

COMEX

COMPOSITE RACKMOUNT CASES

KEY FEATURES

- Lightweight, high-strength GMT composite construction
- Slide-out 19-inch EIA-310 aluminum rack with multi-axis shock isolation
- Available in 3U–14U rack heights (Only up to 9U for 30" depth)
- Rack depths: 20", 24", and 30" depending on configuration
- Watertight sealing for harsh environments
- Recessed hardware with molded stacking features
- Removable front and rear covers with draw latches
- 10-32 nut-bar fasteners for flexible equipment mounting
- Standard support for equipment up to 150 lbs; reinforced options up to 230 lbs

DESAPRO Composite Rack-Mount Cases are engineered to deliver rugged protection in a lightweight, high-performance design. Built from advanced GMT (glass mat thermoplastic) composite materials, these enclosures provide exceptional stiffness, durability, and environmental resistance. Integrated slide-out 19-inch racks enable full access to electronic equipment during installation, integration, and maintenance, improving efficiency in the field. Designed to perform in extreme environments, these cases withstand temperatures from -20°F (-29°C) to +185°F (85°C) while delivering superior shock and vibration protection.



SPECIFICATIONS

2400 SERIES – 20” RACK DEPTH

	Overall External Dimensions					
Rack Height	Height (in/cm)	Width (in/cm)	Depth (in/cm)	Case Weight (lbs/kg)	Rack Weight (lbs/kg)	Total Weight (lbs/kg)
3U	9.57 / 24.31	22.53 / 57.22	30.0 / 76.2	27.9 / 12.68	10.5 / 4.7	38.4 / 17.5
4U	11.32 / 28.75	22.53 / 57.22	30.0 / 76.2	29.1 / 13.23	10.8 / 4.8	39.9 / 18.1
5U	13.07 / 33.20	22.53 / 57.22	30.0 / 76.2	30.9 / 14.05	11.1 / 5.0	42.0 / 19.0
6U	14.82 / 37.64	22.53 / 57.22	30.0 / 76.2	34.1 / 15.5	11.4 / 5.1	45.5 / 20.6
7U	16.57 / 42.09	22.53 / 57.22	30.0 / 76.2	36.1 / 16.4	11.8 / 5.3	47.9 / 21.7
8U	18.32 / 46.53	22.53 / 57.22	30.0 / 76.2	37.6 / 17.1	12.1 / 5.4	49.7 / 22.5
9U	20.07 / 50.98	22.53 / 57.22	30.0 / 76.2	39.5 / 17.9	12.4 / 5.6	51.9 / 23.5
10U	21.82 / 55.42	22.53 / 57.22	30.0 / 76.2	41.2 / 18.7	12.7 / 5.7	53.9 / 24.5
11U	23.57 / 59.87	22.53 / 57.22	30.0 / 76.2	43.1 / 19.6	13.0 / 5.9	56.1 / 25.5
12U	25.32 / 64.31	22.53 / 57.22	30.0 / 76.2	45.0 / 20.4	13.3 / 6.0	58.3 / 26.5
13U	27.07 / 68.76	22.53 / 57.22	30.0 / 76.2	46.9 / 21.3	13.6 / 6.1	60.5 / 27.5
14U	28.82 / 73.20	22.53 / 57.22	30.0 / 76.2	48.8 / 22.1	14.0 / 6.3	62.8 / 28.5

2800 SERIES – 24” RACK DEPTH

	Overall External Dimensions					
Rack Height	Height (in/cm)	Width (in/cm)	Depth (in/cm)	Case Weight (lbs/kg)	Rack Weight (lbs/kg)	Total Weight (lbs/kg)
3U	9.57 / 24.31	22.53 / 57.22	34.50 / 87.63	29.1 / 13.23	11.0 / 4.9	40.1 / 18.2
4U	11.32 / 28.75	22.53 / 57.22	34.50 / 87.63	30.5 / 13.86	11.3 / 5.1	41.8 / 19.0
5U	13.07 / 33.20	22.53 / 57.22	34.50 / 87.63	32.3 / 14.68	11.6 / 5.2	43.9 / 19.9
6U	14.82 / 37.64	22.53 / 57.22	34.50 / 87.63	35.5 / 16.14	11.9 / 5.3	47.4 / 21.5
7U	16.57 / 42.09	22.53 / 57.22	34.50 / 87.63	36.7 / 16.70	12.2 / 5.5	49.8 / 22.6
8U	18.32 / 46.53	22.53 / 57.22	34.50 / 87.63	39.0 / 17.73	12.5 / 5.6	51.5 / 23.4
9U	20.07 / 50.98	22.53 / 57.22	34.50 / 87.63	42.4 / 19.27	12.8 / 5.8	55.2 / 25.0
10U	21.82 / 55.42	22.53 / 57.22	34.50 / 87.63	44.4 / 20.15	13.2 / 6.0	57.6 / 26.1
11U	23.57 / 59.87	22.53 / 57.22	34.50 / 87.63	46.0 / 20.91	13.5 / 6.1	59.5 / 27.0
12U	25.32 / 64.31	22.53 / 57.22	34.50 / 87.63	48.0 / 21.77	13.8 / 6.3	61.8 / 28.0
13U	27.07 / 68.76	22.53 / 57.22	34.50 / 87.63	49.8 / 22.61	14.1 / 6.4	63.9 / 29.0
14U	28.82 / 73.20	22.53 / 57.22	34.50 / 87.63	49.6 / 22.55	14.4 / 6.5	64.0 / 29.0

3400 SERIES – 30” RACK DEPTH

	Overall External Dimensions					
Rack Height	Height (in/cm)	Width (in/cm)	Depth (in/cm)	Case Weight (lbs/kg)	Rack Weight (lbs/kg)	Total Weight (lbs/kg)
3U	9.57 / 24.31	22.53 / 57.22	40.14 / 101.95	35.2 / 16.0	13.9 / 6.3	49.1 / 22.3
4U	11.32 / 28.75	22.53 / 57.22	40.14 / 101.95	36.6 / 16.6	14.2 / 6.4	50.8 / 23.0
5U	13.07 / 33.20	22.53 / 57.22	40.14 / 101.95	38.0 / 17.2	14.4 / 6.5	52.4 / 23.8
6U	14.82 / 37.64	22.53 / 57.22	40.14 / 101.95	39.5 / 17.9	14.7 / 6.6	54.2 / 24.6
7U	16.57 / 42.09	22.53 / 57.22	40.14 / 101.95	40.8 / 18.5	14.9 / 6.7	55.7 / 25.3
8U	18.32 / 46.53	22.53 / 57.22	40.14 / 101.95	42.2 / 19.1	15.2 / 6.9	57.4 / 26.0
9U	20.07 / 50.98	22.53 / 57.22	40.14 / 101.95	45.3 / 20.5	15.5 / 7.0	60.8 / 27.6



COLORS

Option	Availability
Black	Standard
Green	Optional
Desert Tan	Optional

HARDWARE MATERIAL

Option	Availability
Stainless Steel	Standard
Black Oxide Coated Stainless Steel	Optional

OPTIONAL HARDWARE

Nut Bars (10-32 Standard, Metric Optional)
Lift Rings
Stacking Latches
Casters

LID OPTIONS

3" (7.6 cm) Depth (Standard)
5" (12.7 cm) Depth (Standard)
Pouches (Single & Dual Lid)
Lid Hangers
Lid Handles
Center Grip Handle

CUSTOM FEATURES

Slide-Out Drawer
Slide-Out Shelf
Equipment Interface Panel (Entry & Exit)
Stenciling
Humidity Indicator
Accessible Shock Indicator

Satellite
C4ISR
Training & Simulation
Missile & Tracking
Testing & Ground
Support
Unmanned Systems
MEDeVAC & Emergency
Response
Medical

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