths, and styles that target your specific design requirements. These cabinets support a mix of computer, data storage, network and security equipment. Use inside or outside the data center in smaller computer rooms or in premiere network applications. A variety of external and internal accessories are available to complete your design. Modified or custom designs are also available.

ESQ®

ESQ Key Product Features:
- 800 lb. static load rating.
- Wide range of sizes to meet various applications.
- Desk and counter high frames for creating work stations.
- Three EIA panel widths - 19", 24" and 30."
- Ships fully assembled in 2 weeks.
- Available in the Instant Emcor Quick Ship Program.

*Instant*emcor®
Quick Ship Program

G-Series®

G-Series Key Product Features:
- 2000 lb. static load rating.
- Multi-vendor server enclosure
- Wide range of sizes to meet various applications.
- Two EIA panel widths - 19" and 24."
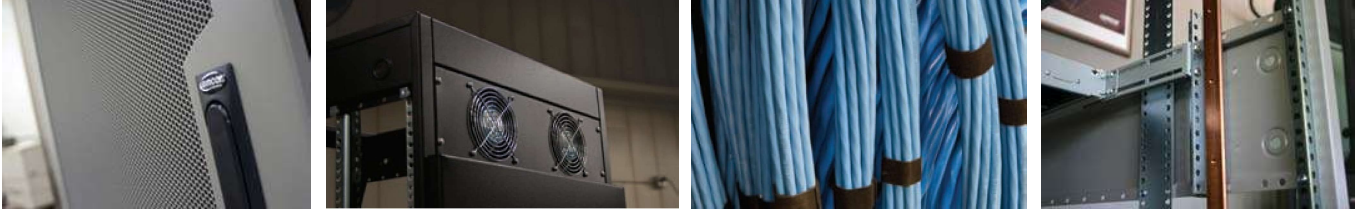- Ships fully assembled in 2 weeks.

10 Series®

10 Series Key Product Features:
- 3500 lb. static load rating.
- Wide range of sizes to meet various applications.
- Desk and counter high frames for creating work stations.
- Two EIA panel widths - 19" and 24."
- Ships fully assembled in 2 weeks.
- Available in the Instant Emcor Quick Ship Program.

*Instant*emcor®
Quick Ship Program

Our Enclosures Feature:

- Adjustable depth mounting rails that support a wide range of equipment.
- Independent, removable side, top panel, bottom panel and doors.
- Optional thermal management accessories to control airflow.
- A variety of cable management and power options.
- Multi-vendor server enclosure.
- Various door styles to match airflow requirements.
- Locking side panels and doors for equipment security.

Common Modifications:

- Strut re-locations.
- Holes and cut-outs.
- Ground studs.
- Pre-assembly or pre-wiring.
- Paint / decals.
- Service panels.
- Shock & vibration / IBC / seismic / NEMA.

Modifications to the Overall Foot-print

The gray area on charts below show the typical ranges to which each product line can be modified in terms of usable height, depth and width. Standard* sizes are indicated within the gray area.

ESQ

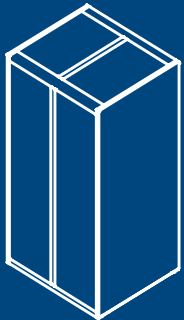| U's	1U	3U	5U	7U	9U	11U	13U	15U	17U	19U	21U	23U	25U	27U	29U	31U	33U	35U	37U	39U	41U	43U	45U	47U	49U
Inches	1.75	5.25	8.75	12.25	15.75	19.25	22.75	26.25	29.75	33.25	36.75	40.25	43.75	47.25	50.75	54.25	57.75	61.25	64.75	68.25	71.75	75.25	78.75	82.25	85.75
Usable Height				6U		10U	12U		16U		20U		25U			30U			35U		40U		45U		
Overall Depth				18.500	22.000		25.500	30.750																	
Overall Width						21.062		26.062		32.062															

*Modifications to the standard foot-print may affect static load ratings, center of gravity and other performance.

G-Series

U's	1U	3U	5U	7U	9U	11U	13U	15U	17U	19U	21U	23U	25U	27U	29U	31U	33U	35U	37U	39U	41U	43U	45U	47U	49U
Inches	1.75	5.25	8.75	12.25	15.75	19.25	22.75	26.25	29.75	33.25	36.75	40.25	43.75	47.25	50.75	54.25	57.75	61.25	64.75	68.25	71.75	75.25	78.75	82.25	85.75
Usable Height															30U			35U			40U	42U	45U		
Overall Depth							26.312		31.562		36.875		42.125												
Overall Width					21.062		26.062																		

*Modifications to the standard foot-print may affect static load ratings, center of gravity and other performance.

10 Series

U's	1U	3U	5U	7U	9U	11U	13U	15U	17U	19U	21U	23U	25U	27U	29U	31U	33U	35U	37U	39U	41U	43U	45U	47U	49U
Inches	1.75	5.25	8.75	12.25	15.75	19.25	22.75	26.25	29.75	33.25	36.75	40.25	43.75	47.25	50.75	54.25	57.75	61.25	64.75	68.25	71.75	75.25	78.75	82.25	85.75
Usable Height					15U			19U	20U		23U			28U		30U		35U	36U		40U		45U	48U	to 54U
Overall Depth							26.312		31.562		36.875		42.125	47.375											
Overall Width					22.562		27.562																		

*Modifications to the standard foot-print may affect static load ratings, center of gravity and other performance.

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www. CAD files and BOM's are available on our website.

Sample Configurations
The following pages show sample configurations made up of the following frame components. The number of standard options for each type of frame and the associated product line is listed below. Visit our website to download CAD files and complete BOMs.

Dual-Bay	Vertical	Slope Front	Work Surface	Instrument	Turret	Wedge
ESQ	ESQ	ESQ	ESQ	ESQ	ESQ	ESQ
N/A	79 Options	18 Options	22 Options	24 Options	42 Options	66 Options
G-Series	G-Series	G-Series	G-Series	G-Series	G-Series	G-Series
20 Options	40 Options	N/A	N/A	N/A	N/A	N/A
10 Series	10 Series	10 Series	10 Series	10 Series	10 Series	10 Series
N/A	78 Options	8 Options	20 Options	N/A	12 Options	68 Options

X-01

155.37

61.07

X-02

124.46

65.03

X-03

90.25

50.56

X-04

271.34

77.53

X-05

229.06

121.02

X-06

150.37

50.56

X-07

117.48

56.33

X-08

181.88

80.91
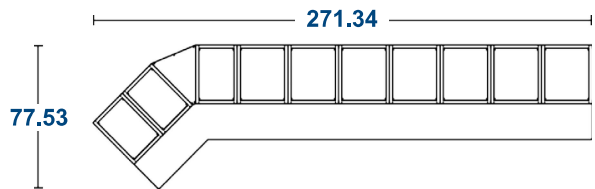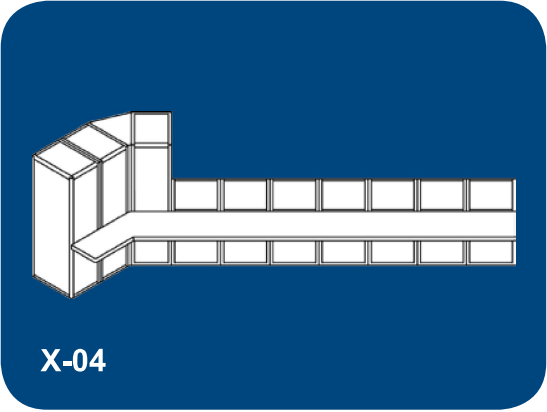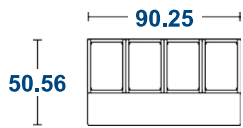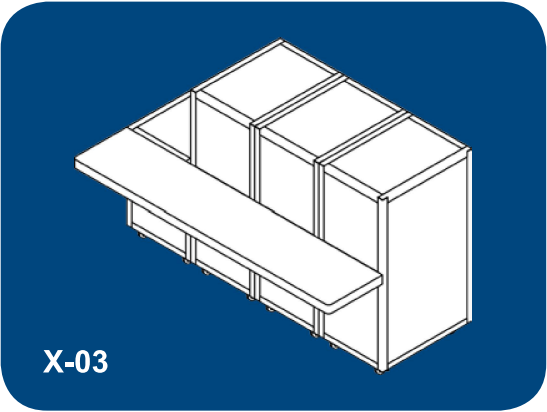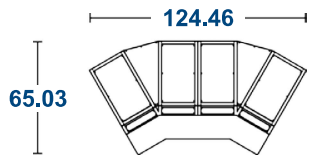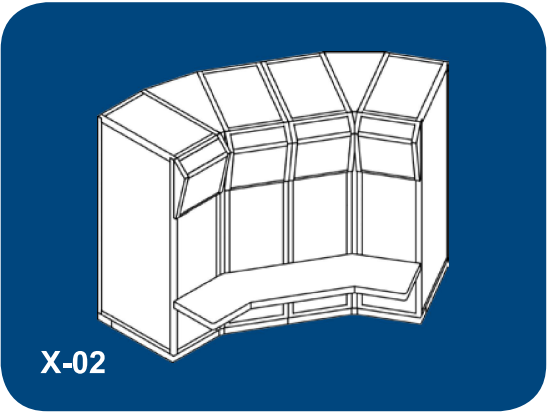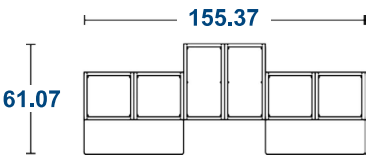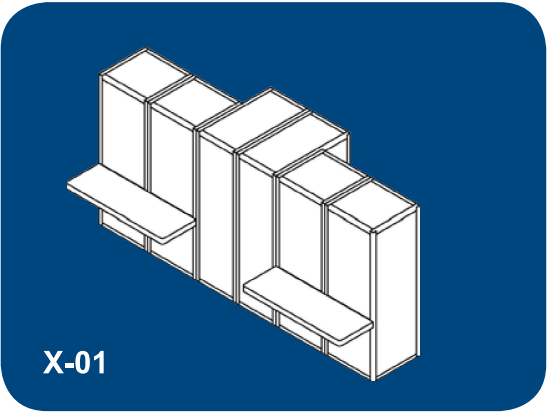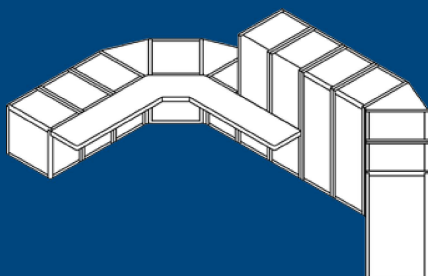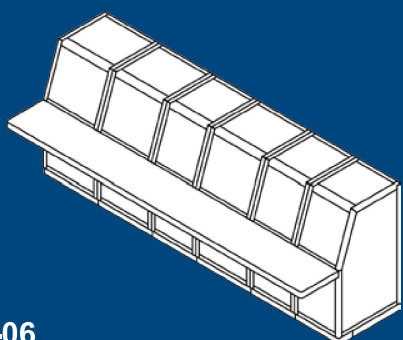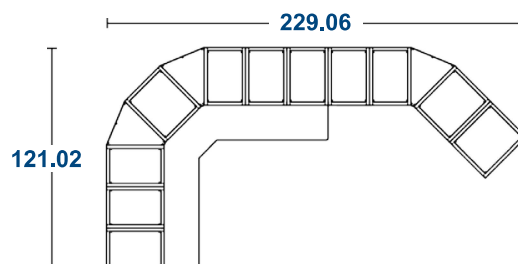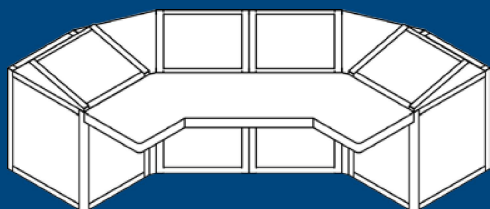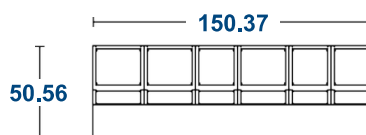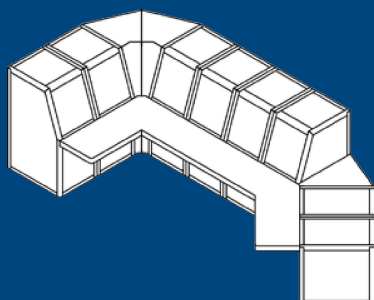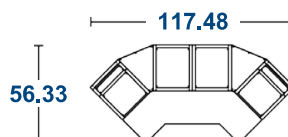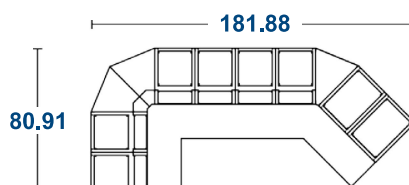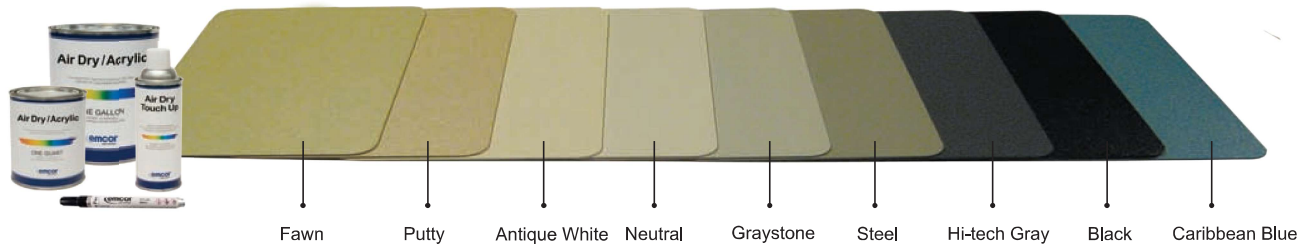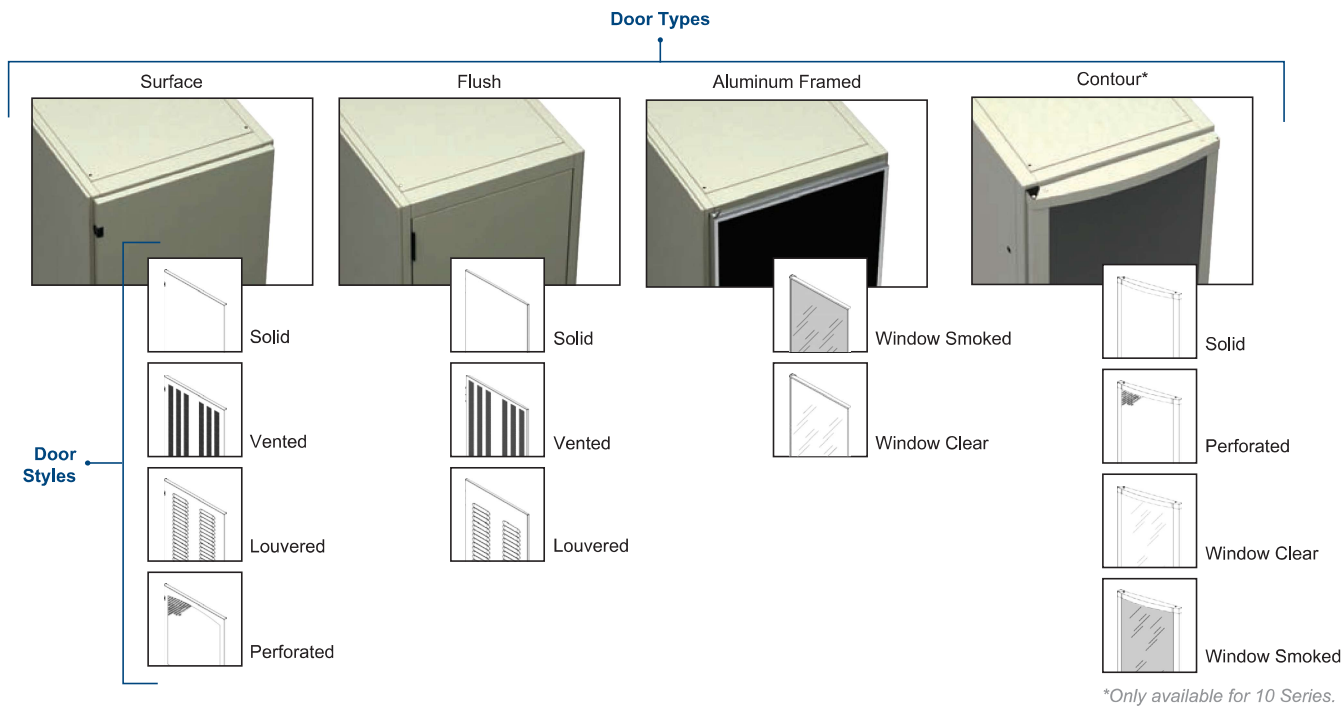
Options and Accessories

Paint/Finish

Our enclosures are finished in textured powder paint. Powder coating provides a durable high-quality finish. Select from one of nine proprietary color options. If needed, we offer air dry touch-up paint in three convenient sizes.

Fawn   Putty   Antique White   Neutral   Graystone   Steel   Hi-tech Gray   Black   Caribbean Blue

Door Options

The following door options are available. The doors can be used on the front or rear of the cabinet. Select the type and style combination that best fits your functionality needs; weather it be visibility, air flow management, or simply aesthetics.

Door Types

| Surface | Flush | Aluminum Framed | Contour* |

Door Styles

Surface:
- Solid
- Vented
- Louvered
- Perforated

Flush:
- Solid
- Vented
- Louvered

Aluminum Framed:
- Window Smoked
- Window Clear

Contour*:
- Solid
- Perforated
- Window Clear
- Window Smoked

Only available for 10 Series.

Panels

Available in multiple styles, filler panels close off all, or portions of, the top, front, rear, and slope opening areas of the frame. Most styles available in 1U-45U heights and in 1U increments.

Fan
Laminate
Vented
Louvered
Perforated
Solid
Aluminum
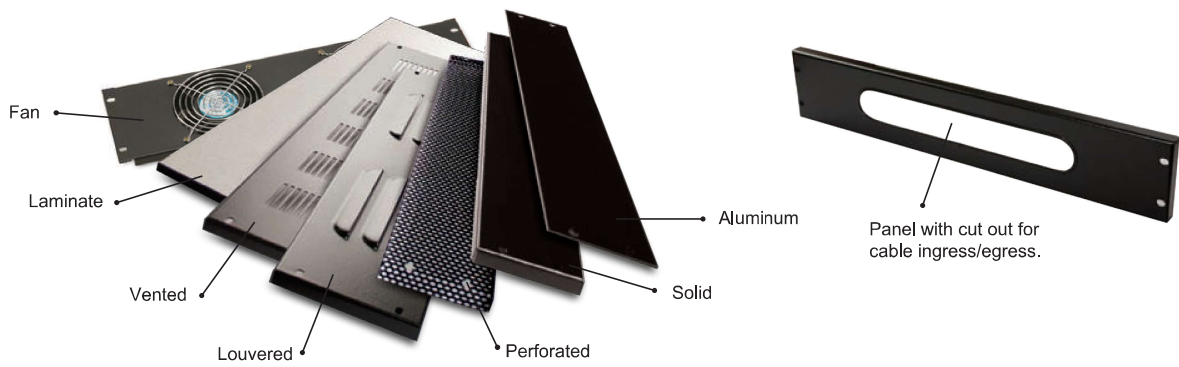
Panel with cut out for cable ingress/egress.

Power

Crenlo offers one of the largest selection of enclosure power distribution units (PDUs) available on the market. This complete suite of power products is designed specifically to help IT professionals meet their rapidly escalating power requirements.


Basic Metered Switched Monitored
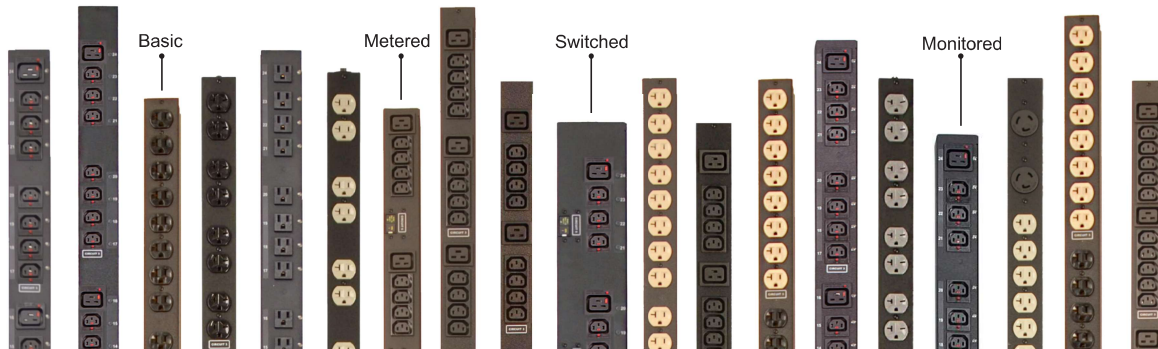
Cable Management

Cabinets house more equipment today than ever before. This rise in equipment densities has increased the need for organized cable management. Poor cable management can not only lead to damaged cables or increased time to add or change out cables, but can block critical airflow or access. We offer the proper cable management options to meet varying needs.
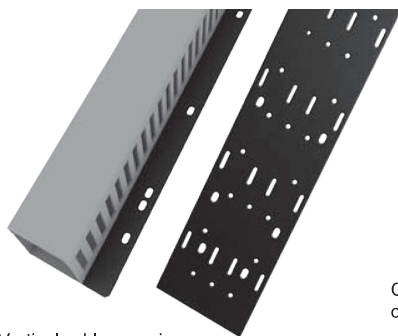
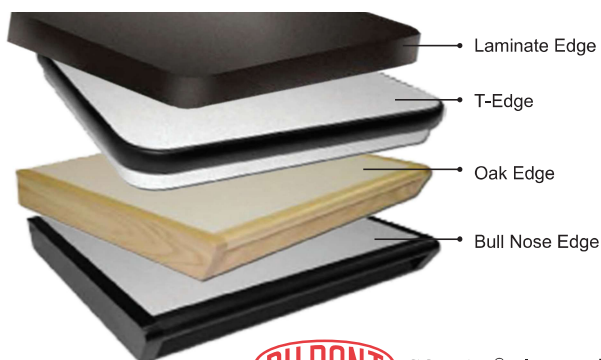
Vertical cable organizers and lacing panels.
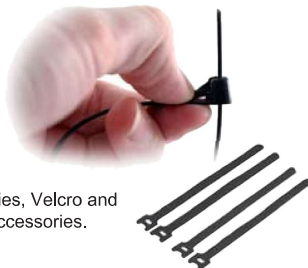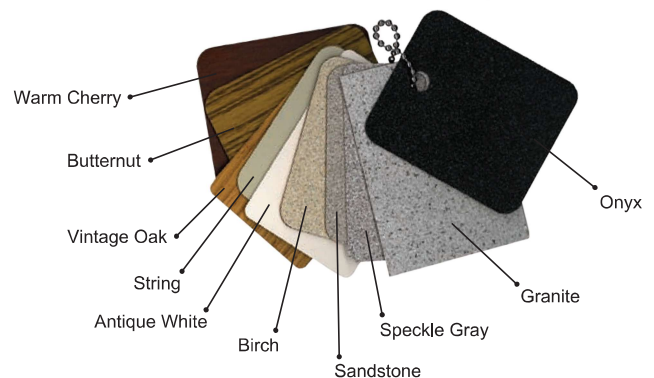
Cable ties, Velcro and other accessories.
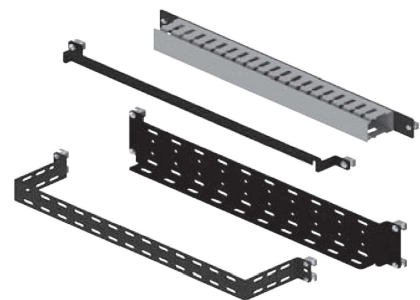
Horizontal cable organizers and lacing panels.

Work Surface Styles and Laminate Options

Select from the following work surface styles and laminate options. Unique surfaces such as static dissipative can be accommodated.

Laminate Edge
T-Edge
Oak Edge
Bull Nose Edge

Warm Cherry
Butternut
Vintage Oak
String
Antique White
Birch
Sandstone
Speckle Gray
Granite
Onyx

DUPONT CORIAN® also available.

Options and Accessories

Accessories
We offer a variety of additional accessories to tailor an enclosure to specific application needs. Most of the items listed below can be used in either the ESQ, G-Series or 10 Series product lines. For a complete list of available accessories visit our website.

Shelves

Chassis Guides (200 lbs.)
Monitor Shelf (50 lbs.)
Fixed Shelf (125-200 lbs.)
Sliding Shelf (90-112 lbs.)

Air Flow Management

Pagoda Style Venting (Natural Convection)
Single Fan Panels (550 CFM)
Dual Fan Panels (204 CFM)
Fan Trays (290-586 CFM)
Blowers (125-500 CFM)
Pagoda Impellers (1040 CFM)

Drawers

Drawer (2U-8U) (90 lbs.)
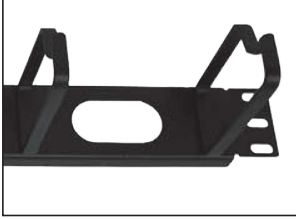Drawer with Lid (90 lbs.)
Keyboard Tray

Power

Basic, Metered, Monitored, Switched
15-60 Amp
120-208 Volt
Vertical and Horizontal Orientations
NEMA / IEC / CA Style Plugs and Receptacles
Environmental Control (Temp, Humidity, Dew Point)

Grounding

Bus Plate (14 Grounding Holes)
Bus Bar (12U-45U)
Ground Studs

Cable Management

Vertical Lacing Panels and Cable Organizers
Horizontal Lacing Panels and Cable Organizers
Overhead Cable Trays
Cable Ingress/Egress Panels
Velcro and Other Cable Ties

Casters

 75# Soft Rubber
 75# Polypropylene
180# Hard Rubber
200# Soft Rubber (LK option)
375# Hard Rubber (LK option)

Lighting

Rack-mount or Panel-mount Style
LED and Halogen Bulbs
12" and 18" Gooseneck Lengths
Bases for conversion to task lighting