

ATTOM

Data Center Rack System



> > Foundation of Digital Future



Customized Efficiency

Why Work with Attom

We are data center solution experts



Quality

Products designed with heart featuring reliable quality and balanced cost to improve your business margin and performance.



Speed

A professional team always standby with service spirit and quick response to support your business agility.



Flexibility

Fully customizable as per your requirements to build your own product solution and boost your own business.

Certifications



Efficiency Prefabricated.



Data Center Rack System

Perforated Rack Solutions 600/800mm Width



Key Features:

- The structure withstands static loads 1500kg.
- Adopts high class cold rolled steel sheet and zinc-plated steel sheet to ensure mechanical strength and corrosion resistance.
- High ventilation rates for good heat dissipation.
- Optional electronic lock including RFID/PIN/Fingerprint secure cabinet access. Easy to be integrated into DCIM system for remote management.
- Built-in 19-inch frame is compatible with most of rack-mount devices on the market.
- Multiple size options, easy to combine with various types cabinets on the market.
- Variety hardware accessories provide smooth cable management and convenient equipment installation and operation.
- Air ventilation components ensure better hot and cold airflows.
- Support flat packing to save shipment cost and warehouse space.

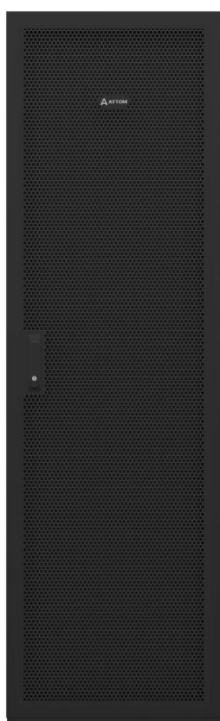
Efficiency Prefabricated



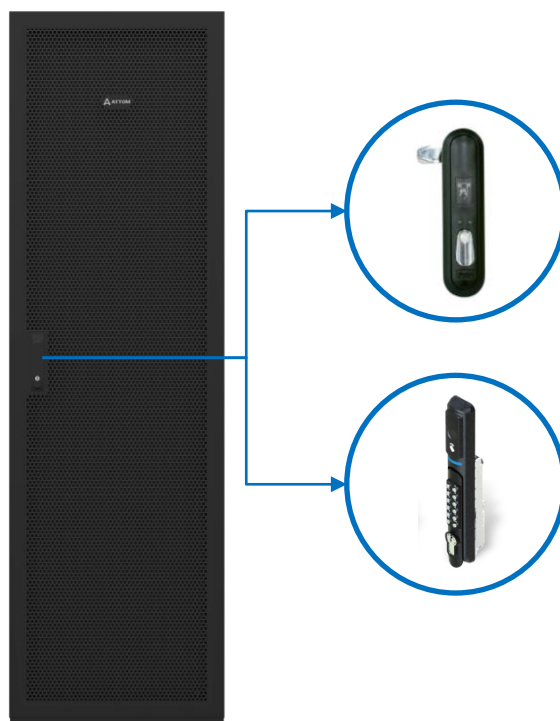
Data Center Rack System

Perforated Rack Solutions Door Access Control System

Mechanical locks come standard with the front and rear doors. With optional multifunctional electronic locks available (PIN/RFID/Fingerprint/Key), It can be seamlessly replaced with mechanical locks without the need to replace doors.



Mechanical Lock



Electronic access control lock

Model	Width-mm	Height-mm	Depth-mm	Open Door Method	Communication
ACS-DLE1	42	170	60	Key, RFID, Remote	Wiegand
ACS-DLE2	20	235	37	Key, RFID, PIN, Remote	Wiegand, RS485
ACS-DLE3	20	235	37	Key, RFID, PIN, Fingerprint, Remote	RS485

Data Center Rack System

Perforated Rack Solutions 600/800mm Width

Technical Data

Model	R-61042P	R-81042P	R-61142P	R-81142P	R-61242P	R-81242P
Width - mm	600	800	600	800	600	800
Depth - mm	1000	1000	1100	1100	1200	1200
Height - mm	2000	2000	2000	2000	2000	2000
Rack Space	42U	42U	42U	42U	42U	42U
Weight - kg	151	173	165	187	179	201
Ventilation Rate	75%	75%	75%	75%	75%	75%
Door Structure	Front single door and rear double doors with 135° opening angle.					
Static Load	1800kg					
Access Control Type	Standard with mechanical locks, support optional electronic door locks including RFID, PIN, fingerprint.					
Color	RAL9005					
Material	High class cold rolled steel plate and zinc-plated steel plate.					
Protection Level	IP20					
Foot Wheel & Pad	Standard with heavy duty foot wheel and supporting feet. Supports smooth transportation in height restricted scenario.					
Standard	ANSI/EIA, RS-310-D IEC60297-2 DIN41494 PART1 PART7.					

Remark:

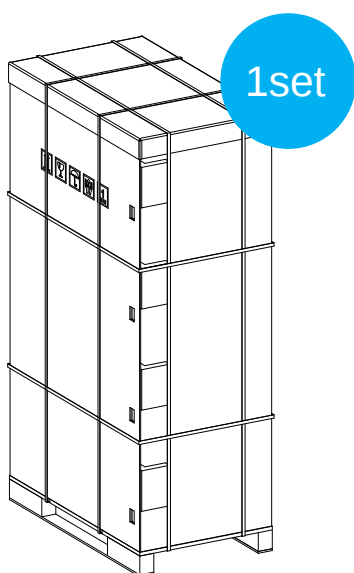
1. Door structure can be customized with solid type.
2. Foot wheel and supporting feet can be cancelled according to actual project requirements.

Data Center Rack System

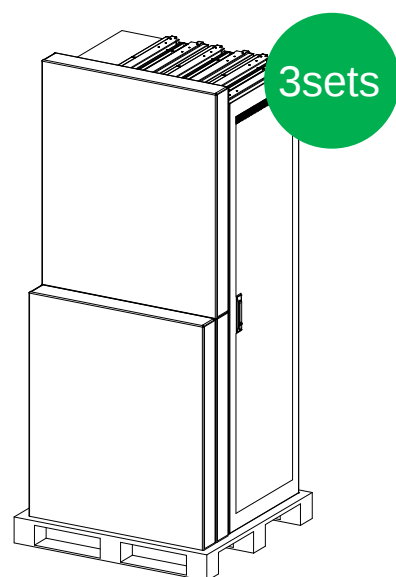
Perforated Rack Solutions

Packing Details

Our perforated rack support flat packing for saving container space.



Standard Packing Solution



Flat-Pack Solution

Technical Data

Standard Packing Solution					Flat-Pack Solution			
Model	Dimension W*D*H- mm	Weight - kg	QTY / 20Ft	QTY / 40Ft	Dimension W*D*H- mm	Weight - kg	QTY / 20Ft	QTY / 40Ft
R-61042P2	710*1100*2180	171	16	32	900*950*2160	475	36	78
R-81042P2	910*1100*2180	193	12	24	950*1100*2160	544	36	72
R-61142P2	710*1200*2180	188	13	28	900*950*2160	517	36	78
R-81142P2	910*1200*2180	210	9	19	950*1100*2160	586	36	72
R-61242P2	710*1300*2180	204	12	27	900*950*2360	559	36	78
R-81242P2	910*1300*2180	226	8	18	950*1100*2360	628	36	72

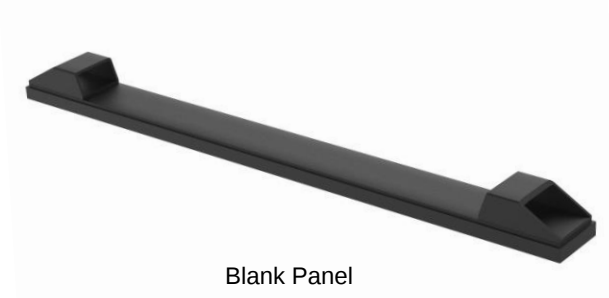
Efficiency Prefabricated



Data Center Rack System | Accessories

Blank Panel

For sealing unoccupied spaces in the cabinet, enhances better hot/cold airflows and the appearance of the cabinet. Snap-fit design for easy manual installation and removal, no tools required.



Blank Panel



Blank Panel with Brush

Item	Model	Width-mm	Depth-mm	Height-mm	Weight-kg	Color
Blank Panel	R-OP1N	483	35	1U	0.15	RAL9005
Blank Panel with Brush	R-OP1B	483	15	1U	0.4	RAL9005

Side Door

Side doors are used to seal the side of the cabinet to prevent dust from entering and unexpected contact. Rows of combined cabinets can be flexibly selected according to customer requirements.



Model	Width-mm	Height-mm	Weight-kg	Cabinet D*H-mm	Color
R-1042P-CBO	898	830	7.4	1000*2000	RAL9005
R-1142P-CBO	998	830	8.0	1100*2000	RAL9005
R-1242P-CBO	1098	830	8.6	1200*2000	RAL9005

Data Center Rack System | Accessories

Cable Management

Horizontal cable management is usually installed in the back of the cabinet. occupies 1 U space. Vertical cable management is installed next to the column at the rear of the cabinet.



Finger Type
Horizontal Cable Management



Plate Type / Finger Type
Vertical Cable Management



Cable Ring
Vertical Cable Management

Item	Model	Width - mm	Depth - mm	Height - mm	Weight - kg	Color
Finger Type- Horizontal	R-OCHNB1	483	70	1U	0.8	RAL9005
Plate Type- Vertical	R-OCVNP42	80	15	42U	1.5	RAL9005
Finger Type- Vertical	R-OCVNF42	100	73	42U	3.0	RAL9005
Cable Ring- Vertical	R-OCVCR01	75	75	22	0.06	Nickel Plated

Fixed Tray

Fixed type tray is used to facilitate equipment installation. It can bear a weight of max. 160kg. And does not occupy U space after installation.



Light Duty Layer Tray



Heavy Duty Layer Tray



L-Shelf

Item	Model	Width - mm	Depth - mm	Height - mm	Weight - kg	Color	Static Load - kg
Light Weight Layer	R-OSU71	470	610	58.5	3.8	RAL9005	80
Heavy Weight Layer	R-OSF71	470	610	58.5	7.0	RAL9005	160
L Shelf	R-OSL	40	680	40	0.8	RAL9005	50

We believe the world is
being totally connected.
The connections are
creating digital intelligence
and a better future.

We design and deliver
data center
infrastructure products
to build foundation of
digital future.



USA

1450 NE Alex Way APT 299
Hillsboro, OR 97124, USA
+1 301 6789 288



CHINA

F101, 06 Yangchong Road,
Shenzhen, 518018, China
+86 755 2320 7298

Contact us
ATTOM TECHNOLOGY



Visit us on web
<https://atom.tech>



Email us
support@attom.tech

