korenix
A Beijer Electronics Group Company

JetBox 5630Gf-w series Industrial VPN router computer
Quick Installation Guide v1.0

Overview

	JetBox 5630Gf-w	JetBox 5633Gf-w
10/100/1000 Base-TX LAN	3	3
10/100/1000 Base-TX WAN	1 Combo	1 Combo
100/1000 SFP fiber WAN	1 Combo	1 Combo
RS232/422/485	1 (DB9)	1 (DB9)
USB 2.0 (Host)	1	3
SD card slot	1	1

Package List

▶ JetBox device
▶ Console cable(3pin/DB9)
▶ Attached 2-pin power terminal block
▶ Quick Installation Guide
▶ Documentation and software CD-ROM
▶ Accessories for fixing dongles (JetBox 5633Gf-w only)
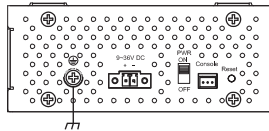
Installation

Mounting the Unit

▶ Din-Rail mount: Mount the din-rail clip screwed on the rear of JetBox on the DIN rail.
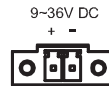
Grounding JetBox

There is one grounding screw on the bottom side. Connect the frame grounding of JetBox to the grounding surface to ensure safety and prevent noise to interfere communication.

Wiring the Power Inputs

JetBox 5630Gf-w series accepts 9~36V DC power input.
1. Insert the positive and negative wires into the V+ and V- contact on the terminal block connector.
2. Tighten the wire-clamp screws to prevent the DC wires from being loosened.
Notes: The recommended working voltage is DC24V (DC9~36V).

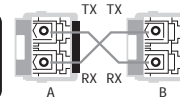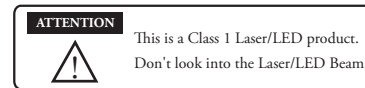9~36V DC
+ −

IO Connectors

▶ **Ethernet (RJ-45)**

1   8

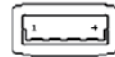| Pin	Signal Name
1	MDX0+
2	MDX0-
3	MDX1+
4	MDX2+
5	MDX2-
6	MDX1-
7	MDX3+
8	MDX3-

▶ **SFP**

JetBox 5630 series provide one RJ-45/SFP combo WAN port. Please don't connect Ethernet RJ-45 and SFP transceiver at the same time or use wrong SFP spec which does not match with SFP speed setting, or exception conditions would happen. (Default speed: Gigabit)

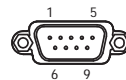**Note: To change SFP speed you need to reboot the system to make it effective.**

ATTENTION
This is a Class 1 Laser/LED product.
Don't look into the Laser/LED Beam.

TX TX
RX RX
A   B

▶ **USB 2.0 (HOST)**
USB type "A" female connectors for USB peripherals.

Pin	Signal Name
1	VCC
2	DATA-
3	DATA+
4	GND

▶ **RS232/422/485 (DB9)**
JetBox 5630Gf-w series provide one serial port (DB9). (Default: RS232, RS485 support 4-wire only)

1   5
6   9

Pin	RS-232	RS-422	RS-485 (4-wire)
1	DCD	RXD-	RXD-
2	RxD	RXD+	RXD+
3	TxD	TXD+	TXD+
4	DTR	TXD-	TXD-
5	GND	GND	GND
6	DSR		
7	RTS		
8	CTS		
9	RI		

▶ **Console**

1   3

Pin	Signal Name
1	TXD
2	RXD
3	GND

▶ **Reset Button**
This button is used to make the system reboot or reset to the factory default.
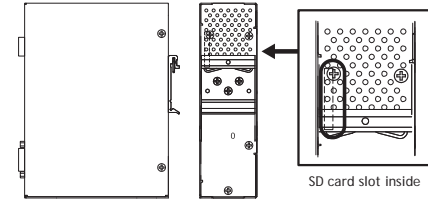Press 3 seconds for system reboot.
Press 7 seconds to reset the JetBox to the factory default.

▶ **SD Card Slot**
This socket is used for a SD Card and users can put their own applications in it.
To access the SD card, you can follow these steps:
1. Unscrew five screws of back cover (Please refer to the picture below).
2. Then remove the back cover and you can insert or take out the SD card.

SD card slot inside

System Login

There are many methods to access the JetBox 5630Gf-w series: by console port, by TELNET, or via WebGUI. Detail information please refers to Linux and Web user manual.

▶ Web GUI   ▶ Console
Login: admin   Login: root
Password: admin   Password: (none)

Support

5 Years Warranty

Each of Korenix's product line is designed, produced, and tested with high industrial standard. Korenix warrants that the Product(s) shall be free from defects in materials and workmanship for a period of five (5) years from the date of delivery provided that the Product was properly installed and used.

This warranty is voided if defects, malfunctions or failures of the warranted Product are caused by damage resulting from force measure (such as floods, fire, etc.), other external forces such as power disturbances, over spec power input, or incorrect cabling; or the warranted Product is misused, abused, or operated, altered and repaired in an unauthorized or improper way.

Attention! To avoid system damage caused by sparks, please DO NOT plug in power connector when power is on.

The product is in compliance with Directive 2002/95/EC and 2011/65/EU of the European Parliament and of the Council of 27 January 2003 on the restriction of the use of certain hazardous substances in electrical and electronics equipment(RoHS Directives & RoHS 2.0)

Korenix Customer Service

KoreCARE is Korenix Technology's global service center, where our professional staffs are ready to solve your problems at any time Korenix global service center's e-mail is KoreCARE@korenix.com.

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