

ORV3 Customized Rack (6 OU / 25 OU)

RC8300 / RC8200

With over 30 years of expertise in rack design and manufacturing, ATEN offers precision-engineered solutions that meet global certifications such as UL (North America) and CE (Europe), and holds numerous patents (e.g., M377678, M385174, M513193). All ATEN racks are proudly manufactured in Taiwan and fully comply with the EIA / ECA-310-E standard. From core structure to intelligent accessories, ATEN racks are designed to meet the stringent demands of data centers and IDCs for energy efficiency and operational security.

To address the growing demands of high-performance server technologies such as AI, virtualization, and network storage, ATEN introduced 44 OU and 48 OU ORV3 racks, developed in compliance with the Open Rack V3 Base Spec of the Open Compute Project (OCP), tailored for modern cloud data center environments.

As ORV3-compliant servers, power modules, network, and storage devices continue to gain traction, ATEN offers customized ORV3 racks designed to support tailored deployment needs. The customized racks support 21" equipment, 48V bus bars, and Power Shelf modules and are available in 6 OU and 25 OU heights, ideal for lab development or production line testing environments.

Features

- Custom-designed based on the ORV3 Open Rack V3 Base Spec
- Supports installation of 48V bus bars and Power Shelf modules for stable power delivery to ORV3 equipment (servers, networking, storage devices)
- *Optional Power Shelf Support Bracket (Model: RA8200) available
- Features 48 mm OU height—more spacious than traditional 44.45 mm—for improved equipment installation flexibility
- 21" internal width, supports optional 19" EIA Adapter Brackets for compatibility with legacy EIA equipment
- Adjustable leveling feet at the base of the rack for on-site height and stability customization
- Top and bottom cable entry cutouts for easy cable routing and installation flexibility
- Ideal for lab and production line environments for testing ORV3-compliant servers, power modules, networking, and storage devices

Optional Accessories

- Removable side panel kit
- 1 OU Fixed Blank Panel
- ORV3 Equipment Support Bracket
- Power Shelf Support Bracket
- 19" EIA Rail Adapter Kit (2 RU, 23 RU*)
- *Not applicable to 6OU ORV3 customized racks

Supported Components

- 48V Bus Bar
- Power Shelf Module

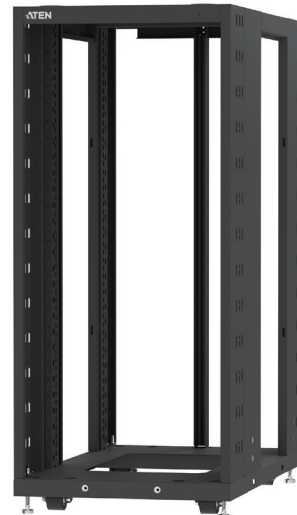
Standard Inclusions

- ORV3 Customized Rack x1
- Caster set x4
- Leveling feet x4

6 OU 1068 D x600 W (mm)



25 OU 1068 D x600 W (mm)



Specifications

	RC8300	RC8200
Physical Properties		
Rack Height (U Spaces)	6 OU	25 OU
Internal Height	318 mm	1230 mm
Overall Height, Casters Included	464 mm	1376 mm
Overall Height, Casters excluded	414 mm	1326 mm
Overall Depth	1068 mm	
Overall Width	600 mm	
Color	Black	
Enclosure Frame	SPCC / SPHC	
Weight Loading (Dynamic)	400 kg	1000 kg
Weight Loading (Static)	250 kg	800 kg

ATEN International Co., Ltd.

3 F., No. 125, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan
 Phone: 886-2-8692-6789 Fax: 886-2-8692-6767
 www.aten.com E-mail: marketing@aten.com

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