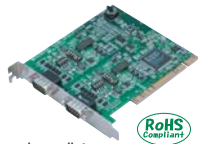


# Serial Communication

**PCI** 9-pin D-SUBx2 RS-422A/485 2ch 921.6Kbps Individual Isolated Surge Protection CE

Windows Driver Linux Driver



## 2 Port Isolated RS-422A/485 Communication Board

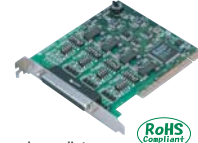
### GCOM-2PD2-PCI [COM-2PD(PCI)H]

- 2 RS-422A/RS485-compatible channels
- On-board isolated circuit provides safe communication, even over long distances
- Functions as a standard COM port in Windows or Linux with bundled driver software
- Up to 16 boards can be added with settings of COM1~256
- 128-byte FIFO buffer (both transmission and reception)



**PCI** 37-pin D-SUB RS-422A/485 4ch 921.6Kbps Individual Isolated Surge Protection CE

Windows Driver Linux Driver



## 4 Isolated Port RS-422A/485 Communication Board

### GCOM-4PD2-PCI [COM-4PD(PCI)H]

- 4 RS-422A/RS485-compatible channels
- On-board isolated circuit provides safe communication, even over long distances
- Functions as a standard COM port in Windows or Linux with bundled driver software
- Up to 16 boards can be added with settings of COM1~256
- 128-byte FIFO buffer (both transmission and reception)



**PCI** 9-pin D-SUB x2 RS-232C 2ch 921.6Kbps Individual Isolated Surge Protection CE

Windows Driver Linux Driver



## 2 Port Isolated RS-232C

### GCOM-2P(PCI)H [COM-2P(PCI)H]

- Channels individually insulated / signals are surge protected
- Functions as a standard COM port in Windows or Linux with bundled driver software
- Up to 16 boards can be added with settings of COM1~256
- 128-byte FIFO buffer (both transmission and reception) provided for each channel
- 9-pin D-type male connector



**PCI** 37-pin D-SUB RS-232C 4ch 921.6Kbps Individual Isolated Surge Protection CE

Windows Driver Linux Driver



## 4 Port Isolated RS-232C

### GCOM-4P(PCI)H [COM-4P(PCI)H]

- Channels individually insulated / signals are surge protected
- Functions as a standard COM port in Windows or Linux with bundled driver software
- Up to 16 boards can be added with settings of COM1~256
- 128-byte FIFO buffer (both transmission and reception) provided for each channel



Model	GCOM-2PD2-PCI	GCOM-4PD2-PCI	GCOM-2P(PCI)H	GCOM-4P(PCI)H
Interface type	RS-422A/RS-485 (Isolated), Full-duplex or Half-duplex communication mode	RS-422A/RS-485 (Isolated), Full-duplex or Half-duplex communication mode	RS-232C (Async. & Isolated)	RS-232C (Async. & Isolated)
Number of Channels	2ch	4ch	2ch	4ch
Speed	2~921,600bps **12			
Data type	5/6/7/8 Bits, 1/1.5/2 Stop Bits			
Parity Check	Even, Odd, Non-parity			
Controller	162850 compliant (FIFO buffer: I/O 128-byte per channel)			
Interrupts	1*3			
Wiring Distance	1200m (Max.)		15m (Max.)	
Isolation type	Individual isolation, Bus isolation			
Isolation Voltage	Individual isolation: 1000VDC, Bus isolation: 1000VDC		Individual isolation: 1000VDC, Bus isolation: 1000VDC	
I/O Address	Occupies 32 ports			
Power Consumption (Max.)	5VDC 550mA	5VDC 950mA	5VDC 600mA	5VDC 1000mA
Bus / Dimensions (mm)	PCI (32bit, 33MHz, 5V or 3.3V**) / 121.69(L)x105.68(H)			
Attachment	DRV-PAC(W32)	DRV-PAC(W32), GPCE37/9PS included	API-PAC(W32)	
Connector	9-pin D-type male connector; DELC-J9PAF-20L9 [JAE] or equivalent	37-pin female D-type:DCLC-J37SAF-20L9E [JAE] or equivalent	9-pin D-type male connector; DELC-J9PAF-20L9 [JAE] or equivalent	37-pin female D-type:DCLC-J37SAF-20L9E [JAE] or equivalent
Options	Software - Accessories - Cables/Connectors CN5-D9F	GCCU-78F/25M(CCU-78F/25M)*5 GPCE37/9PS bundled, PCE37/25PS, RSC-78M/37M, CN5-D37M	RSS-9M/9F, RSC-9F, RSS-25M/9F, RSC-25F/9F, CN5-D9F	PCE37/9PS, PCE37/25PS, CN5-D37M
Notes	*1: Software selectable speed, which can become 15~921,600bps when using the Standard COM Driver Software (COM Setup Disk) and the Driver Library (API-PAC(W32)). **2: The data transmission at high speed may not be performed normally owing to the environment, including the type of the connected devices and the length of the connected cables. *3: A single interrupt signal "INTA" is output as a collection of interrupt input signals from all channels. *4: Power voltage is set by jumper. (5VDC or 3.3VDC). *5: Requires use of optional cable RSS-78M/37M.			

As shown on the side of product's images, RoHS Compliant is a CONTEC original marking for RoHS-compliant products.

# Serial Communication

**PCI** 9-pin D-SUBx2 RS-232C 2ch 230.4Kbps

Windows Driver Linux Driver



## Low Price 2 Port RS-232C Communication Board

### GCOM-2CL-PCI

- ±15KV, ESD Overcurrent/Surge protected
- Functions as a standard COM board when used under Windows
- Up to 16 boards can be added with settings of COM1~256
- 64-byte FIFO buffer (both transmission and reception)



**PCI** 37-pin D-SUB RS-232C 4ch 230.4Kbps

Windows Driver Linux Driver



## Low Price 4 Port RS-232C Communication Board

### GCOM-4CL-PCI

- ±15KV, ESD Overcurrent/Surge protected
- Functions as a standard COM board when used under Windows
- Up to 16 boards can be added with settings of COM1~256
- 64-byte FIFO buffer (both transmission and reception)



**PCI** 9-pin D-SUBx2 RS-422A/485 2ch 230.4Kbps

Windows Driver Linux Driver



## 2 Port RS-422A/485 Communication Board

### GCOM-2DL-PCI

- 2 RS-422A/RS485-compatible channels
- Channels individually insulated signals are surge protected
- Functions as a standard COM board when used under Windows
- Up to 16 boards can be added with settings of COM1~256
- 64-byte FIFO buffer (both transmission and reception)



**PCI** 37-pin D-SUB RS-422A/485 4ch 230.4Kbps

Windows Driver With Cable



## 4 Port RS-422A/485 Communication Board

### GCOM-4DL-PCI

- 4 RS-422A/RS485-compatible channels
- Channels individually insulated signals are surge protected
- Functions as a standard COM board when used under Windows
- Up to 16 boards can be added with settings of COM1~256
- 64-byte FIFO buffer (both transmission and reception)



Model	GCOM-2CL-PCI	GCOM-4CL-PCI	GCOM-2DL-PCI	GCOM-4DL-PCI
Interface type	RS-232C (Async.)	RS-422A/RS-485 (Isolated), Full-duplex or Half-duplex communication mode	RS-422A/RS-485 (Isolated), Full-duplex or Half-duplex communication mode	RS-422A/RS-485 (Isolated), Full-duplex or Half-duplex communication mode
Number of Channels	2ch	4ch	2ch	4ch
Speed	15~230,400bps *1			
Data type	5/6/7/8 Bits, 1/1.5/2 Stop Bits			
Parity Check	Even, Odd, Non-parity			
Controller	XR17C152 compliant (FIFO buffer: I/O 64-byte per channel)			
Interrupts	1*2			
Wiring Distance	15m (Max.)		1200m (Max.)	
Isolation type	-			
Isolation Voltage	-			
Memory Address	Occupies 1024 bytes	Occupies 2048 bytes	Occupies 1024 bytes	Occupies 2048 bytes
Power Consumption (Max.)	5VDC 100mA	5VDC 120mA	5VDC 340mA	5VDC 640mA
Bus / Dimensions (mm)	PCI (32bit, 33MHz, 5V) / 121.69(L)x88.00(H)			
Attachment	DRV-PAC(W32)	DRV-PAC(W32), GPCE37/9PS included	DRV-PAC(W32)	DRV-PAC(W32), GPCE37/9PS included
Connector	9-pin D-type male connector; DELC-J9PAF-20L9 [JAE] or equivalent	37-pin female D-type:DCLC-J37SAF-20L9E [JAE] or equivalent	9-pin D-type male connector; DELC-J9PAF-20L9 [JAE] or equivalent	37-pin D-type female connector; DCLC-J37SAF-20L9 [JAE] or equivalent
Options	Software - Accessories - Cables/Connectors RSS-9MF, RSC-9F, RSS-255M/9F, RSC-25F/9F, CN5-D9F	GCCU-78F/25M(CCU-78F/25M)*3 GPCE37/9PS bundled, PCE37/25PS, RSC-78M/37M, CN5-D37M	CN5-D9F	GPCE37/9PS bundled, CN5-D37M
Notes	*1: The data transmission at high speed may not be performed normally owing to the environment, including the type of the connected devices and the length of the connected cables. *2: A single interrupt signal "INTA" is output as a collection of interrupt input signals from all channels. *3: Requires use of optional cable RSS-78M/37M.			

As shown on the side of product's images, RoHS Compliant is a CONTEC original marking for RoHS-compliant products.