ODF-4U-144F

4U 19" Fixed 144-Port Integrated Chassis (Front & Rear Doors)

1. Product overview

This is a standard 4U rack-mount fixed chassis with a cold-rolled steel body, intended for telecom rooms, industrial control, low-voltage integration and data access applications. The chassis accepts 144 port positions on removable adapter panels, opens from both the front and the rear, and offers a rigid structure with effective heat dissipation.

2. External dimensions (mm)

Height	175 mm (4U)	Width	485 mm (19 inch)
Depth	400 mm	Port positions	144
Mounting	19-inch rack mounting (430 mm mounting width), fixed chassis		

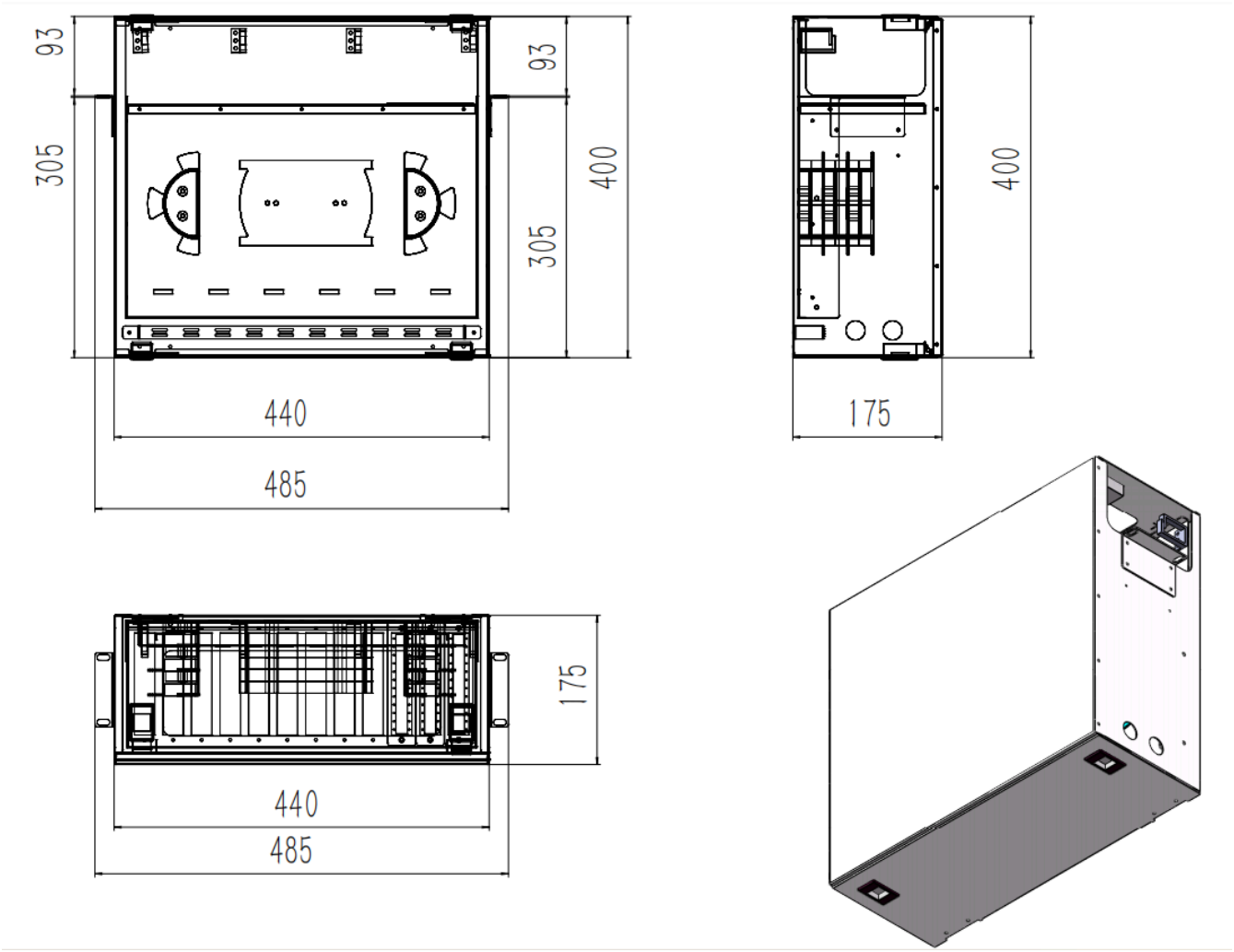
3. Construction & materials

Body material	Quality cold-rolled steel sheet (1.2 mm thickness)
Load-bearing bracket	Quality cold-rolled steel (2.0 mm thickness)
Surface finish	Electrostatic powder coating
Chassis type	Fixed structure; front and rear doors; removable modular adapter panels
Splice trays	6 trays, reached through the rear door
Cooling	Natural convection
Protection	Basic dust-proof and touch-proof

4. Features

- Standard 4U height, fits general-purpose racks
- Front and rear doors with removable modular adapter panels — easy installation and maintenance
- 144 standard port positions; accepts SC / LC / FC / ST adapters and pigtails
- Generous cable-management space for orderly routing
- All-metal structure — high strength and good interference resistance

5. Outline drawing



Body 485 × 400 × 175 mm, 430 mm mounting width; front and rear door arrangement.

6. Applications

Telecom room rack integration · industrial control port aggregation · low-voltage box / cabinet port management · data access units and security surveillance integration.

7. Notes

All dimensions in mm. Colour, marking and port types can be customized on request. This specification is prepared from the product drawing.

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