

SUPERMICR<sup>®</sup>

# SuperRack<sup>®</sup>

*The Most Flexible 42U Rack System Solution*

- **Easy access** to equipment from both sides of rack **front and rear** enables quick-and-easy hot-plug servicing
- Reduced cabling **optimizes air flow** and improves cooling
- **Building block design** and intuitive installation process minimize deployment cycle
- **Per-U design** simplifies **cable management** and reduces integration time



[www.supermicro.com/products/rack](http://www.supermicro.com/products/rack)

## High Density

Standardized SuperRack optimized for high density server solutions and advanced networking applications

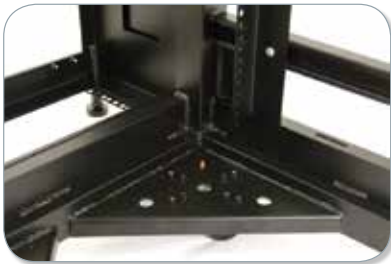
Certified static load up to 5511 lbs / 2500 kg

## Compatible

Compliant with ANSI/EIA RS-310-C/D/E Standards

## Reliable

Combination of welding innovation and thoughtful structural mechanical design provides support for very heavy server installations



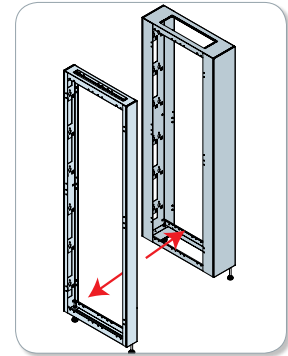
Front Angled View

## Building Block Design

Building-block design and intuitive installation process reduce overall deployment schedules.

## Expandable

With unique add-on expansion units the SuperRack easily accommodates many different server configurations for either rear or front end of rack.



Supermicro's new SuperRack systems were designed from the ground up for ease of installation, maintenance, and expansion. They offer easy rear access and cabling arrangements for hot-swap-capable servers, such as Supermicro's Twin and Double-Sided Storage™ families. If you're looking for rack that's convenient, flexible, reliable, customizable, and compatible, SuperRack is the ideal choice.

The SuperRack system offers the following advanced features:

### Heavy Load Support for High Density Server Solutions

With a certified static load support of up to 5511 lbs (2500 kg), SuperRack systems can support any combination of today's server systems.

### Flexible and Expandable

The SuperRack can be scaled easily in any direction to match customer configuration, cabling, airflow, and cooling requirements. Thus re-configuring the SuperRack to adapt to changing IT environments is an effortless process, scaling easily along with the customer's applications. SuperRack also offers front and rear hot-plug access that will significantly improve the service experience and reduce downtime.

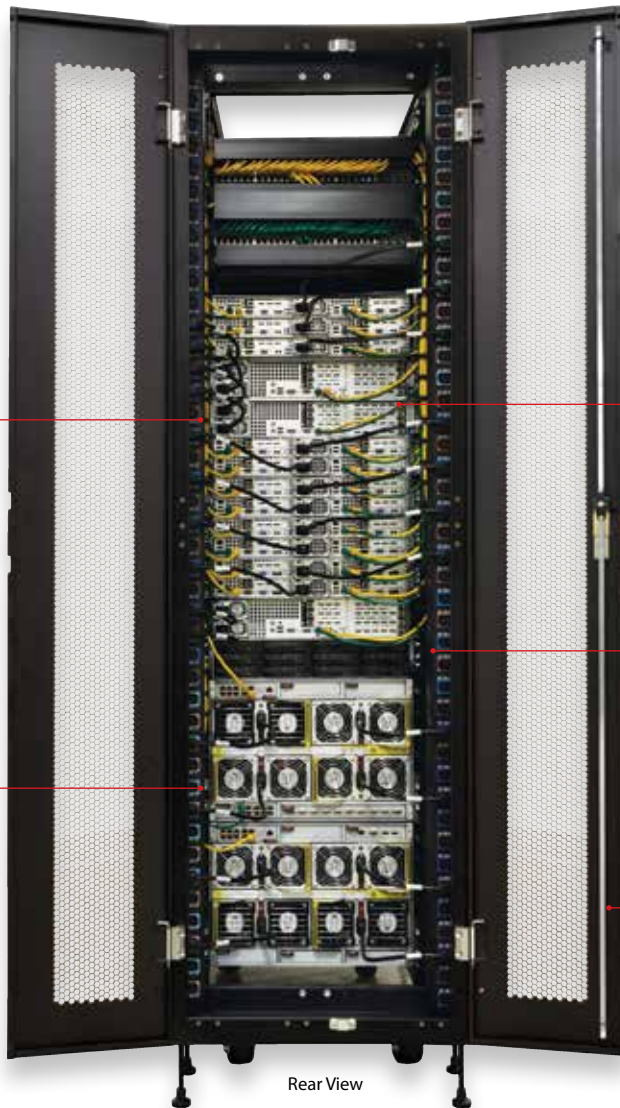
## Per-U Design

Ground-breaking Per-U design concept simplifies cable management and minimizes integration time



## Flexible

Innovative expansion solutions ensure compatibility with data center demands in the future



## Accessible

Versatile **Front and Rear access hot-plug optimizations** provide an improve service experience



## Optimized Air Flow

Reduced cabling optimizes air flow and improves cooling

## Customizable

Fully customizable options offer a well-rounded total Rack solution and service

### Convenience Using the "Per U" Design Concept

The SuperRack offer a ground-breaking Per-U design that greatly simplifies cable management and minimizes integration time, regardless of the cabling and server configuration.

### SuperRack Building Blocks

Building block-based design and intuitive installation process lead to reduced overall deployment timeframes. These building blocks include 130+ accessories and add-on selections to fit the application and scale with business requirements.

### Compatible, Reliable, and Compliant

The SuperRack is compliant with ANSI/EIA RS-310-C/D/E standards and compatible with major market rack accessory.

Supermicro's complete line of server systems, storage, networking, and SuperRack solutions provides customers with an end-to-end solution and one-stop source for all their IT system needs.

**Open Frames  
& Enclosures**



	<b>42U Open Frame</b> (1016mm Deep) Generation 2	<b>42U Enclosure</b> (1016mm Deep) Generation 2	<b>42U Open Frame</b> (950mm Deep) Generation 1
<b>MODEL</b>	<b>SRK-42OR-03</b>	<b>SRK-42SE-03</b>	<b>SRK-42OR-01</b>
Net Weight	57.19 kg / 126.25 lbs	84.19 kg / 185.85 lbs	55.42 kg / 122.18 lbs
Dimension (HxWxD)	2000 x 598 x 1016 mm 78.74 x 23.54 x 40 in	2000 x 598 x 1016 mm 78.74 x 23.54 x 40 in	2092.7 x 598 x 950mm 82.38 x 23.5 x 37.40 inch
Net Depth with Stabilizing Feet	1016.00 mm / 40.00 in	1016.00 mm / 40.00 in	950.00mm / 37.40 inch
Shipping Weight	85.00 kg / 187.39 lbs	112.00 kg / 247.24 lbs	83.23 kg / 183.74 lbs
Shipping Dimension (HxWxD)	2165 x 640 x 1080 mm 85.24 x 25.19 x 42.52 in	2165 x 640 x 1080 mm 85.24 x 25.19 x 42.52 in	2230 x 640 x 1030mm (87.79 x 25.19 x 40.55 inch)
Weight Capacity (static load)	1500.00 kg / 3303.96 lbs	1500.00 kg / 3303.96 lbs	2500.00 kg / 5500 lbs
Weight Capacity (dynamic load)	1000.00 kg / 2202.64 lbs	1000.00 kg / 2202.64 lbs	1250.00 kg / 2755.77 lbs
Minimum Mounting Depth	180.00 mm / 7.09 in	180.00 mm / 7.09 in	100.00mm / 3.93 inch
Maximum Mounting Depth	966.00 mm / 38.03 in	966.00 mm / 38.03 in	850.00mm / 33.46 inch
Rack Height	42U	42U	42U
Color	Black	Black	Black
Units per Pallet	1	1	1
Vertical Posts	16 gauge	16 gauge	16 gauge
Front Door	X	x	Option
Rear Door	X	x	Option
Roof	X	x	Option
EIA Mounting Rails	14 gauge (rectangle hole)	14 gauge	14 gauge
Side Panel	X	0	Option

Compliance Regulatory Approvals: EIA-310-D Standard Warranty: 3 year repair or replace Environmental Compliance: RoHS

**Open Frames  
& Enclosures**



<b>42U Enclosure</b> (1000mm Deep) Generation 1	<b>42U Open Frame</b> (1175mm Deep) Generation 1	<b>42U Enclosure</b> (1225mm Deep) Generation 1	
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<b>SRK-42SE-01</b>	<b>SRK-42OR-02</b>	<b>SRK-42SE-02</b>	<b>MODEL</b>
94.04 kg / 207.60 lbs	78.82 kg / 173.76 lbs	117.44 kg / 258.91 lbs	Net Weight
2092.70 x 598 x 1000mm 82.38 x 23.54 x 39.37 inch	2092.70 x 598 x 1175mm 82.38 x 23.54 x 46.25 inch	2092.70 x 598 x 1225mm 82.38 x 23.54 x 48.22 inch	Dimension (HxWxD)
1000.00mm / 39.37 inch	1175.00mm / 46.25 inch	1225.00mm / 48.22 inch	Net Depth with Stabilizing Feet
121.85 kg / 268.63 lbs	111.56 kg / 245.94 lbs	150.18 kg / 331.08 lbs	Shipping Weight
2230 x 640 x 1030mm (87.79 x 25.19 x 40.55 inch)	2230 x 640 x 1260mm (87.79 x 25.19 x 49.60 inch)	2230 x 640 x 1260mm (87.79 x 25.19 x 49.60 inch)	Shipping Dimension (HxWxD)
2500.00 kg / 5500 lbs	2500.00 kg / 5500 lbs	2500.00 kg / 5500 lbs	Weight Capacity (static load)
1250.00 kg / 2755.77 lbs	1250.00 kg / 2755.77 lbs	1250.00 kg / 2755.77 lbs	Weight Capacity (dynamic load)
100.00mm / 3.93 inch	100.00mm / 3.93 inch	100.00mm / 3.93 inch	Minimum Mounting Depth
850.00mm / 33.46 inch	850.00mm / 33.46 inch	850.00mm / 33.46 inch	Maximum Mounting Depth
42U	42U	42U	Rack Height
Black	Black	Black	Color
1	1	1	Units per Pallet
16 gauge	16 gauge	16 gauge	Vertical Posts
18 gauge	Option	18 gauge	Front Door
18 gauge	Option	18 gauge	Rear Door
Option	Option	Option	Roof
14 gauge	14 gauge	14 gauge	EIA Mounting Rails
18 gauge	Option	18 gauge	Side Panel
			Compliance

For detailed information, please contact your Supermicro sales representative.  
[www.supermicro.com/support/rack\\_parts/parts.aspx](http://www.supermicro.com/support/rack_parts/parts.aspx)

**Cable Management Troughs**

Part Number	Description	Use for
SRK-01CM-01	1U Top Cable Management Trough	G1,G2
SRK-01CM-21	1U Single Sided Fingers Cable Management Trough	G1,G2
SRK-01CM-41	1U Bracket with Fingers Cable Management Trough	G1,G2
SRK-02CM-01	2U Top Cable Management Trough	G1,G2
SRK-02CM-21	2U Single Sided Fingers Cable Management Trough	G1,G2
SRK-02CM-41	2U Bracket with Fingers Cable Management Trough	G1,G2
SRK-03CM-01	3U Top Cable Management Trough	G1,G2
SRK-20CM-51	20U Vertical Mounting with Fingers Cable Management Trough - 54 x 40 mm ( W x D )	G1
SRK-20CM-54	20U Vertical Mounting with Fingers Cable Management Trough - 108 x 40 mm ( W x D )	G1
SRK-42CM-61	42U Vertical Mounting with Fingers Cable Management Trough - 54 x 40 mm ( W x D )	G1
SRK-42CM-64	42U Vertical Mounting with Fingers Cable Management Trough - 108 x 40 mm ( W x D )	G1
SRK-42CM-71	42U Vertical Mounting with Cover Over Fingers Cable Management Trough - 54 x 40 mm ( W x D )	G1
SRK-42CM-72	42U Vertical Mounting with Cover Over Fingers Cable Management Trough - 54 x 60 mm ( W x D )	G1
SRK-42CM-73	42U Vertical Mounting with Cover Over Fingers Cable Management Trough - 54 x 80 mm ( W x D )	G1
SRK-42CM-74	42U Vertical Mounting with Cover Over Fingers Cable Management Trough - 108 x 40 mm ( W x D )	G1
SRK-42CM-75	42U Vertical Mounting with Cover Over Fingers Cable Management Trough - 108 x 60 mm ( W x D )	G1
SRK-42CM-76	42U Vertical Mounting with Cover Over Fingers Cable Management Trough - 108 x 80 mm ( W x D )	G1
SRK-42CM-81	42U Vertical Mounting Post with Finger Cable Management Trough - 70 mm (D)	G1
SRK-42CM-82	42U Vertical Mounting Post with Finger Cable Management Trough - 125 mm (D)	G1
SRK-42CM-87	42U Vertical MultiFunction Mounting Post with Finger Cable Management Trouogh-55mm(W)	G2
SRK-42CM-88	42U Vertical MultiFunction Mounting Post with Finger Cable Management Trouogh-110mm(W)	G2
SRK-42CM-91	42U Vertical Mounting Post with Cover Over Finger Cable Management Trough - 45 mm (W)	G1
SRK-42CM-92	42U Vertical Mounting Post with Cover Over Finger Cable Management Trough - 65 mm (W)	G1
SRK-42CM-93	42U Vertical Mounting Post with Cover Over Finger Cable Management Trough - 85 mm (W)	G1
SRK-42CM-94	42U Vertical Mounting Post with Cover Over Finger Cable Management Trough - 105 mm (W)	G1
SRK-42CM-96	42U Vertical Mounting Post with Cable Ties Cable Management Trough - 45 mm (W)	G1
SRK-42CM-97	42U Vertical Mounting Post with Cable Ties Cable Management Trough - 65 mm (W)	G1
SRK-42CM-98	42U Vertical Mounting Post with Cable Ties Cable Management Trough - 85 mm (W)	G1
SRK-42CM-99	42U Vertical Mounting Post with Cable Ties Cable Management Trough - 105 mm (W)	G1

**Mounting Plates**

Part Number	Description	Use for
SRK-42MP-31	42U Vertical Mounting Post - 70 mm (w)	G1
SRK-42MP-32	42U Vertical Mounting Post - 130 mm (w)	G1
SRK-42MP-33	42U Vertical MultiFunction Mounting Plate-55mm(W)	G2
SRK-42MP-34	42U Vertical MultiFunction Mounting Plate-110mm(W)	G2

**Mounting Posts**

Part Number	Description	Use for
SRK-42MP-01	42U Round Hole Mounting Post - Front Left and Rear Right	G1
SRK-42MP-02	42U Round Hole Mounting Post - Front Right and Rear Left	G1
SRK-42MP-11	42U Square Hole Mounting Post - Front Left and Rear Right	G1
SRK-42MP-12	42U Square Hole Mounting Post - Front Right and Rear Left	G1

**Components**

Part Number	Description	Use for
SRK-00AS-01	Floor Levelers	G1
SRK-00AS-11	M5 Cage Nut	G1,G2
SRK-00AS-12	M6 Cage Nut	G1,G2
SRK-00AS-13	10-32 Cage Nut	G1,G2
SRK-00AS-14	12-24 Cage Nut	G1,G2
SRK-00AS-21	M5 Panel Screw	G1,G2
SRK-00AS-22	M6 Panel Screw	G1,G2
SRK-00AS-23	10-32 Panel Screw	G1,G2
SRK-00AS-24	12-24 Panel Screw	G1,G2
SRK-00AS-32	400 mm Low-resistance Conductive Kit	G1,G2
SRK-00AS-42	3.0 inch (76.20 mm) Bolt Down kit	G1
SRK-00AS-49	L Type Bolt-Down Kits for Gen. 2	G2
SRK-00AS-51	(optical fiber) Goose Neck Pipe	G1
SRK-00AS-71	Join Bracket Kits	G1
SRK-00AS-73	Join Bracket Kits (2pcs/set) for Gen. 2	G2
SRK-00AS-81	APC OU Rack PDU Right Angle Adapter Kits	G1,G2
SRK-00AS-91	Toolless mounting pegs kits	G1,G2

## Shelves

Part Number	Description	Use for
SRK-01SF-01	1U Fixed Vented Shelf	G1,G2
SRK-01SF-11	1U Fixed Solid Shelf	G1,G2
SRK-01SF-21	1U Quick- Release Solid Shelf	G1,G2
SRK-01SF-31	1U Adjustable Quick- Release Solid Shelf	G1,G2

## Panels

Part Number	Description	Use for
SRK-01PN-01	1U Mesh Blanking Panel	G1,G2
SRK-01PN-11	1U Solid Blanking Panel	G1,G2
SRK-02PN-11	2U Solid Blanking Panel	G1,G2
SRK-03PN-11	3U Solid Blanking Panel	G1,G2
SRK-03PN-71	3U Top Panel Over 2 Openings	G1,G2
SRK-04PN-11	4U Solid Blanking Panel	G1
SRK-04PN-81	4U Bottom Panel Kits	G1
SRK-05PN-11	5U Solid Blanking Panel	G1,G2
SRK-07PN-11	7U Solid Blanking Panel	G1,G2
SRK-08PN-11	8U Solid Blanking Panel	G1,G2
SRK-16PN-11	16U Solid Blanking Panel	G1,G2
SRK-20PN-62	42U 2-Sectional Removable Solid Side Panel	G1

## Doors

Part Number	Description	Use for
SRK-42DR-03	42U Split Meshed Door	G1
SRK-42DR-05	42U Meshed Door	G1
SRK-42DR-09	42U G2 Meshed Door	G2
SRK-42DR-10	42U G2 Split Meshed Door	G2

## Expansion Units

Part Number	Description	Use for
SRK-42EU-01	42U Expansion Unit - 100 mm	G1
SRK-42EU-03	42U Expansion Unit - 200 mm	G1
SRK-42EU-04	42U Expansion Unit - 225 mm	G1

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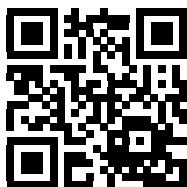
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# SUPERMICRO®

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