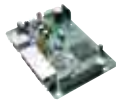


Korenix Product Selection Guide – Industrial Ethernet / PoE / Serial Boards



JetCard 5400



JetCard 2154G



JetCard 2105



JetCard 1608



JetCard 2215



JetCard 2205

3.5" SBC w/
PCI-104 bus

PCI-104 Switch Card

PCI-104 Switch Card

PCI-104 Switch Card

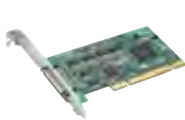
UPCI Switch Card

UPCI Switch Card

Function	Linux-Ready Single Board Computer	Gigabit Ethernet Switch Card	Ethernet Switch Card	Serial Card	PoE Ethernet Switch Card	Ethernet Switch Card
Ports	10/100Mbps Ethernet x 5 USB2.0 x1/Console x1 reset x1	10/100/1000Mbps Ethernet x 4	10/100Mbps Ethernet x 5	RS-232/422/485 x 4 external RS-232 x 4 internal	10/100Mbps Ethernet x 5 (4 ports with PoE, 15.4W)	10/100Mbps Ethernet x 5
Max. Stacked Boards	4	4	4	4	4	4
Bus interface	32-bit PCI-104	32-bit PCI-104	32-bit PCI-104	32-bit PCI-104	32-bit UPCI	32-bit UPCI
Power Input	DC 12~48V terminal block (Power consumption Max. 25W)	PCI-104 bus	PCI-104 bus	PCI-104 bus	DC 12~24V external power input (ATX 4Pin Connector)	UCPI bus
Board Connector	RJ45 x 4 external	RJ45 x 4 external	RJ45 x 4 external RJ45 x 1 internal	DB-37 female x 1 external Box header x 1 internal	RJ45 x 4 external RJ45 x 1 internal	RJ45 x 4 external RJ45 x 1 internal
Cable Connection		RJ45	RJ45	DB-9/DB-25	RJ45	RJ45
Communication Controller	CPU: Intel IXP435 400MHz RISC 128MB DDR2 RAM	Marvell 88E8001 Marvell 88E6161	Realtek 8139C+ Marvell 88E6065	Oxford OXmPCI954	Realtek 8139C+ Marvell 88E6065	Realtek 8139C+ Marvell 88E6065
Performance	L3 routing VPN, IPv6 Managed switch	10/100/1000Mbps with auto MDI/MDI-x, Ethernet Statistics monitor	10/100Mbps with auto MDI/MDI-x, Ethernet Statistics monitor	FIFO 128 Bytes, Up to 921.6Kbps, SW Flow Control	10/100Mbps with auto MDI/MDI-x, Ethernet Statistics monitor	10/100Mbps with auto MDI/MDI-x, Ethernet Statistics monitor
Operating Temperature	-40~80°C	-25~70°C	-25~70°C	-25~70°C	-25~70°C	-25~70°C

Operating System

Windows		7/NT/2000/2003/XP	NT/2000/2003/XP	NT/2000/2003/XP	NT/2000/2003/XP	NT/2000/2003/XP
Linux Kernel	Embedded Linux 2.6.20	2.4x/2.6x	2.4x/2.6x		2.4x/2.6x	2.4x/2.6x



JetCard 1208L



JetCard 1204/ 1204-w



JetCard 1208 / 1208-w



JetCard 1402 / 1402i



JetCard 1404 / 1404i

Multi-Port Serial Card

Multi-Port Serial Card

Multi-Port Serial Card

Function	UCPI (Low profile)	UCPI	UCPI	UCPI	UCPI
Ports	RS-232 x 8	RS-232 x 4	RS-232 x 8	RS-422/485 x 2	RS-422/485 x 4
Max. Stacked Boards	4	4	4	4	4
Bus interface	32-bit Universal PCI	32-bit Universal PCI	32-bit Universal PCI	32-bit Universal PCI	32-bit Universal PCI
Board Connector	VHDCI68	DB-37 female	DB-62 female	DB-9 male x2	DB-37 female
Cable Connection	DB-9/DB-25	DB-9/DB-25	DB-9/DB-25	DB-9/DB-25	DB-9/DB-25
Communication Controller	16C950 Compatible	16C950 Compatible	16C950 Compatible	16C950 Compatible	16C950 Compatible
Performance	FIFO 128 Bytes, Up to 460.8Kbps, 15KV ESD protection, HW/SW Flow Control	FIFO 128 Bytes, Up to 921.6Kbps, 15KV ESD protection, HW/SW Flow Control		FIFO 128 Bytes, Up to 921.6Kbps, 15KV ESD protection, HW/SW Flow Control	
Optical Isolation Protection: 2KV per Port				JetCard 1402i	JetCard 1404i
Operating Temperature	-10~70°C	-10~70°C (JetCard 1204 / 1208) -40~80°C (JetCard 1204-w/1208-w)		-10~70°C	-10~70°C

Operating System

Windows	7/XP/2000	7/98/Me/NT/2000/XP/2003		7/98/Me/NT/2000/XP/2003	
Linux Kernel	2.4x/2.6x	2.4x/2.6x		2.4x/2.6x	

JetCard 5400-w

Linux-Ready PCI-104 Single Board Computer

- Intel IXP435 400MHz with Networking Processor
- 5 Ethernet ports: 1 WAN, 4 LAN
- 1 USB, 1 console port, 1 reset button
- 12~48V DC input
- Embedded Linux ready
- Router/ Ethernet switch function support
- Linux SDK provided
- -40~80°C operating temperature for hazardous environment application



CE FC ~~RoHS~~ RoHS

Linux SDK PCI-104 12~48VDC

USB -40~80°C

JetCard 2154G

4-Port Gigabit Ethernet Switch PCI-104 Card

- Support 32 bit PCI-104 bus
- 4 10/100/1000TX ports with Auto MDI/MDI-X
- IEEE 802.3 10Base-T/100Base-Tx/ 1000Base-T compatible
- Full or half duplex at 10/100/1000 Mbps
- IEEE 802.3u Auto-Negotiation supported
- QoS supported



CE FC ~~RoHS~~ RoHS

PCI-104 4GbE QoS Win 7

JetCard 2105

Linux-Ready PCI-104 Single Board Computer

- Support 32 bit PCI-104 bus
- 5 10/100TX ports with Auto MDI/MDI-X
- IEEE 802.3 10 Base-T and 100 Base-Tx compatible
- Full or half duplex at 10/100 Mbps
- IEEE 802.3u Auto-Negotiation supported
- QoS supported
- Support Windows XP/NT/2000/2003/Vista, Linux 2.4/2.6
- -25~70°C operating temperature for hazardous environment application



CE FC ~~RoHS~~ RoHS

PCI-104

QoS

-25~70°C

JetCard 1608

4 Ports RS-232/422/485 & 4 Ports RS232 PCI-104 Card

- Support 32 bit PCI-104 bus
- One DB37 connectors to support 4 RS-232/422/485 ports
- One box header to support 4 RS-232 ports
- Up to 921.6Kbps high speed data transmission
- Supports on-board automatic software flow control
- Support Windows 2000/2003/XP/Vita
- -25~70°C operating temperature for hazardous environment application



CE FC ~~RoHS~~ RoHS

PCI-104

4 RS 232/
422/485

2 RS 232

921.6Kbps

-40~80°C

CM37M9x4-60: 4-port male DB37 to male DB9 connection cable, 60cm

CM37M25x4-60: 4-port male DB37 to male DB25 connection cable, 60cm



CM37M9x4-60



CM37M25x4-60

JetCard 2215

4 PoE, 1 LAN, 12~24V Booster Switch Universal PCI Card

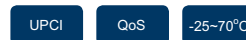
- Support 32 bit Universal PCI bus
- 5 10/100TX ports with Auto MDI/MDI-X
- One 12~24V DC input powers PCI card and PoE ports
- 4 ports PoE, IEEE 802.3af compliant, deliver 15.4W per port
- Unmanaged switch function
- IEEE 802.3 10 Base-T and 100 Base-Tx compatible
- Full or half duplex at 10/100 Mbps
- IEEE 802.3u Auto-Negotiation supported



JetCard 2205

5 Ports 10/100Mbps Fast Ethernet Switch Universal PCI Card

- Support 32 bit Universal PCI bus
- 5 10/100TX ports with Auto MDI/MDI-X
- IEEE 802.3 10 Base-T and 100 Base-Tx compatible
- Full or half duplex at 10/100 Mbps
- IEEE 802.3u Auto-Negotiation supported
- QoS supported
- -25~70°C operating temperature for hazardous environment application



JetCard 1402 / 1402i

2-port RS-422 / 485 Universal PCI Card

- Supports 32-bit Universal PCI bus
- Easy-to-install driver and self-diagnostic utility
- High speed up to 921.6 Kbps
- Built-in 15KV ESD protection
- Automatic Flow Direction Switching Technology
- Supports 128-byte FIFO
- Supports on-board automatic hardware/software flow control
- Supports over current/voltage protection
- Provides 2KV optical isolation (JetCard 1402i only)



CE FC ~~RoHS~~ RoHS



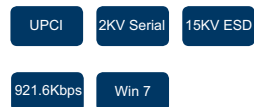
JetCard 1404 / 1404i

4-port RS-422 / 485 Universal PCI Card

- Supports 32-bit Universal PCI bus
- Easy-to-install driver and self-diagnostic utility
- High speed up to 921.6 Kbps
- Built-in 15KV ESD protection
- Automatic Flow Direction Switching Technology
- Supports 128-byte FIFO
- Supports on-board automatic hardware/software flow control
- Supports over current/voltage protection
- Provides 2KV optical isolation (JetCard 1404i only)



CE FC ~~RoHS~~ RoHS



CM37M9x4-60: 4-port male DB37 to male DB9 connection cable, 60cm

CM37M25x4-60: 4-port male DB37 to male DB25 connection cable, 60cm



CM37M9x4-60

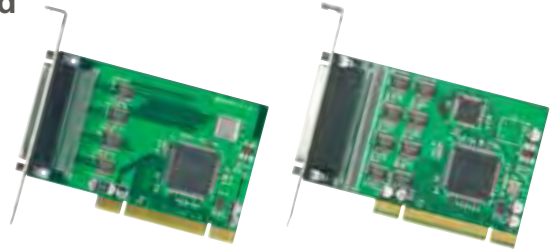


CM37M25x4-60

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

4-port / 8-port RS-232 Universal PCI Card

- Supports 32-bit Universal PCI bus
- Easy-to-install driver and self-diagnostic utility
- High speed up to 921.6 Kbps
- Built-in 15KV ESD protection
- Supports 128-byte FIFO
- Supports on-board automatic hardware/software flow control
- -10~70°C operating temperature for hazardous environment application (JetCard 1204-w/1208-w: -40~80°C)



JetCard 1204/1204-w

JetCard 1208/1208-w



CE FC ~~RoHS~~ RoHS

UPCI 15KV ESD 921.6Kbps Win 7

JetCard 1204/1204-w

CM37M9x4-60: 4-port male DB37 to male DB9 connection cable, 60cm

CM37M25x4-60: 4-port male DB37 to male DB25 connection cable, 60cm



CM37M9x4-60



CM37M25x4-60

JetCard 1208/1208-w

CM62M9x8-100: 8-port male DB62 to male DB9 connection cable, 100cm

CM62M25x8-100: 8-port male DB62 to male DB25 connection cable, 100cm



CM62M9x8-100



CM62M25x8-100

JetCard 1208L

8-port RS-232 Universal PCI Low Profile Card

- Supports 32-bit Universal PCI bus
- Low profile form factor fits small-sized PCs
- Easy-to-install driver and self-diagnostic utility
- High speed up to 921.6 Kbps
- Built-in 15KV ESD protection
- Supports 128-byte FIFO
- Supports on-board automatic hardware/ software flow control
- Driver supported Windows 7 / Vista /ME/ 2K/ XP (JetCard 1208L)
- -10~70°C operating temperature for hazardous environment application



CE FC ~~RoHS~~ RoHS

Low Profile UPCI 15KV ESD 921.6Kbps Win 7



CV68M9x8-100

Male VHDCI 68 to 8-port male DB9 connection cable, 100cm

CV68M25x8-100

Male VHDCI 68 to 8-port male DB25 connection cable, 100cm



CV68M9x8-100



CV68M25x8-100