

Serial Communication

PCI Express

9-pin D-SUBx2 RS-232C 921.6K bps Individual Isolated Surge Protection
Windows Driver Linux Driver



2 Port RS-232C
GCOM-2PC-PE
[COM-2PC-PE]



- Functions as a standard COM port in Windows or Linux with bundled driver software
- Channels individually insulated signals are surge protected
- 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 Express

37-pin D-SUB RS-232C 921.6K bps Individual Isolated Surge Protection
Windows Driver Linux Driver



4 Port RS-232C
GCOM-4PC-PE
[COM-4PC-PE]



- Functions as a standard COM port in Windows or Linux with bundled driver software
- Channels individually insulated signals are surge protected
- Up to 16 boards can be added with settings of COM1~256
- 128-byte FIFO buffer (both transmission and reception) provided for each channel
- 4 port 9-pin D-type connector cable bundled (GCOM-4PC-PE only)

PCI Express

9-pin D-SUBx2 RS-422A/485 921.6K bps Individual Isolated Surge Protection
Windows Driver Linux Driver



2 Port RS-422A/485
GCOM-2PD-PE
[COM-2PD-PE]



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

PCI Express

37-pin D-SUB RS-422A/485 921.6K bps Individual Isolated Surge Protection
Windows Driver Linux Driver



4 Port RS-422A/485
GCOM-4PD-PE
[COM-4PD-PE]



- Functions as a standard COM port in Windows or Linux with bundled driver software
- Channels individually insulated signals are surge protected
- Up to 16 boards can be added with settings of COM1~256
- 128-byte FIFO buffer (both transmission and reception) provided for each channel
- 4 port 9-pin D-type connector cable bundled (GCOM-4PD-PE only)

Model	GCOM-2PC-PE	GCOM-4PC-PE	GCOM-2PD-PE	GCOM-4PD-PE
Interface type	RS-232C (Async.)	RS-232C (Async.)	RS-422A/RS-485(Async.), Full-duplex or Half-duplex communication mode	RS-422A/RS-485(Async.), Full-duplex or Half-duplex communication mode
Number of Channels	2ch	4ch	2ch	4ch
Speed	2~921,600bps **1,2			
Data type	5/6/7/8 Bit, 1/1.5/2 Stop Bit **1			
Parity Check	even, odd, non-parity **1			
Controller	162850 compliant (FIFO buffer: I/O 64 bytes per channel)			
Interrupts	1 **3			
Wiring Distance	15m (Max.)		1200m (Max.)	
Isolation type	Channel Isolation & Bus Isolation			
Isolation Voltage	Channel Isolation: 1000VDC, Bus Isolation: 1000VDC	Channel Isolation: 500VDC, Bus Isolation: 1000VDC	Channel Isolation: 1000VDC, Bus Isolation: 1000VDC	Channel Isolation: 500VDC, Bus Isolation: 1000VDC
I/O Address	Occupies 32 ports			
Power Consumption (Max.)	3.3VDC 950mA	3.3VDC 1600mA	3.3VDC 1100mA	3.3VDC 1600mA
Bus / Dimensions (mm)	PCI Express Base Specification	PCI Express Base Specification	PCI Express Base Specification	PCI Express Base Specification
Included cable length	Rev.1.0a x1 / 121.69(L)x110.18(H)	0.25m (GPCE37/9PS)	Rev.1.0a x1 / 121.69(L)x110.18(H)	0.25m (GPCE37/9PS)
Connector	pin male D-type: DECLJ9PAF-20L9E [JAE] or equivalent	37-pin female D-type:DCLC-J37SAF-20L9E [JAE] or equivalent	9-pin male D-type: DECLJ9PAF-20L9E [JAE] or equivalent	37-pin female D-type:DCLC-J37SAF-20L9E [JAE] or equivalent
Options	Software: API-PAC(W32), ACX-PAC(W32)	GCCU-78F/25M(CCU-78F/25M)**4	-	GPCE37/9PS bundled, PCE37/25PS, RSC-25F/9F, CNS-D9F
Accessories	RSS-9M/F, RSC-9F, RSS-25M/9F, RSC-25F/9F, CNS-D9F	GPCE37/9PS bundled, PCE37/25PS, RSC-78M/37M, CNS-D37M	CNS-D9F	GPCE37/9PS bundled, PCE37/9PS, CNS-D37M
Cables/Connectors	-	-	-	-
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: 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

Low Profile 9-pin D-SUB RS-232C 921.6K bps CE
Windows Driver Linux Driver

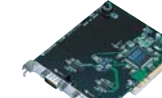


1 Port RS-232C Communication Board
GCOM-1C2-LPCI
[COM-1(LPCI)H]

- Low Profile PCI-compliant (Standard-size bracket included)
- 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)
- 9-pin D-type male connector

PCI

9-pin D-SUBx2 RS-232C 921.6K bps CE
Windows Driver Linux Driver

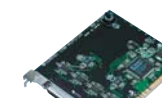


2 Port RS-232C Communication Board
GCOM-2C2-PCI
[COM-2(PCI)H]

- 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
- 9-pin D-type male connector
- 128-byte FIFO buffer (both transmission and reception)

PCI

37-pin D-SUB RS-232C 921.6K bps CE
Windows Driver Linux Driver

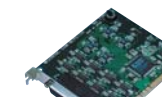


4 Port RS-232C Communication Board
GCOM-4C2-PCI
[COM-4(PCI)H]

- 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)
- 4 port 9-pin D-type connector cable bundled (GCOM-4C2-PCI only)

PCI

78-pin D-SUB RS-232C 921.6K bps CE
Windows Driver Linux Driver



8 Port RS-232C Communication Board
GCOM-8C2-PCI
[COM-8(PCI)H]

- 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)

Model	GCOM-1C2-LPCI	GCOM-2C2-PCI	GCOM-4C2-PCI	GCOM-8C2-PCI
Interface type	RS-232C (Async.)	RS-232C (Async.)	RS-232C (Async.)	RS-232C (Async.)
Number of Channels	1ch	2ch	4ch	8ch
Speed	2~921,600bps**1,2			
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	15m (Max.)			
Isolation type	-			
Isolation Voltage	-			
I/O Address	Occupies 32 ports		Occupies 64 ports	
Power Consumption (Max.)	3.3VDC 100mA (JP1: 1, 2), 5VDC 100mA (JP1: 2, 3)	3.3VDC 100mA (JP1: 1, 2), 5VDC 100mA (JP1: 2, 3)		3.3VDC 250mA (JP1: 1, 2), 5VDC 250mA (JP1: 2, 3)
Bus / Dimensions (mm)	PCI (32bit, 33MHz, 5V or 3.3V**4) / 121.69(L)x63.41(H)	PCI (32bit, 33MHz, 5V or 3.3V**4) / 121.69(L)x105.68(H)		PCI (32bit, 33MHz, 5V or 3.3V**4) / 121.69(L)x105.68(H)
Attachment	DRV-PAC(W32)		DRV-PAC(W32), GPCE37/9PS included	DRV-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	78-pin female D-type: DV11603G4 [FOXCONN] or equivalent
Options	Software: -		GCCU-78F/25M(CCU-78F/25M)**5	
Accessories	-		GPCE37/9PS bundled, PCE37/25PS, RSC-78M/37M, CNS-D37M	GCCU-78F/25M(CCU-78F/25M)**6, PCE78/9PS, GRSS-78M(RSS-78M), PCE78/25PS, CNS-D78M
Cables/Connectors	RSS-9M/F, RSC-9F, RSS-25M/9F, RSC-25F/9F, CNS-D9F		-	
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. **6: Requires use of optional cable RSS-78M.			

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