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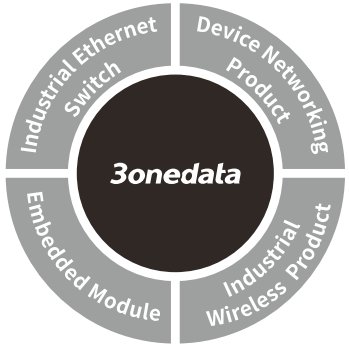
RACK4000
Protocol Converter/Bridge/Serial Port to Fiber MODEM 4U Rack
Quick Installation Manual



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【Package Checklist】

Please check whether the package and accessories are intact while using the rack for the first time.

1. 4U rack x 1
2. AC power supply cord
3. Certification
4. Quick installation manual
5. Warranty card

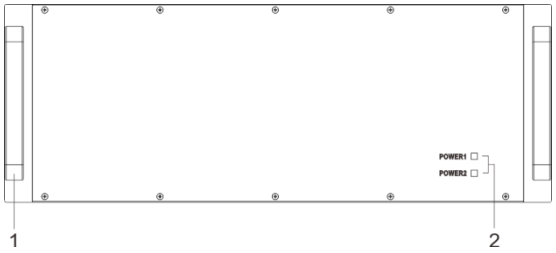
If any of these items are damaged or lost, please contact our company or franchisers, we will solve it ASAP.

【Product Overview】

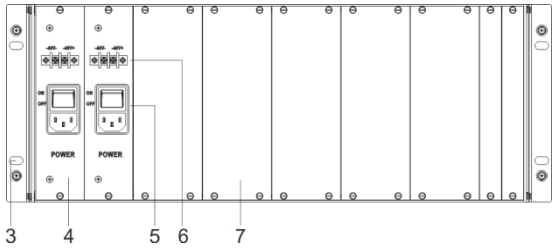
The product is a 16 slots card protocol converter/bridge/serial port to fiber MODEM 4U rack. The model is RACK4000 (16 slots card).

【Panel Design】

➢ **Main view**



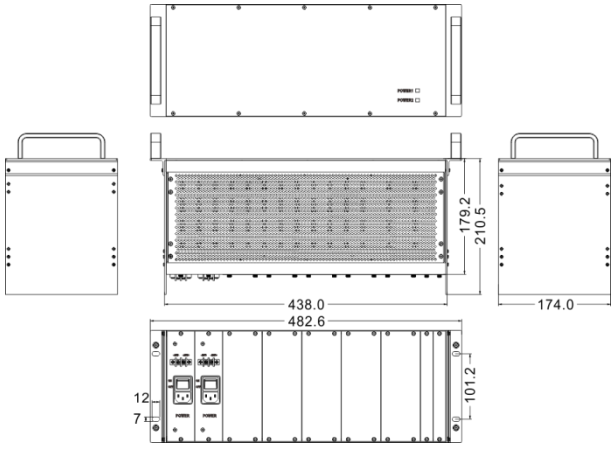
➢ **Rear view**



1. Handle
2. Power supply indicator
3. Location hole of rack mounting
4. Power supply module
5. AC power supply input socket
6. DC power supply input terminal block
7. Baffle plate (placing card device)

【Mounting Dimension】

Unit: mm



Notes before mounting:

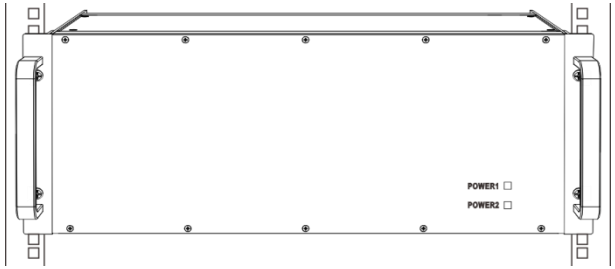
- Don't place or install the device in area moist or near water, keep relative humidity of the device surroundings between 5%~95% without condensation.
- Before power on, first confirm the supported power supply specification to avoid over-voltage damaging the device.
- The device surface temperature is high after operation; please don't directly contact to avoid scalding.

【Rack Mounting】

➢ **Mounting the Device**

Step 1 Select the device mounting position to ensure enough dimension.

Step 2 Place the device on the surface plate of rack, and adopt 4 screws to install mounting lugs in the left and right side to the rack.



Step 3 Check and confirm the product is firmly installed on the rack, and then mounting ends.

➢ **Disassembling the Device**

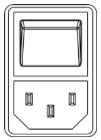
Step 1 Power off the device.

Step 2 Unscrew the fixing screw of mounting lug in the rack.

Step 3 Remove the device from rack, disassembling ends.

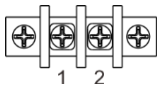
【Power Supply Connection】

➢ **AC power supply input**



The rack supports 2 power supply modules optional, single and dual power supply optional. As for dual power supply device, if one power supply fails, it will immediately switch to another power supply, ensuring uninterrupted power supply of the device. Power supply input range: 100~250VAC.

- **DC power supply input**



The rack supports 2 power supply modules optional, single and dual power supply optional. DC power supply adopts 2 terminal blocks, power supply input: -48VDC. The pin definition as follows:

Pin NO.	1	2
Pin definition	-48VDC+	-48VDC-

Note:

- Power ON operation: First insert the power supply terminal block into the device power supply interface, and then plug the power supply plug contact and power on.
- Power OFF operation: first unpin the power plug, and then remove the terminal block wiring part, please note the operation order above.

【Indicator】

The device provides LED indicators to monitor the device operating status, comprehensively simplifying the troubleshooting, each indicator's detailed status as the table below:

LED	Status	Description
POWER (1-2)	ON	Power supply is operating normally
	OFF	Power supply is disconnected or abnormal

【Specifications】

Panel	
Card slot	16 daughter card slots, 2 power supply module slots
Indicator	Power supply indicator
Power supply	
Input power supply	100~250VAC or -48VDC optional
Output power supply	5.7VDC
Consumption	
Full-load consumption	≤ 50W
Environment Limits	
Operating temperature	0~55℃
Storage temperature	-20~75℃
Operating humidity	5%~95% (no condensation)