



A Beijing Electronics Group Company

JetBox 8150/8152 Industrial Communication Computer
Quick Installation Guide v1.1

Overview

General Information

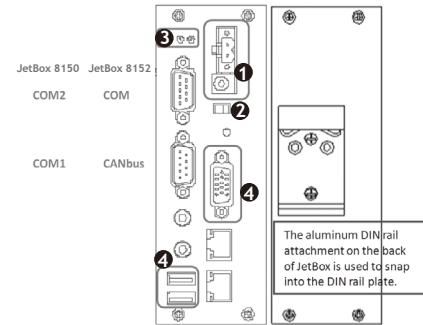
JetBox 8150/ 8152	
Dimension (mm)	50(w)x145(H)x102(D)
Net weight	0.7kg
Operating temp.	-15-70°C
Power supply	12-24V DC
Power consumption	Max. 24W 1.26A maximum (0.82A typical) with DC 19V input

Note: Incorrect power input will cause damage to the JetBox and attached devices and the damage will not be covered in the warranty.

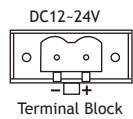
Package List

- ▶ JetBox device
- ▶ Attached 2-pin power terminal block
- ▶ Frame kits to fix one SATA 2.5" HD on board
- ▶ Quick installation guide
- ▶ Documentation and software CD-ROM

Mechanical Outline



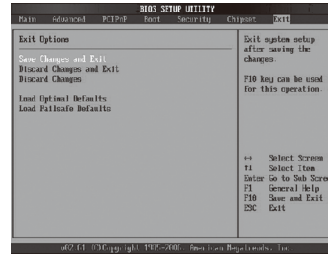
- 1 Connect the power line from the power supply
- 2 Switch to "on" to power on the JetBox
- 3 Indicators: Power on (green on), HD accessing (red on)
- 4 Control the JetBox via VGA monitor & USB keyboard/mouse.



DC input 12-24V (2-pin terminal block or power jack)
Power consumption: Max. 24W, 1.26A maximum (0.82A typical) with DC 19V input.

BIOS Setting

BIOS are a program located on a Flash memory chip on a circuit board. It is used to initialize and set up the I/O peripherals and interface cards of the system, which includes time, date, hard disk drive, the ISA bus and connected devices such as the video display, diskette drive, and the keyboard. This program will not be lost when you turn off the system.



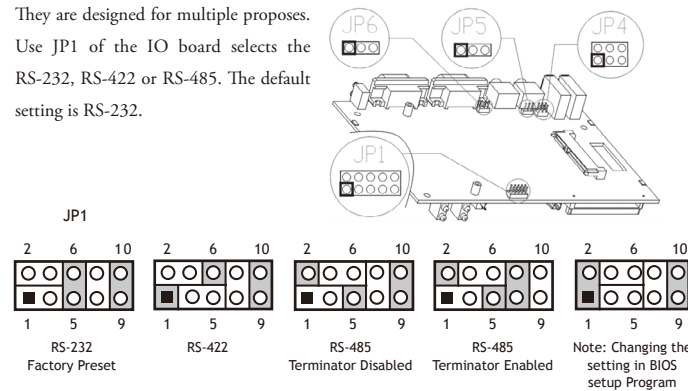
PIN Assignment—COM port & CANbus (DB9 connector)

DB9	RS-232	RS-422	RS-485	DB-9 CANBUS	CANBUS Signal	CANBUS Description
1	DCD			1	N.C	
2	RxD	RxD-(A)	Data-(A)	6	N.C	
3	TxD	RxD+(B)	Data+(B)	2	CAN-L	Dominant Low
4	DTR			7	CAN-H	Dominant High
5	GND			3	CAN-Ground	Isolated Ground
6	DSR			8	N.C	
7	RTS	TxD-(A)		4	N.C	
8	CTS	TxD+(B)		9	N.C	
9	RI			5	Ground	Digital Ground
				Case	Case Ground	

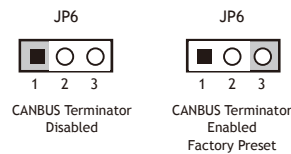
The CANBUS DB9-pin out conforms to the ISO 11898/2 standard specification.

JetBox 8150 COM2 and JetBox 8152 COM Jump Selection

They are designed for multiple proposes. Use JP1 of the IO board selects the RS-232, RS-422 or RS-485. The default setting is RS-232.



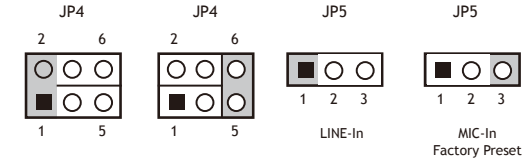
CANbus Terminal Resistor Selection (for JetBox 8152)



The JP6 is the CANbus termination jumper. Only two termination jumpers should be closed at the endpoints of the CANbus. Value Terminator Resistor (120 Ω)

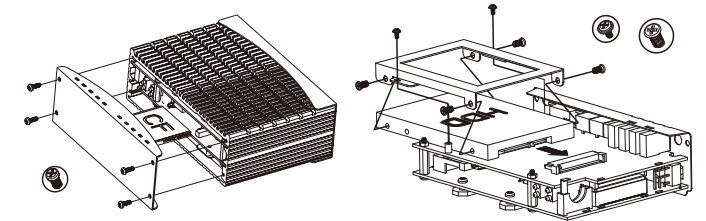
Mic-in connector--Mic in or Line in

JP4 & JP5 is to select Line-In or Mic-In of Mic-In connector. The default setting is Mic-in



Installation

CF Card & SATA Hard Disk Installation



Support

3 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 three (3) 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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