

Industry standard rack 19-inch PRIMECENTER SME (42 and 24 height units)

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In addition to the well-known high-end PRIMECENTER rack family which can be delivered ex-works pre-configured, Fujitsu Siemens Computers also offers on-site configuration PRIMECENTER SME racks (42 and 24 height units) which have been reduced in price. These racks are particularly cost-effective in acquisition, easy to use and suitable for mounting the rack product range from Fujitsu Siemens Computers such as PRIMERGY, Sparc Enterprise, BS2000 servers or Storage systems as well as third-party servers. They fulfil the special requirements of the cost-conscious SME market for racks which are easy to configure on-site and attractively priced.

PRIMECENTER SME Rack:

The PRIMECENTER SME rack family (42 or 24 height units) is very suitable for mounting rack configurations on-site with servers, operating devices, switches or storage systems, which meet the 19" standard EIA-310-D. All Fujitsu Siemens Computers rack servers and subsystems, as well as 3rd party rack servers and subsystems which meet this standard can be installed under the same conditions and restrictions (for example maximum server weight).

All the installation components released for PRIMECENTER racks can also be used in SME racks.

The asymmetrical design is the optimal solution for ideal cable routing and air flows.

Telescopic rails for servers with hot-replace components ensure easy server serviceability. The PRIMECENTER SME Rack must be fixed to the floor so that it can not topple over. Options, such as a combination lock, can be ordered from the supplier on request.



Key features	Benefits
<ul style="list-style-type: none"> ■ Low price SME standard racks 	<ul style="list-style-type: none"> ■ Optimized for mounting Fujitsu Siemens Computers server/storage products or servers and components from other vendors
<ul style="list-style-type: none"> ■ No configuration ex works –self-management 	<ul style="list-style-type: none"> ■ Customers can integrate servers in the rack themselves.
<ul style="list-style-type: none"> ■ Perfect cable management 	<ul style="list-style-type: none"> ■ Optimized cable routing for short cables with variable cable inlet from outside
<ul style="list-style-type: none"> ■ Access protection 	<ul style="list-style-type: none"> ■ Lockable doors prevent non-authorized access
<ul style="list-style-type: none"> ■ IP20 protection class 	<ul style="list-style-type: none"> ■ Protection against finger or object contact; protection against foreign bodies; average diameter 12 mm

PRIMECENTER SME Rack	
Dimensions (1 U = 44.45 mm, H x W x D)	42 U rack 1,950mm x 700mm x 1,000mm Transport dimensions: ~2,000mm x 775mm x 1,380mm
Dimensions (1 U = 44.45 mm, H x W x D)	24 U rack 1.220 mm x 700 mm x 1.000 mm Transport dimensions: ~1.270 mm x 775 mm x 1.380 mm
Variants	Rack with side panels
Electrical connection	
Power can be supplied directly or via UPS. In this case, all the components can be connected directly to the UPS. The UPS must be connected to the primary power supply in accordance with the data sheet for the UPS in question. If the components are connected without an UPS, a multiple socket outlet, which must be ordered separately, can be configured in the rack. Please consult the configurator for information on configuration. The primary power supply is provided via a 16 A CEE one- or three-phase connector or as a non-detachable connection.	
Ambient conditions (EN60721)	
	Climate Mechanics
Transport	Class 2K2 Class 2M2
Operation	Class 3K3* Class 3M2
* Possibly restricted by rack components	
Maximum load	
600kg on leveling feet	
Weight	
42 U rack (empty)	~70 kg
24 U rack (empty)	~35 kg
19" clearance: 450.5 mm +1 mm/-0 mm	

Internal depth:	
Front/rear 19" level: 740 mm	
Minimum distance between the front 19" level and door: 60 mm	
19" prop mounting distance: 9.5 mm²	
Security functions	
Lockable front and rear door, fixation to the ground	
Protection class	
(to DIN 40050 or IEC 529) IP20	
Compliance with standards	
Product safety	
Global	
Europe	EN 60950
USA / Canada	UL 60950 / CSA 60950
There is general compliance with the safety requirements of all European countries and North America. National approvals required in order to satisfy statutory regulations or for other reasons can be applied for on request.	
Electro magnetic compatibility	
Europe	EN55022 classA, EN55024, EN61000-3-2, EN61000-3-3
USA / Canada	CFR47, part 15, subpart B, class A / ICES class A
This product and the released accessories, are in compliance with emission class A. In certain cases measures have to be taken to reduce the electro magnetic influence to other equipment.	
Declaration of conformity	
Europe (CE)	CE
North America	FCC class A

"according to int. Stand" = complying to 19" Rack standard

Comparison PRIMECENTER Rack and PRIMECENTER SME Rack

Feature / Differences	PRIMECENTER Rack	PRIMECENTER SME Rack (42 U/24 U)
eRRP (list price) in % of 38U PRIMECENTER Racks		approximately - 50%
Racks delivered fully equipped	Yes	No
Dimensions for rack footprint W x D x H, 700mm x 1000mm x < 2000mm	Yes	Yes
Design Rack and doors	Yes	No
Colour	Siemens Anthracite	Siemens Anthracite
Tip-over protection included in Rack design	Yes	No, optional by supplier, Warnings
Waranty	36 month on site service	spare part delivery
load capacity	1000 KG	600 KG
Vertical mounting frame for components < 250mm	Yes	No
Ready for NEBS Level 3 with certificate	only 38U earthquake proofed	No
Access protection through doors with locks	Yes	Yes
Horizontal ventilation, air through out 80cm² per U Clear ⁴ ventilation of the server from front to rear	Yes	Yes
Advanced cable management	Yes	Yes
Doors left and right hand side mountable	No	Yes
Toolless detachable	Yes	Yes
mounting of servers according international standards 3rd party Server (CompaqHP, IBM, DELL...) will fit with original mounting kits plus Add-Ons from Fujitsu Siemens Computers	Yes	Yes
Line up of Racks possible	Yes	Yes
Thermal capacity	10kW, best case 15kW	3kW, best case 5kW