

korenix

JetCard Series
Quick Installation Guide v1.2

1. Package List

- ▶ JetCard Serial Card
- ▶ Quick Installation Guide
- ▶ Documentation and Software CD-ROM
- ▶ Screw Pack (JetCard 2105/JetCard 1608)

2. Overview

JetCard 2105/2105-w: 5 Ports 10/100MbpsFast Ethernet Switch

PCI-104 Card

JetCard 2205/2205-w: 5 Ports 10/100Mbps Fast Ethernet Switch

Universal PCI Card

JetCard 1608/1608-w: 8 Ports RS-232/422/485 PCI-104 Card

JetCard 1204/1204-w: 4-port RS-232 Universal PCI Card

JetCard 1208/1208-w: 8-port RS-232 Universal PCI Card

JetCard 1402: 2-port RS-422/485 Universal PCI Card

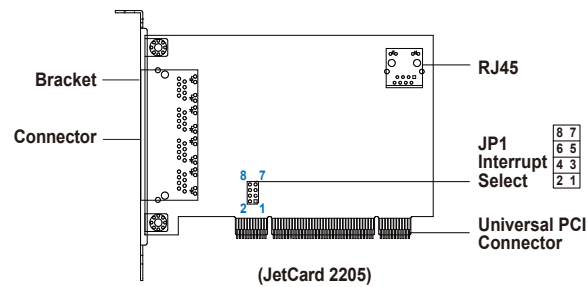
JetCard 1402i: 2-Port RS-422/485 Isolated Universal PCI Card

JetCard 1404: 4-port RS-422/485 Universal PCI Card

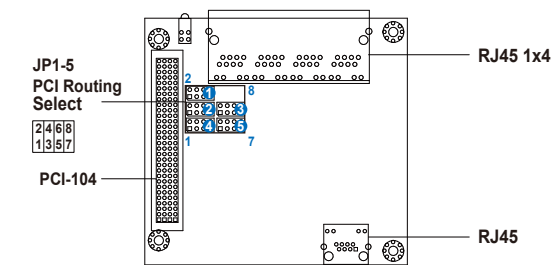
JetCard 1404i: 4-Port RS-422/485 Isolated Universal PCI Card

3. Product Panel Layout

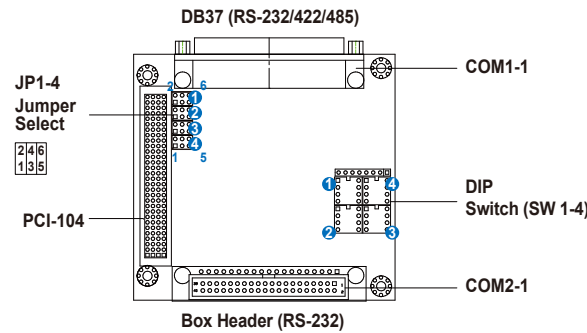
JetCard 2205/2205-w/1204/1204-w/1208/1208-w



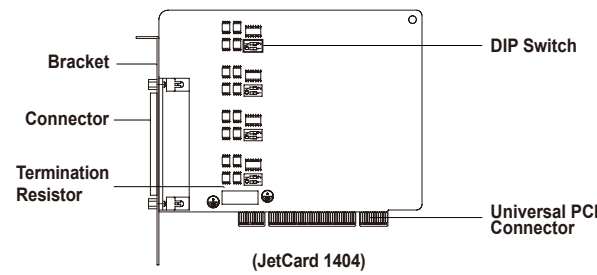
JetCard 2105/2105-w



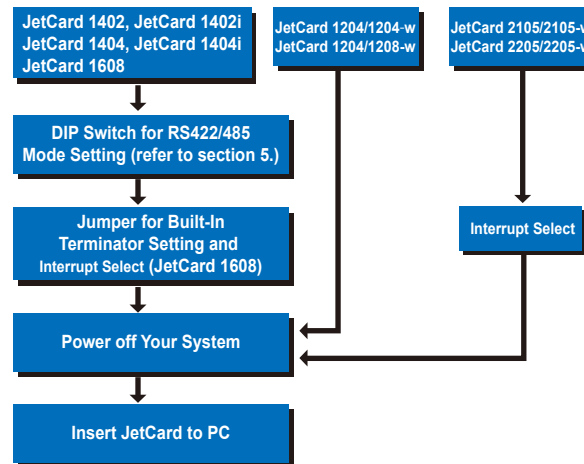
JetCard 1608/1608-w



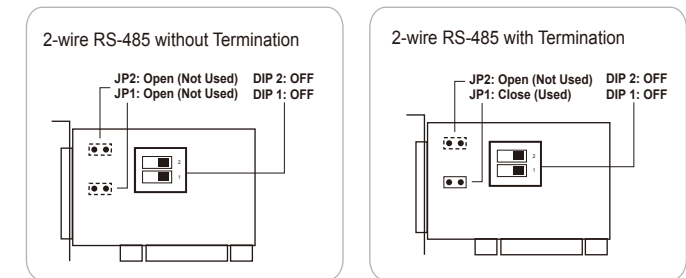
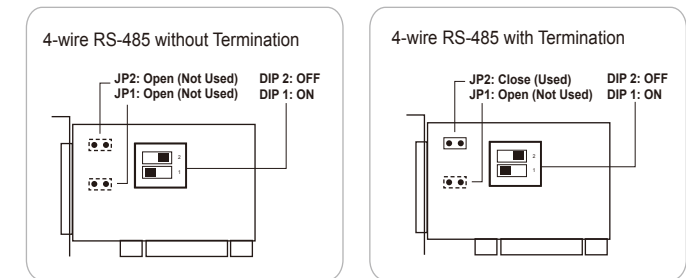
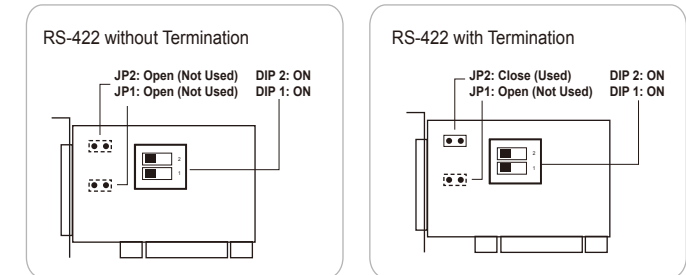
JetCard 1402/1402i/1404/1404i



4. Hardware Installation



5. DIP Switch and Jumper Settings JetCard 1402/1402i/1404/1404i



Jumper Settings JetCard 2105/2205

JetCard 2205 Jumper 1 Interrupt Select for ID Select Setting. Use Jumper1 (JP1) short 1-2, 3-4, 5-6 or 7-8 to ID select. The default interrupt select is 1-2.

Jumper	Short	Indication
JP1	1-2	INT A

Default

JetCard 2105 Jumper 1-5 Interrupt Select for ID Select Setting. Use Jumper 1-5 (JP1-5) short 1-2, 3-4, 5-6 or 7-8 to ID select. The default interrupt select is 1-2.

Jumper	Short	Indication
JP1	1-2	GNT 0
JP2	1-2	REQ 0
JP3	1-2	PCICLK 0
JP4	1-2	IDSEL 0
JP5	1-2	INT A

Default

JetCard 2105/2205 LED Indicators

LED	Color	Indication
Link/Act	Green	Blinking: 10/100 Mbps Ethernet connection
Full Duplex	Yellow	ON
Half Duplex	Yellow	OFF
Collision	Yellow	Blinking: Collision activity (blinking rate is 84ms active)

JetCard 1608 Jumper 1-4 for PCI Clock, ID Select and Interrupt Select Setting.

Jumper	Short	Indication
JP1	1-3	INT A
JP2	1-3	INT A
JP3	1-3	PCICLK 0
JP4	1-3	IDSEL 0

Default

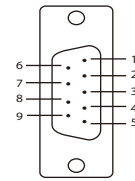
Jumper	Short	Indication
JP1	4-6	INT D
JP2	4-6	INT D
JP3	4-6	PCICLK 3
JP4	4-6	IDSEL 3

Jumper	Short	Indication
JP1	4-6	INT C
JP2	2-4	INT C
JP3	2-4	PCICLK 2
JP4	2-4	IDSEL 2

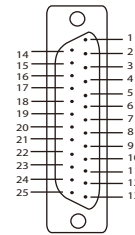
Jumper	Short	Indication
JP1	3-5	INT B
JP2	3-5	INT B
JP3	3-5	PCICLK 1
JP4	3-5	IDSEL 1

7. Pin Assignments

JetCard 1208, JetCard 1204, JetCard 1404, JetCard 1404i Pin Assignments

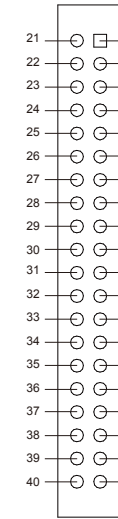


DB-9 Pin	RS-232	RS-422	RS-485 (4-wire)	RS-485 (2-wire)
1	DCD	TxD-(A)	TxD-(A)	Data-(A)
2	RxD	TxD+(B)	TxD+(B)	Data+(B)
3	TxD	RxD+(B)	RxD+(B)	
4	DTR	RxD-(A)	RxD-(A)	
5	GND	GND	GND	GND
6	DSR	RTS-(A)		
7	RTS	RTS+(B)		
8	CTS	CTS+(B)		
9		CTS-(A)		



DB-25 Pin	RS-232	RS-422	RS-485 (4-wire)	RS-485 (2-wire)
2	TxD	RxD+(B)	RxD+(B)	
3	RxD	TxD+(B)	TxD+(B)	Data+(B)
4	RTS	RTS+(B)		
5	CTS	CTS+(B)		
6	DSR	RTS-(A)		
7	GND	GND	GND	GND
8	DCD	TxD-(A)	TxD-(A)	Data-(A)
20	DTR	RxD-(A)	RxD-(A)	
22		CTS-(A)		

JetCard 1608 Box header Pin Assignments



COM2-1 (COM5-COM8)				COM2-2 (COM5-COM8)			
1		21	DTR7	1		21	DTR7
2	DCD7	22	DSR7	2	DCD7	22	DSR7
3	GND	23	RTS7	3	GND	23	RTS7
4	CTS7	24	TXD7	4	CTS7	24	TXD7
5	RXD7	25	DCD8	5	RXD7	25	DCD8
6	RI8	26	GND	6	RI8	26	GND
7	DTR8	27	CTS8	7	DTR8	27	CTS8
8	DSR8	28	RXD8	8	DSR8	28	RXD8
9	RTS8	29	RI6	9	RTS8	29	RI6
10	TXD8	30	DTR6	10	TXD8	30	DTR6
11	DCD6	31	DSR6	11	DCD6	31	DSR6
12	GND	32	RTS6	12	GND	32	RTS6
13	CTS6	33	TXD6	13	CTS6	33	TXD6
14	RXD6	34	DCD5	14	RXD6	34	DCD5
15	RI5	35	GND	15	RI5	35	GND
16	DTR5	36	CTS5	16	DTR5	36	CTS5
17	DSR5	37	RXD5	17	DSR5	37	RXD5
18	RTS5	38		18	RTS5	38	
19	TXD5	39		19	TXD5	39	
20	RI7	40		20	RI7	40	

JetCard 1608 Select the Serial Interface (RS-232/422/485) for Com1

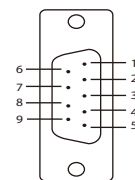
RS-232 (Default)					RS-422			
Port1 (SW1)	OFF	ON	OFF	OFF	ON	ON	ON	ON
Port2 (SW2)	OFF	ON	OFF	OFF	ON	ON	ON	ON
Port3 (SW3)	OFF	ON	OFF	OFF	ON	ON	ON	ON
Port4 (SW4)	OFF	ON	OFF	OFF	ON	ON	ON	ON

RS-485/4W					RS-485/2W			
Port1 (SW1)	ON	OFF	ON	ON	OFF	OFF	ON	OFF
Port2 (SW2)	ON	OFF	ON	ON	OFF	OFF	ON	OFF
Port3 (SW3)	ON	OFF	ON	ON	OFF	OFF	ON	OFF
Port4 (SW4)	ON	OFF	ON	ON	OFF	OFF	ON	OFF

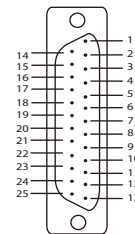
6. Accessories

- CM37M9x4-60: Male DB37 to 4-port male DB9 cable, 60cm (for JetCard 1204, 1404, 1404i, 1608)
- CM37M25x4-60: Male DB37 to 4-port male DB25 cable, 60cm (for JetCard 1204, 1404, 1404i, 1608)
- CM62M9x8-100: Male DB62 to 8-port male DB9 cable, 100cm (for JetCard 1208)
- CM62M25x8-100: Male DB62 to 8-port male DB25 cable, 100cm (for JetCard 1208)

JetCard 1608 Pin Assignments



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



DB-25 Pin	RS-232	RS-422	RS-485 (4-wire)	RS-485 (2-wire)
2	TxD	RxD+(B)	RxD+(B)	
3	RxD	TxD+(B)	TxD+(B)	Data+(B)
4	RTS	RTS+(B)		
5	CTS	CTS+(B)		
6	DSR	RTS-(A)		
7	GND	GND	GND	GND
8	DCD		TxD-(A)	Data-(A)
20	DTR		RxD-(A)	
22				

8. Korenix Customer Service

KoreCARE--- KoreCARE is Korenix Technology's global service center, where our professional staffs are ready to solve your problems at any time and in real-time.

Korenix global service center's e-mail is KoreCARE@korenix.com

5-Years WARRANTY POLICY-- Korenix warranties hardware Product period is five years. Under the warranty period, upon return of the hardware Product Korenix will, at its option, repair or replace Product at no additional charge, freight prepaid, except as set forth below. Repair parts and replacement Product will be furnished on an exchange basis and will be either reconditioned or new. All replaced Product and parts become the property of Korenix. If Korenix determines that the Product is not under warranty, it will, at the Customers option, repair the Product using current Korenix standard rates for parts and labor, and return the Product by speed-post services.

korenix

Tel: +886-2-89111000

Fax: +886-2-29123328

Business service: sales@korenix.com

Customer service: koreCARE@korenix.com

CPQ000C120001