

# korenix

JetCard Series  
Quick Installation Guide v1.3

## 1. Package List

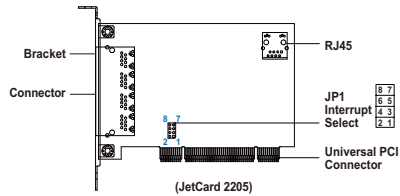
- ▶ JetCard Serial Card
- ▶ Quick Installation Guide
- ▶ Documentation and Software CD-ROM
- ▶ Screw Pack (JetCard 2105/JetCard 1608)
- ▶ Standard Bracket (JetCard 1208L)

## 2. Overview

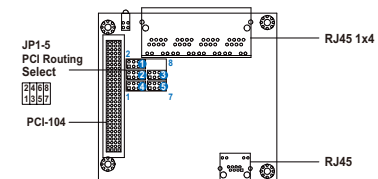
- JetCard 2105/2105-w: 5 Ports 10/100MbpsFast Ethernet Switch PCI-104 Card
- JetCard 2205/2205-w: 5 Ports 10/100Mbps Fast Ethernet Switch Universal PCI Card
- JetCard 1608/1608-w: 8 Ports RS-232/422/485 PCI-104 Card
- JetCard 1204/1204-w: 4 Ports RS-232 Universal PCI Card
- JetCard 1208L: 8 Ports RS-232 Universal PCI Low Profile Card
- JetCard 1208/1208-w: 8 Ports RS-232 Universal PCI Card
- JetCard 1402: 2 Ports RS-422/485 Universal PCI Card
- JetCard 1402i: 2 Ports RS-422/485 Isolated Universal PCI Card
- JetCard 1404: 4 Ports RS-422/485 Universal PCI Card
- JetCard 1404i: 4 Ports RS-422/485 Isolated Universal PCI Card

## 3. Product Panel Layout

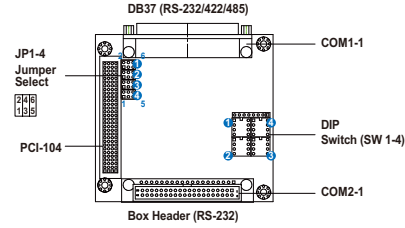
JetCard 2205/2205-w/1204/1204-w/1208/1208-w



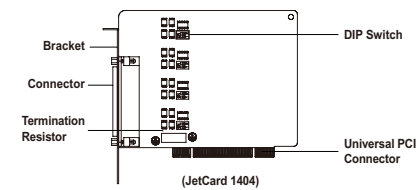
JetCard 2105/2105-w



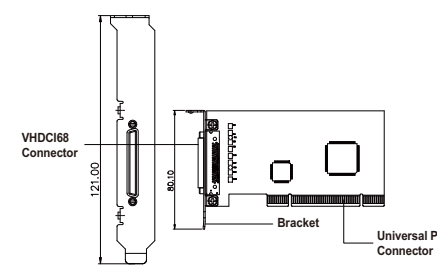
JetCard 1608/1608-w



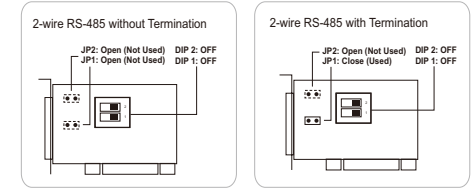
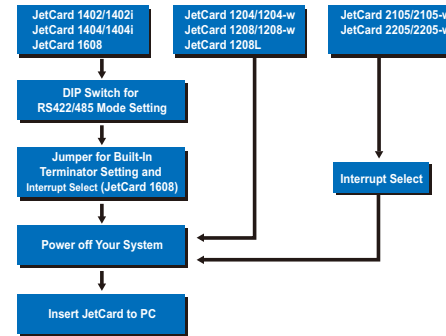
JetCard 1402/1402i/1404/1404i



JetCard 1208L



## 4. Hardware Installation



## 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

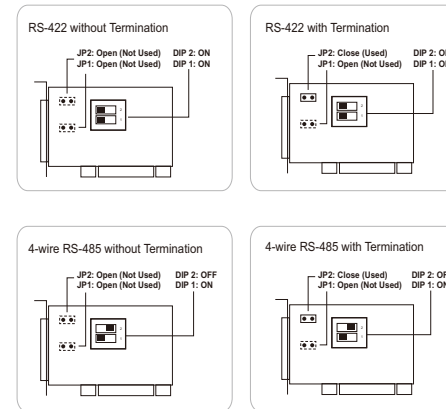
JetCard 2105 Jumper 1-5 Interrupt Select for ID Select Setting. Use Jumper 1-5 (JP1-5) short 1-2, 3-4, 5-6 or 7-8 to ID select.

The default interrupt select is 1-2.

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

Default

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



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

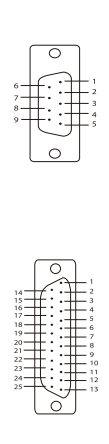
JetCard 1608 Select the Serial Interface (RS-232/422/485) for Com1

	RS-232 (Default)				RS-422			
	OFF	ON	OFF	OFF	ON	ON	ON	ON
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			
	ON	OFF	ON	ON	OFF	OFF	ON	OFF
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

## 7. Pin Assignments

JetCard 1208/1204/1404/1404i 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 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)		

## 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.


Patent No. (Taiwan):  
 Granted Invention: I 321415  
 Granted Invention: I 313547  
 Granted Invention: I 356616  
 Utility Model: M339840  
 Utility Model: M339841

台灣專利  
 發明第 I 321415 號  
 發明第 I 313547 號  
 發明第 I 356616 號  
 新型第 M 339841 號  
 新型第 M 339840 號

## 6. Accessories

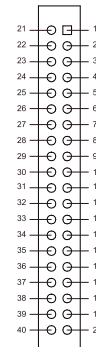
- CM37M9x4-60: Male DB37 to 4-port male DB9 cable, 60cm (for JetCard 1204/1404/1404i/1608)
- CM37M25x4-60: Male DB37 to 4-port male DB25 cable, 60cm (for JetCard 1204/1404/1404i/1608)
- CM62M9x8-100: Male DB62 to 8-port male DB9 cable, 100cm (for JetCard 1208)
- CM62M25x8-100: Male DB62 to 8-port male DB25 cable, 100cm (for JetCard 1208)
- CV68M9x8-100: Male VHDCI 68 to 8-port male DB9 connection cable, 100cm (for JetCard 1208L)
- CV68M25x8-100: Male VHDCI 68 to 8-port male DB25 connection cable, 100cm (for JetCard 1208L)

JetCard 1208L Box header Pin Assignments



Pin	Signal	Pin	Signal	Pin	Signal	Pin	Signal	Pin	Signal	Pin	Signal
1	RxD6	13	DCD4	25	TxD2	37	RI7	49	RI5	61	TxD1
2	CTS6	14	RTS4	26	GND	38	RTS7	50	CTS5	62	DSR1
3	RI6	15	RI4	27	TxD0	39	DCD7	51	RxD5	63	DTR1
4	RTS6	16	CTS4	28	DSR0	40	DTR7	52	RxD3	64	DCD1
5	DCD6	17	RxD4	29	DTR0	41	DSR7	53	CTS3	65	RTS1
6	DTR6	18	RxD2	30	DCD0	42	TxD7	54	RI3	66	RI1
7	DSR6	19	CTS2	31	RTS0	43	GND	55	TRS3	67	CTS1
8	TxD6	20	RI2	32	RI0	44	TxD5	56	DCD3	68	RxD1
9	GND	21	RTS2	33	CTS0	45	DSR5	57	DTR3		
10	TxD4	22	DCD2	34	RxD0	46	DTR5	58	DSR3		
11	DSR4	23	DTR2	35	RxD7	47	DCD5	59	TxD3		
12	DTR4	24	DSR2	36	CTS7	48	RTS5	60	GND		

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	DTR8	10	TXD8	30	DTR8
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	

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