

## FESXIII-SR-42

42U Server Rack with Perforated Front Door and Split Rear Door



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.

## Features

### • Heavy-duty Construction

- The frame structure is made of steel plate cold-rolled (SPCC) material and has a strong structure. The static load is up to 1800 kg
- It is manufactured in accordance with the latest EIA/ECA-310-E specification
- Adjustable mounting rails are made from cold-rolled steel (SPCC). The materials are triple bent so as to enhance its loading capacity
- The movable column is marked with a U number for easy installation

### • 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
- For the cabinet, the front door is featured of a dual-opening hexagonal mesh door, and the back door is featured of a dual-opening hexagonal mesh door with a ventilation rate of more than 66%. The diagonal aperture is 10 mm, the pitch-row is 2 mm, and the hexagonal edge diameter is 5 mm, which are beneficial to the heat dissipation and circulation inside the cabinet
- The side panel of the cabinet is featured of quick-release design and is equipped with a round lock

### • Intelligent Design

- With the design of multi-section upper and lower covers, the U-shaped routing organization troughs may be installed flexibly to facilitate cable entry and exit
- M12 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
- 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

### • Includes

- FESXIII-4210060-19 server rack enclosure frame × 1 pc
- Perforated front door with aluminum frame (with door lock and keys) × 1 pc
- Split rear door with aluminum frame (with door lock and keys) × 1 pc
- Removable upper and lower side panels × 2 sets
- Roof and floor panels × 1 set
- Caster × 4 pcs
- Leveling feet × 4 pcs
- M5 Mounting Screw × 50 pcs
- Cage nut × 80 pcs

**Specification**

|                                  |                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------|
| Function                         | FESXIII-4210060-19                                                               |
| Part Number                      | YFAP-420060-001                                                                  |
| Physical Properties              |                                                                                  |
| Rack Height (U Spaces)           | 42U                                                                              |
| Internal Height                  | 1876 mm                                                                          |
| Overall Height, Casters Included | 1994 mm                                                                          |
| Overall Height, Casters excluded | 1964 mm                                                                          |
| Overall Depth                    | 1000 mm                                                                          |
| Overall Width                    | 600 mm                                                                           |
| Color                            | Black                                                                            |
| Enclosure Frame                  | SPCC                                                                             |
| 19" EIA Rails                    | SPCC                                                                             |
| Roof and Floor Panels            | SPCC                                                                             |
| Door Type                        | Perforated Door with Hexagonal Pattern<br>Split Rear Door with Hexagonal Pattern |
| Side Panel Type                  | Lockable Side Panels - Split                                                     |
| Weight Loading (Static)          | 1800 kg                                                                          |
| Weight Loading (Dynamic)         | 1080 kg                                                                          |

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