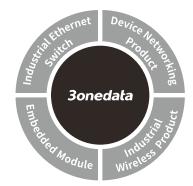


RACK2000B Media Converter Rack and Rack Card Quick Installation Guide



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[Package Checklist]

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

Media converter rack
 Power line
 Quick installation guide
 Certification

Warranty card

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

[Product Overview]

This product is a 16-slot unmanaged card media converter 2U rack, which could be used with media converter rack card. The model is:

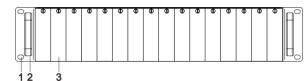
Model I RACK2000B (16-slot card rack)

Model II Model1100-C1 (100M media converter rack card)

Model IIIModel3012-C 1 (Gigabit media converter rack card)

[Rack Panel Design]

Front view

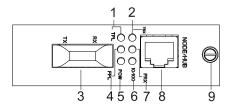


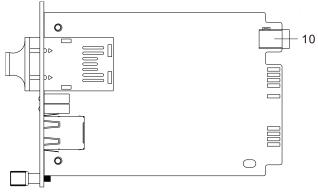
> Top view

- Mounting lugs
- 2. handle
- 3. Baffle (for placing card device)

[Rack Card Panel Design]

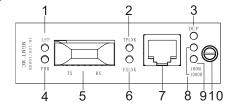
> 100M Media Converter Rack Card

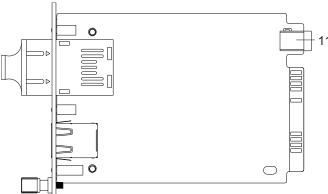




- 1. Copper port connection status indicator (TPL)
- 2. Copper port duplex mode indicator (TRX)
- 3. 100M fiber port
- 4. Fiber port connection status indicator (FPL)
- 5. Power supply connection status indicator (POW)
- 6. Copper port rate indicator (10/100)
- 7. Fiber port duplex mode indicator (FRX)
- 8. 100M copper port
- 9. Screw
- 10. Power

Gigabit Media Converter Rack Card





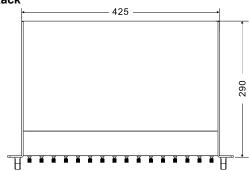
1. LFP (Reserved)

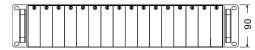
- 2. Copper port connection status indicator (TPLNK)
- 3. Copper port duplex mode indicator (DUP)
- 4. Power supply connection status indicator (PWR)
- 5. Gigabit fiber port
- 6. Fiber port connection status indicator (FXLNK)
- 7. Gigabit copper port
- 8. Copper port 100M speed indicator (100M)
- 9. Copper port Gigabit speed indicator (1000M)
- 10. Screw
- 11. Power

[Mounting Dimension]

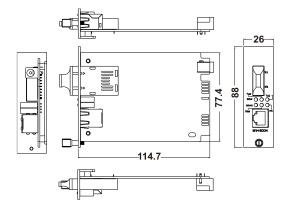
Unit: mm

> Rack

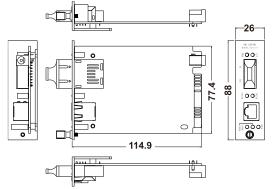




100M Media Converter Rack Card



Gigabit Media Converter Rack Card



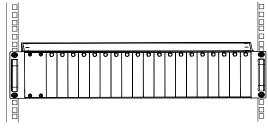


Notice Before Mounting:

- Don't place or install the device in area near water or moist, keep the relative humidity of the device surrounding 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 running; please don't directly contact to avoid scalding.

[Rack-mounted]

- Step 1 Select the device mounting location to ensure enough size.
- Step 2 Put the device on the plane plate of the rack, and install the left and right lugs on the rack with 4 screws.



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

[Disassembling Device]

- Step 1 Device power off.
- Step 2 Unscrew the fixed mounting lug screw on the rack.
- Step 3 Shift out the device from rack, disassembling ends.

[Power Supply Connection]

> Rack AC power supply

The rack has built-in professional communication power supply, which supports dual power supply redundancy. When one of the power supplies fails, it could switch to another one immediately to ensure the device power supply is not interrupted. Power supply range: $85\sim265$ VAC.



Note

This product also supports 48VDC power supply input. The DC products have the same performance parameters except for different power inputs.

> Rack card DC power supply

The rack card obtains power supply via rack, the power supply is 5 VDC

[Indicator]

100M Media Converter Rack Card

Category	LED	Indicate	Description
		ON	The connection of fiber
			port link is great
	FPL	Blinking	It exists data
	FFL		transmission
Fiber port	r port	OFF	The fiber port link is
			down
		ON	Full duplex mode
	FRX	Blinking	It exists conflicts
		OFF	Half duplex mode
	Copper TRX Port	ON	Full duplex mode
Copper T		Blinking	It exists conflicts
Port		OFF	Half duplex mode
	10/100	ON	100Mbps

Category	LED	Indicate	Description
		OFF	10Mbps or not working
	TPL	ON	Ethernet port is
			well-connected
		Blinking	It exists data
			transmission
		OFF	Ethernet port link is
			down
		ON	Power supply is
Power	POW		running normally
supply		OFF	Power supply is not
		UFF	running or has fault

➢ Gigabit Media Converter Rack Card

Category	LED	Indicate	Description
	FXLNK	ON	The connection of fiber
			port link is great
		Blinking	It exists data
Fiber port			transmission
		OFF	The fiber port has no
			data transmission or
			the link is down
	100M	ON	100Mbps
		OFF	10Mbps or not working
		ON	1000Mbps
	1000M OFF	OFF	100Mbps or not
		OFF	working
Copper Port		ON	The copper port link is
			well-connected
	TPI NK	Blinking	It is transmitting data
	IFLINK		The copper port has no
	OFF	OFF	data transmission or
		the link is down	
	DUP	Blinking	Full duplex mode

Category	LED	Indicate	Description
		OFF	Half duplex mode
	LED	ON	Reserved
Alarm	LFP	OFF	Reserved
		ON	Power supply is
Power	PWR	ON	running normally
supply		OFF	Power supply is not
			running or has fault

[Specification]

Panel		
Copper Port	10/100Base-T(X) or 10/100/1000	
	Base-T(X), RJ45 interface,	
	full/half duplex self-adaption	
Fiber port	100Base-FX or 1000Base-FX	
	fiber port is full-duplex SC/ST/FC	
	interface	
Indicator	Power supply indicator, rate	
	indicator, duplex indicator, fiber	
	port indicator, copper port	
	indicator	
Power Supply		
Rack input power	AC: dual power supply	
supply	85~265VAC, 50~60Hz;	
	DC: dual power supply	
	48VDC	
Rack output power	5VDC, 16A	
supply (rack card		
input power supply)		
Power Consumption		
Rack	Full-load: <95W	
100M rack card	No-load: 1.30W	
	Full-load: 1.95W	
Gigabit rack card	No-load: 1.55W	
	Full-load: 2.35W	
Working		
Environment		

Rack	Operating temperature: -20~70°C
	Storage temperature: -40~70°C
Rack card	Operating temperature: -10~60°C
	Storage temperature: -20~70°C
Working humidity	5%∼90% (no condensation)