

Standard Racks (15U / 20U / 25U / 30U / 35U / 42U)

RC1000 / RC1001 / RC1100 / RC1101 / RC1200 / RC1201 / RC1300 / RC1301 / RC1400 / RC1401 / RC1500 / RC1501

With more than 30 years of experience in R&D and manufacturing cabinet products, ATEN can tailor exclusive products for its customers based on their needs. Our cabinet products, all of which are extremely popular, have been certified by UL and by CE. All ATEN's rack products are EIA/ECA-310-E compliant. Our high-quality cabinets have multiple patents numbered: M377678, M385174, and M513193.

ATEN Racks are designed for energy saving and carbon reduction, all of which feature heavy-duty construction, intelligent design, safety, and robustness. ATEN rack solutions are ideal for any kinds of data center builds and their cable management.

Heavy-duty Construction

- The frame of all our rack products consists of three parts: extruded 6063 T5 aluminum columns, beams and beam-to-column connections that are made of aluminum-alloy (ADC12) with t-shaped brackets. For added robustness, beams and columns are connected to beam-to-column connection by M8 screws
- Static loading capacity up to 1800kg and dynamic loading capacity up to 1000kg
- Certified MIL-STD-167/MIL-STD-810G vibration test (Military Standard)
- Certified GR63-CORE Zone 4 seismic test (Equivalent to earthquake of magnitude eight)
- All ATEN's rack products are EIA/ECA-310-E compliant
- Adjustable mounting rails are made from cold-rolled steel (SPCC). The materials are triple bent so as to enhance its loading capacity

Airflow Management

- The components of the structure are designed for ergonomics with high-precision quality and for optimizing airflow management to conserve energy and reduce carbon emissions
- Perforated doors for massive front-to-rear airflow provide a ventilation rate above 66%. (The distance cross the corners of the hexagonal mesh is 2mm, and the length of its side is 5mm.)
- Quick-release side panels offer simple and effortless installation
- Multi-module fan unit (2-fan unit / 4-fan unit/ 6-fan unit) can effectively manage the hot air from operating equipment. These are UL compliant and can help increase electrical safety

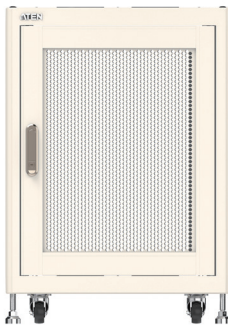
Intelligent Design

- Multi-stage quick-release top and bottom covers allow cables to easily pass through the rack
- U positions are numbered on adjustable mounting rails to help IT experts recognize the position to quickly install equipment
- M16 leveling feet secure the racks in place by adjusting the leveling feet even if the racks are set up in a server room with non-raised floors
- Lifting eye-bolts (M16 thread) at the top of the rack, which can be used to hang and move the rack when an elevator is not available
- The high-strength horizontal support rails can disperse the weight of IT equipment, making the racks robust and safe.
- Anti-seismic connection design (such as side baying connectors or top baying connectors) offers safe connections in between racks and in between racks and the building

Certifications

- UL Certified and CE Certified
- Compatible with the latest specification of EIA/ECA-310-E
- Certified MIL-STD-167/MIL-STD-810G vibration test (Military Standard)
- Certified GR63-CORE Zone 4 seismic test (Equivalent to earthquake of magnitude eight)
- Qualified for a static load test of 1800kg

Standard Rack
15U 750D×600W (mm)



Standard Rack
42U 900D x 600W (mm)

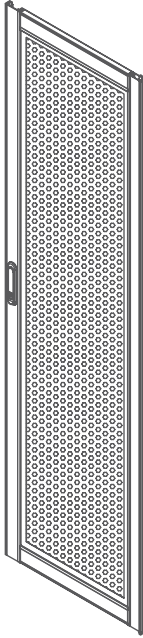


Note: Removable upper side panel with lock and the lower side panel are both only available on the 30U, 35U, and 42U models.

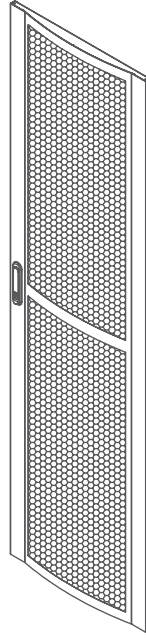
Includes

- Standard rack enclosure frame
- Perforated front and rear doors with aluminum frame (with door lock and keys)
- Removable upper and lower side panels
- Roof and floor panels
- Casters
- Leveling feet
- M5 Mounting Screws
- Cage nuts

Rack Door Type



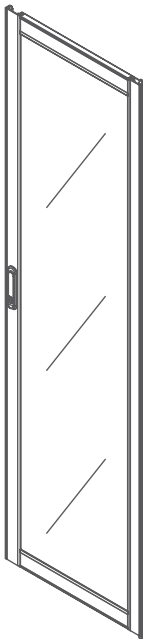
Perforated front and rear doors with aluminum frame (Standard)



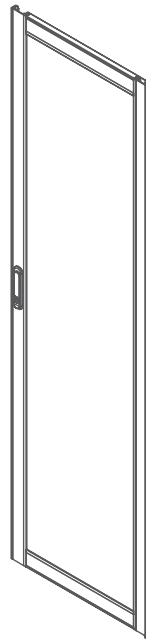
Perforated arc-fold door with hexagonal pattern (Optional)



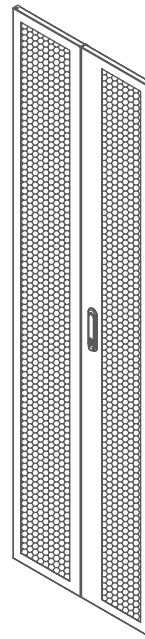
Acrylic door with aluminum frame (Optional)



Glass door with aluminum frame (Optional)



Solid door with aluminum frame (Optional)



Split door with hexagonal pattern (Optional)

Specifications

	RC1000	RC1001	RC1100	RC1101	RC1200	RC1201
Physical Properties						
Rack Height (U Spaces)	15U	15U	20U	20U	25U	25U
Internal Height	669 mm	669 mm	891 mm	891 mm	1114 mm	1114 mm
Overall Height, Casters Included	845 mm	845 mm	1067 mm	1067 mm	1290 mm	1290 mm
Overall Height, Casters excluded	765 mm	765 mm	987 mm	987 mm	1210 mm	1210 mm
Overall Depth	600 mm	750 mm	750 mm	900 mm	750 mm	900 mm
Overall Width	600 mm					
Color	Black / White					
Enclosure Frame	AL 6063T5					
19" EIA Rails	SPCC / SPHC					
Roof and Floor Panels	SPCC / SPHC					
Door Type	Perforated Front Door with Alu. Frame Perforated Rear Door with Alu. Frame					
Side Panel Type	Lockable Side Panels					
Weight Loading (Static)	1800 kg					
Weight Loading (Dynamic)	1000 kg					

	RC1300	RC1301	RC1400	RC1401	RC1500	RC1501
Physical Properties						
Rack Height (U Spaces)	30U	30U	35U	35U	42U	42U
Internal Height	1336 mm	1336 mm	1558 mm	1558 mm	1869 mm	1869 mm
Overall Height, Casters Included	1512 mm	1512 mm	1734 mm	1734 mm	2045 mm	2045 mm
Overall Height, Casters excluded	1432 mm	1432 mm	1654 mm	1654 mm	1965 mm	1965 mm
Overall Depth	750 mm	900 mm	750 mm	900 mm	750 mm	900 mm
Overall Width	600 mm					
Color	Black / White					
Enclosure Frame	AL 6063T5					
19" EIA Rails	SPCC / SPHC					
Roof and Floor Panels	SPCC / SPHC					
Door Type	Perforated Front Door with Alu. Frame Perforated Rear Door with Alu. Frame					
Side Panel Type	Lockable Side Panels - Split					
Weight Loading (Static)	1800 kg					
Weight Loading (Dynamic)	1000 kg					

