



RACK2100

2U Rack Mounting

18-Slot Card Industrial Multi-service Rack

- Support 18 slots, allows for centralized management of various media converter daughter cards
- Support optional management cards for SNMP, Telnet, WEB configuration management
- Support dual power supply, input voltage: 85~264VAC
- Support -30 ~ 60°C wide operating temperature range



Introduction

RACK2100 is 18-slot card industrial multi-service racks. It could be inserted in up to 18 movable daughter cards and power them uniformly, thus reducing cables which is convenient for management and maintenance. This product could be used matching with various media converter daughter cards like 100M copper port, 100M fiber port, gigabit copper port, gigabit fiber port and gigabit SFP slot, and adopts 2U rack mounting, which can meet the requirements of different scenes.

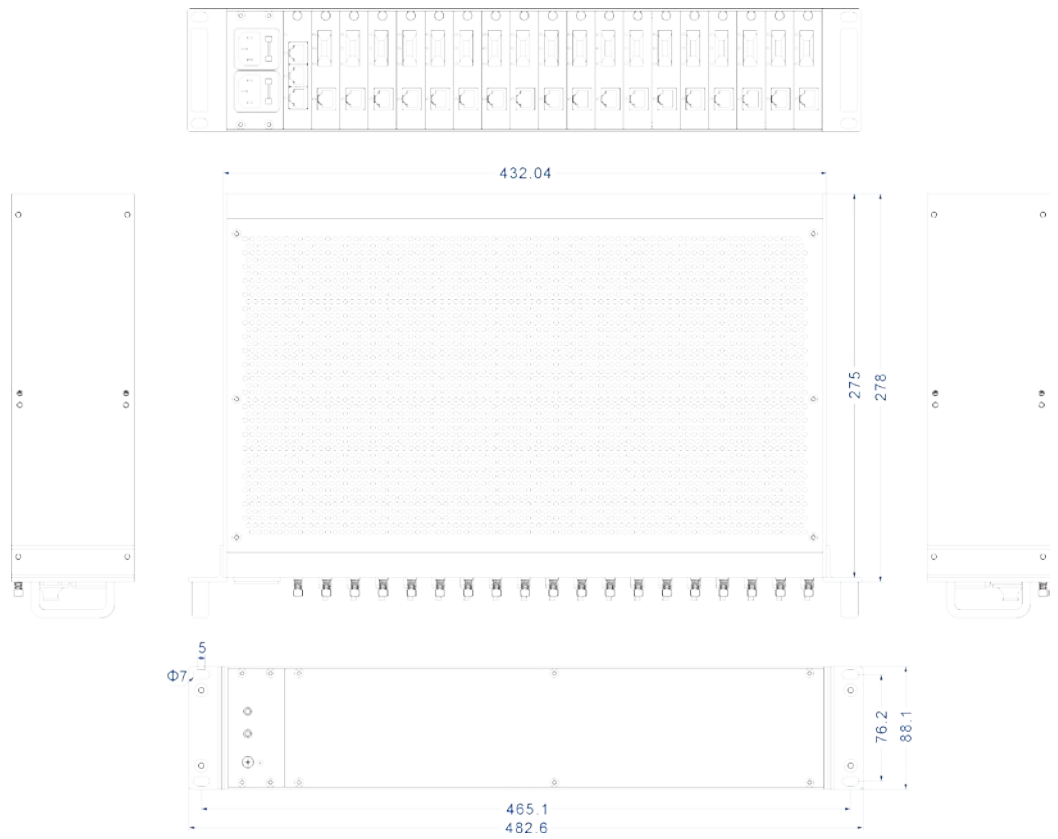
It could implement network management function by plugging in managed daughter card and corresponding management card, such as remote card and local card configuration, bandwidth management, rate and duplex mode configuration, LFP alarm enablement, transmission mode configuration etc. It also supports port alarm, power supply alarm, e-mail alarm, alarm information statistics and user management, etc. Access methods like CLI, WEB, Telnet, SNMP are also supported. The friendly interface design and easy and convenient operation of network management system could offer you great user experience.

The input power supply is two independent power supply circuits which can ensure the normal operation of the device when one power supply fails. The rackmount chassis provides two power supply plans, the front type and the back type, which can fully meet the demands of power supply on scene. Hardware adopts fanless, low power consumption, wide temperature and voltage design and has passed rigorous industrial standard tests, which can suit for the industrial scene environment with harsh requirements for EMC. It can be widely used in smart grid, rail transit, smart city, safe city, new energy, aerospace, intelligent manufacturing, military project and other industrial fields.

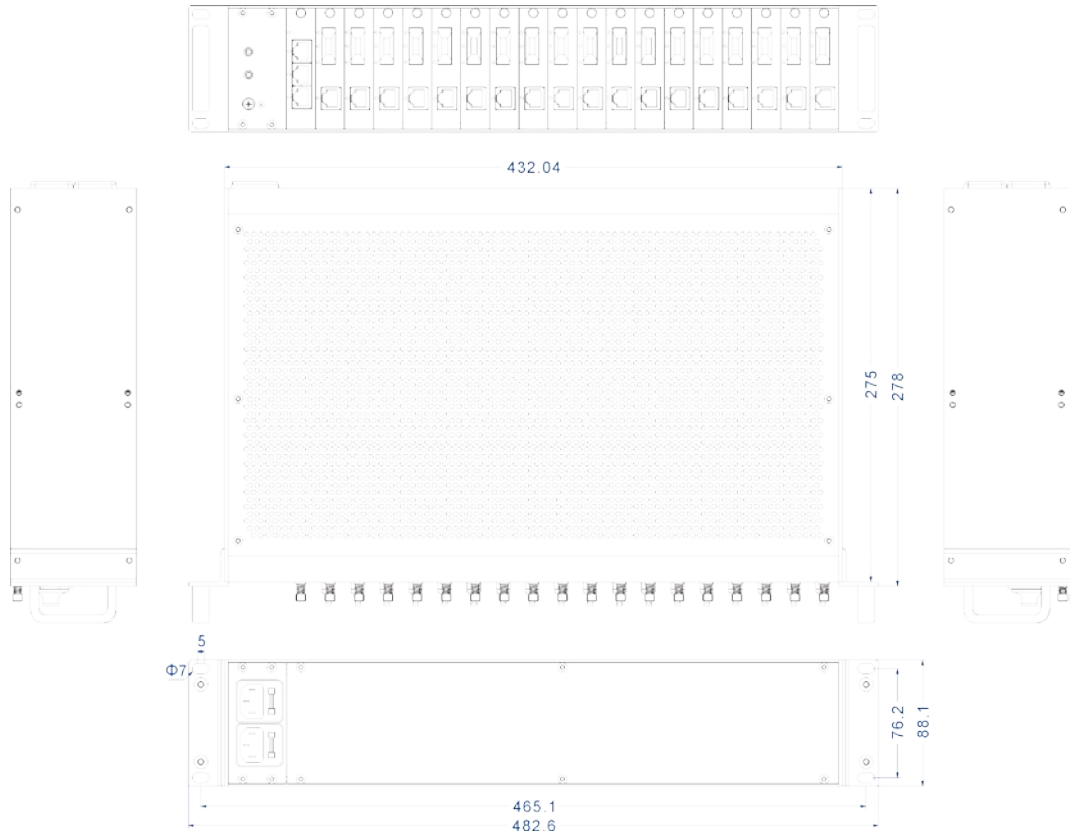
Dimension

Unit:mm

- The front power supply plan



● The back power supply plan



Specification

Standard & Protocol	<p>IEEE 802.3 for 10Base-T IEEE 802.3u for 100Base-TX and 100Base-FX IEEE 802.3ab for 1000Base-T IEEE 802.3z for 1000Base-X IEEE 802.3x for Flow Control</p>
Management (Management Card)	<p>SNMP V1/V2c Centralized Management of Equipment, Bandwidth Management, E-Mail Alarm, Port Alarm, Power Supply Alarm, DHCP Client, SNTP, File Management</p>
Interface	<p>Copper port: 10/100Base-T(X) or 10/100/1000Base-T(X), RJ45, Automatic Flow Control, Full/Half Duplex Mode, MDI/MDI-X Autotuning Fiber port: 100Base-FX or 1000Base-FX, SC/ST/FC optional SFP slot: 1000Base-SFP Console port: CLI command line management port(RS-232), RJ45</p>
LED Indicator	<p>Running Indicator, Port Indicator, Power Supply Indicator, LFP Indicator</p>
Switch Property	<p>Transmission mode: store and forward or cut-through</p> <p>100M daughter card</p> <ul style="list-style-type: none"> • MAC address: 1K • Packet buffer size: 0.28Mbit • Backplane bandwidth: 0.6G <p>Gigabit daughter card</p> <ul style="list-style-type: none"> • MAC address: 8K • Packet buffer size: 1Mbit • Backplane bandwidth: 6G <p>Switch time delay: <10μs</p>
Power Requirement	<p>Input voltage: 85~264VAC Output voltage: 12VDC Dual power supply redundancy, fused AC outlet</p>
Power Consumption	<p>No-load: 26.24W@220VAC Full-load: 34.46W@220VAC</p>
Environmental Limit	<p>Operating temperature: -30~60°C</p>

Storage temperature: -30~60°C

Relative humidity: 5% ~ 95%(no condensation)

Physical Characteristic	Housing: IP20 protection, metal Installation: 2U rack mounting Dimension (W x H x D): 432.04mm×88.1mm×278mm Weight: 5.07kg
Certification	CE, FCC, RoHS
Warranty	5 years



Ordering Information

Type	Model	Description	Power Supply
Rack	RACK2100	Could be plugged in 18 daughter cards and 1 management card	85~264VAC Dual power supply
Unmanaged daughter card	ECU101	1 100M fiber port, 1 100M copper port	12VDC
	ECU101M	1 100M fiber port, 1 100M copper port	
Managed daughter card	ECU100M-1GT1GF	1 gigabit fiber port, 1 gigabit copper port	
	ECU100M-2GT1GF	1 gigabit fiber port, 2 gigabit copper ports	
	ECU100M-1GT2GS	2 gigabit SFP slots, 1 gigabit copper port	
Management card	NMU	1 CONSOLE, 2 100M copper ports	



Address: 3/B, Zone 1, Baiwangxin High Technology Industrial Park, Song Bai Road, Nanshan District, Shenzhen, 518108, China

TEL.: +86-755-26702668 ext 835 FAX: +86-755-26703485

E-mail: ics@3onedata.com

Website: www.3onedata.com

◀ Please scan our QR code for more details

*Product pictures and technical data in this datasheet are only for reference. Updates are subject to change without prior notice. The final interpretation right is reserved by 3onedata.