

Packing List

JetBox 8150/ 8152	
JetBox device	1
Attached 2-pin power terminal block	1
Frame kits to fix one SATA 2.5" HD on board	1
Quick installation guide	1
Documentation and software CD-ROM	1

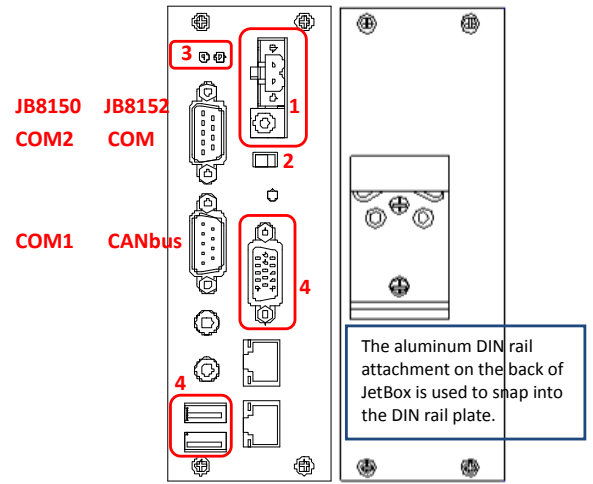
General Information

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

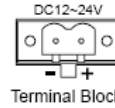
**Note:** Incorrect power input will cause damage of the JetBox and attached devices. This will not be covered by the manufacturer's warranty.

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.



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.

PIN Assignment—COM port & CANbus (DB9 connector)



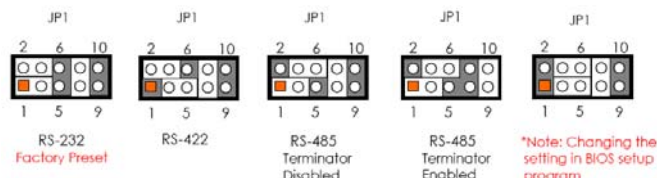
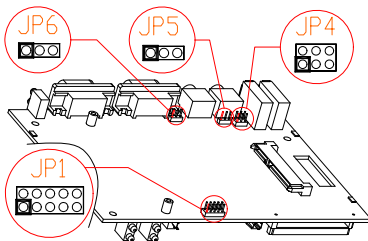
DB-9 COM	RS-232	RS-422	RS-485
1	DCD		
2	RxD	RxD-(A)	Data-(A)
3	TxD	RxD+(B)	Data+(B)
4	DTR		
5	GND		
6	DSR		
7	RTS	TxD-(A)	
8	CTS	TxD+(B)	
9	RI		

DB-9 CANBUS	CANBUS Signal	CANBUS Description
1	N.C	-
6	N.C	-
2	CAN-L	Dominant Low
7	CAN-H	Dominant High
3	CAN-Ground	Isolated Ground
8	N.C	-
4	N.C	-
9	N.C	-
5	Ground	Digital Ground
Case	Case Ground	

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

JetBox8150 COM2 and JetBox8152 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 JetBox8152)



CANBUS Terminator Disabled  
Factory Preset



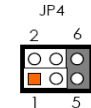
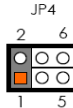
CANBUS Terminator Enabled

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

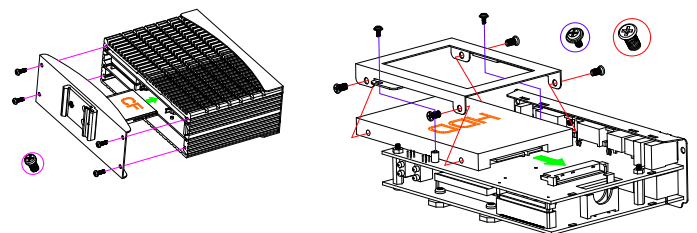
Mic-in.



LINE-In

MIC-In  
Factory Preset

CF Card & SATA Hard Disk Installation



(0.0.3)

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