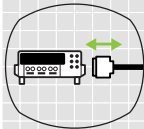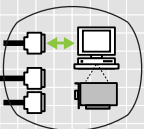# J

COMMUNICATION

SERIAL
COMMUNICATIONS

Provides PC with RS-232C/422/485 serial communication ports.

Used as a communication interface with measurement devices, barcode readers, industrial AV equipment, UPS, printers and modems which are equipped with RS-232C/422/485 serial communication port.

Application	Communicating with measurement devices/controllers
Description	RS-232C/RS-422A/RS-485 communication

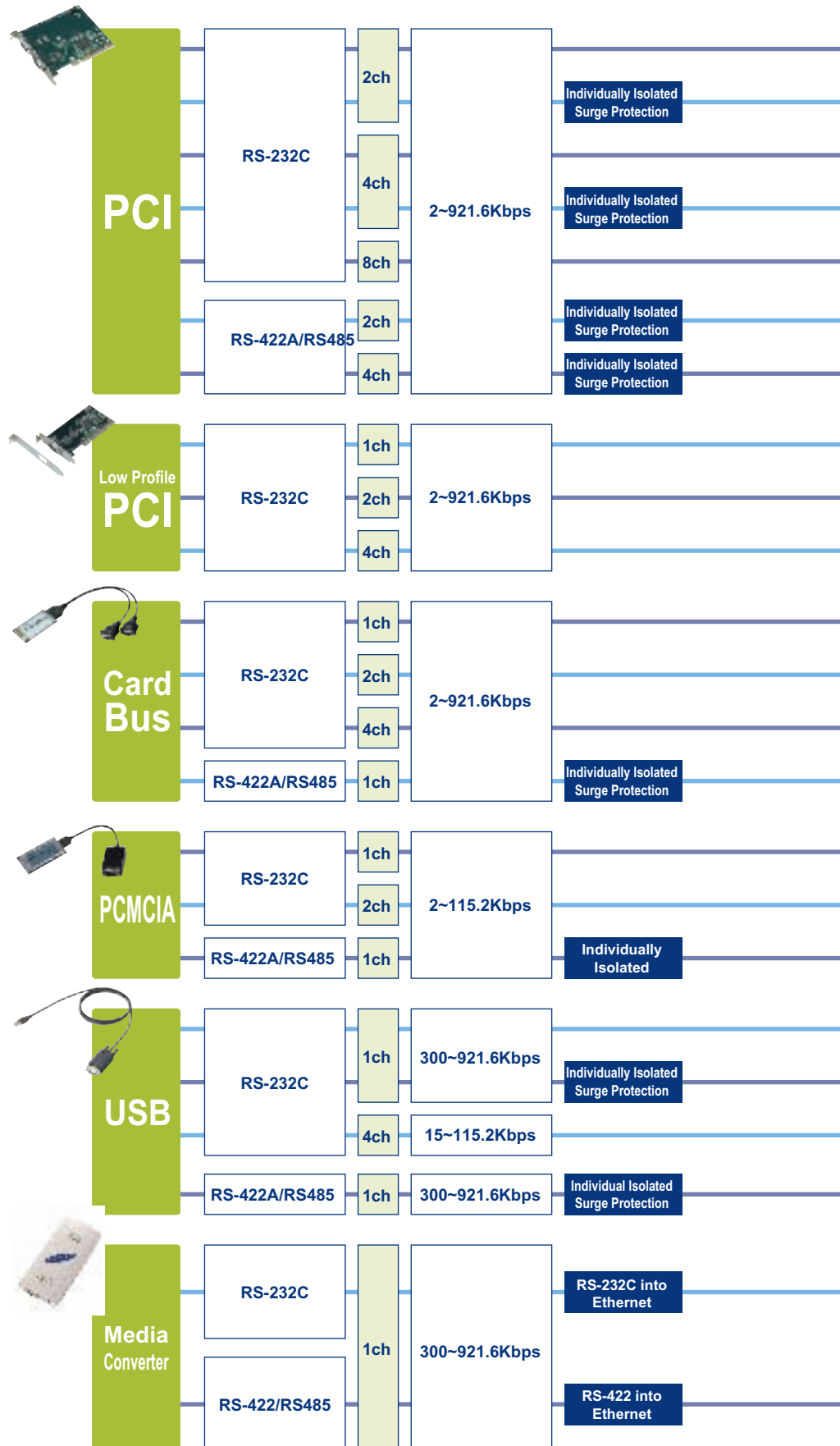|	
Application	Providing additional communication ports
Description	Serial port

Product Lineup

You can choose from a variety of interface boards according to your desired bus, communication standard and number of channels.

PCI

Standard	Channels	Speed	Options
RS-232C	2ch	2~921.6Kbps	Individually Isolated Surge Protection
	4ch		Individually Isolated Surge Protection
	8ch		
RS-422A/RS485	2ch		Individually Isolated Surge Protection
	4ch		Individually Isolated Surge Protection

Low Profile PCI

Standard	Channels	Speed
RS-232C	1ch	2~921.6Kbps
	2ch	
	4ch	

Card Bus

Standard	Channels	Speed	Options
RS-232C	1ch	2~921.6Kbps	
	2ch		
	4ch		
RS-422A/RS485	1ch		Individually Isolated Surge Protection

PCMCIA

Standard	Channels	Speed	Options
RS-232C	1ch	2~115.2Kbps	
	2ch		
RS-422A/RS485	1ch		Individually Isolated

USB

Standard	Channels	Speed	Options
RS-232C	1ch	300~921.6Kbps	Individually Isolated Surge Protection
	4ch	15~115.2Kbps	
RS-422A/RS485	1ch	300~921.6Kbps	Individual Isolated Surge Protection

Media Converter

Standard	Channels	Speed	Options
RS-232C	1ch	300~921.6Kbps	RS-232C into Ethernet
RS-422/RS485			RS-422 into Ethernet

Communication

Product Locator

Pictograms

Bus Specifications

PCI — Product is PCI standard-compliant and can be used in computer equipped with PCI bus expansion slot.

Low Profile PCI — Product is PCI standard / Low Profile-compliant. A bracket for standard-size PCI slot is provided.

USB 2.0 / USB 1.1 — Product is USB standard-compliant and can be used in computers having USB 2.0 / 1.1 port[s]. They support USB2.0 high-speed mode (480Mbps).

Card Bus — Product supports CardBus / 32-bit PC card standard

PCMCIA — Product supports 16-bit PC card standard.

Supported Connectors

- 78-pin Half Pitc
- 37-pin Half Pitc
- 9-pin Half Pitc
- 44-pin Half Pitc
- 25-pin Half Pitc

Indicate the number of pins and styles of connectors used for external connection.

Contec provides a wide variety of cables and accessories to suit your needs.

Cables and connectors → O-17

Communication standard/Number of channels

RS-232C Xch — Equipped with the indicated number of RS-232C-compliant ports

RS-422A/485 Xch — Equipped with the indicated number of RS-422A and RS-485 - compliant

Maximum transfer speed

XXX bps — Maximum transfer speed that can be set

Support software

Windows Driver

Includes Standard COM driver for Windows.

Linux Diver

Standard COM driver for Linux COM Setup Disk is also included.

■ **Standard COM Driver / COM Setup Disk**

Software for installing serial communication board in the operating system. Serial communication devices installed using COM Setup Disk will be recognized as standard PC serial ports (COM1, COM2...) when using Windows or Linux. Commercial applications that support serial ports can then be used.

Points

Individual Isolated — Features electric isolation between each channel as well as between communication lines and the PC. This prevents damage and malfunction from both signal interference between channels and communication line noise.

Surge Protection — All communication lines are equipped with surge protection circuits to prevent damage and malfunction caused by incoming voltage and current surges.

J-02

Communication

PCI | 9-pin D-SUB×2 | RS-232C 2ch | 921.6K bps | CE

Windows Driver   **Linux Diver**

2 Port RS-232C
COM-2(PCI)H

- Functions as a standard COM board when used under Windows or Linux
- Up to 16 boards can be added with settings of COM1~256
- Using 9-pin D-type male connector
- 128-byte FIFO buffer (both transmission and reception) provided for each channel

PCI | 37-pin D-SUB | RS-232C 4ch | 921.6K bps | CE

Windows Driver   **Linux Diver**

4 Port RS-232C
COM-4(PCI)H

- Functions as a standard COM board when used under Windows or Linux
- 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 | 78-pin D-SUB | RS-232C 8ch | 921.6K bps | CE

Windows Driver   **Linux Diver**

8 Port RS-232C
COM-8(PCI)H

- Functions as a standard COM board when used under Windows or Linux
- Up to 16 boards can be added with settings of COM1~256
- 128-byte FIFO buffer (both transmission and reception) provided for each channel

J-03

Model	COM-2(PCI)H	COM-4(PCI)H	COM-8(PCI)H	
Interface type	RS-232C (Async.)			
Number of Channels	2	4	8	
Speed	2~921,600bps *1			
Data type	5/6/7/8 Bit, 1/1.5/2 Stop Bit			
Parity Check	even, odd, non-parity			
Controller	162850 compliant (FIFO buffer: I/O 128 bytes per channel)			
Interrupts	One interrupt request signal as INTA			
Wiring Distance	15m (Max.)			
I/O Address	Any 32-byte boundary		Any 64-byte boundary	
Power Consumption (Max.)	5VDC 250mA	5VDC 500mA	5VDC 600mA	
Bus / Dimensions (mm)	PCI (32bit, 33MHz, 5V or 3.3V*3) / 121.69(L) × 105.68(H)			
Connector	9-pin D-type male connector DELC-J9PAF-20L9 [JAE] or equivalent	37-pin D-type female connector DCLC-J37SAF-20L9 [JAE] or equivalent	78-pin D-type female connector	
Options — Software	API-PAC(W32)			
Options — Accessories	-	CCU-78F/25M *4, RSS-78M/37M	CCU-78F/25M *4, RSS-78M	
Options — Cables / Connectors	RSS-9M/F, RSC-9F, RSS-25M/9F, RSC-25F/9F, CN5-D9F	PCE37/9PS, PCE37/25PS, COM-4M CABLE(PC)1, CN5-D37M	PCE78/9PS, PCE78/25PS, CN5-D78M	

Note:
*1: Selectable speed, 15~921,600bps, using Standard COM Drive Software Setup and API-PAC(W32)
*2: There are differences in specifications according to the model name of board. *3: +5V power must be supplied from PCI bus slot. *4: Requires use of optional cable RSS-78M/37M.

PCI | 9-pin D-SUB×2 | RS-232C 2ch | 921.6K bps | Individual Isolated | Surge Protection | CE
Windows Driver | Linux Diver

2 Port Isolated RS-232C
COM-2P(PCI)H

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

PCI | 37-pin D-SUB | RS-232C 4ch | 921.6K bps | Individual Isolated | Surge Protection | CE
Windows Driver | Linux Diver

4 Port Isolated RS-232C
COM-4P(PCI)H

● Channels individually insulated / signals are surge protected
● Functions as a standard COM board when used under Windows or Linux
● 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 | 9-pin D-SUB×2 | RS-422A/485 2ch | 921.6K bps | Individual Isolated | Surge Protection | CE
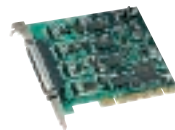Windows Driver | Linux Diver

High Speed 2 Port Isolated RS-422A/485
COM-2PD(PCI)H

● 2 RS-422A/RS485-compliant channels
● On-board isolated circuit provides safe communication, even over long distances
● Functions as a standard COM board when used under Windows or Linux
● 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 | 37-pin D-SUB | RS-422A/485 4ch | 921.6K bps | Individual Isolated | Surge Protection | CE
Windows Driver | Linux Diver

High Speed 4 Port Isolated RS-422A/485
COM-4PD(PCI)H

● 4 RS-422A/RS485-compliant channels
● On-board isolated circuit provides safe communication, even over long distances
● Functions as a standard COM board when used under Windows or Linux
● 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	COM-2P(PCI)H	COM-4P(PCI)H	COM-2PD(PCI)H	COM-4PD(PCI)H
Interface type	RS-232C (Async. & Isolated)		RS-422A/RS-485 (Isolated) Full-duplex or Half-duplex communication mode	
Number of Channels	2	4	2	4
Speed	2~921,600bps *1			
Data type	5/6/7/8 Bit, 1/1.5/2 Stop Bit			
Parity Check	even, odd, non-parity			
Controller	162850 compliant (FIFO buffer: I/O 128 bytes per channel)			
Interrupts	One interrupt request signal as INTA			
Wiring Distance	15m (Max.)		1200m (Max.)	
I/O Address	Any 32-byte boundary			
Power Consumption (Max.)	5VDC 600mA	5VDC 1000mA	5VDC 550mA	5VDC 950mA
Bus / Dimensions (mm)	PCI (32bit, 33MHz, 5V or 3.3V*2) / 121.69(L) × 105.68(H)			PCI (32bit, 33MHz, 5V) / 121.69(L) × 106.68(H)
Connector	9-pin D-type male connector DELC-J9PAF-20L9 [JAE] or equivalent	37-pin D-type female connector DCLC-J37SAF-20L9 [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	API-PAC(W32)			
Options — Accessories	-			
Options — Cables / Connectors	RSS-9M/F, RSC-9F, RSS-25M/9F, RSC-25F/9F, CN5-D9F	PCE37/9PS, PCE37/25PS, COM-4M CABLE(PC)1, CN5-D37M	CN5-D9F	PCE37/9PS, PCE37/25PS, COM-4M CABLE(PC)1, CN5-D37M

Note: *1: Selectable speed, 15~921,600bps, using Standard COM Drive Software Setup and API-PAC(W32)
*2: +5V power must be supplied from PCI bus slot.   *4: Requires use of optional cable RSS-78M/37M.

Communication

Low Profile PCI | **9-pin D-SUB** | **RS-232C 1ch** | **921.6K bps** | CE

Windows Driver | **Linux Diver**

Low Profile PCI compatible
1 Port RS-232C
COM-1(LPCI)H

● Low Profile PCI-compliant (Standard-size bracket included)
● Functions as a standard COM board when used under Windows or Linux
● Up to 16 boards can be added with settings of COM1~256
● 128-byte FIFO buffer (both transmission and reception) provided for each channel
● Using 9-pin D-type male connector

Low Profile PCI | **44-pin D-SUB** | **RS-232C 2ch** | **921.6K bps** | CE

Windows Driver | **Linux Diver**

Low Profile PCI compatible
2 Port RS-232C
COM-2(LPCI)H

● Low Profile PCI-compliant (Standard-size bracket included)
● Functions as a standard COM board when used under Windows or Linux
● Up to 16 boards can be added with settings of COM1~256
● 128-byte FIFO buffer (both transmission and reception) provided for each channel

Low Profile PCI | **44-pin D-SUB** | **RS-232C 4ch** | **921.6K bps** | CE

Windows Driver | **Linux Diver**

Low Profile PCI compatible
4 Port RS-232C
COM-4(LPCI)H

● Low Profile PCI-compliant (Standard-size bracket included)
● Functions as a standard COM board when used under Windows or Linux
● 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	COM-1(LPCI)H	COM-2(LPCI)H	COM-4(LPCI)H	
Interface type	RS-232C (Async.)			
Number of Channels	1	2	4	
Speed	2~921,600bps *1			
Data type	5/6/7/8 Bit, 1/1.5/2 Stop Bit			
Parity Check	even, odd, non-parity			
Controller	162850 compliant (FIFO buffer: I/O 128 bytes per channel)			
Interrupts	One interrupt request signal as INTA			
Wiring Distance	15m (Max.)			
I/O Address	Any 32-byte boundary			
Power Consumption (Max.)	5VDC 150mA			
Bus / Dimensions (mm)	PCI (32bit, 33MHz, 5V or 3.3V*2) / 121.69(L) × 63.41(H)			
Connector	9-pin D-type male connector DELC-J9PAF-20L9 [JAE] or equivalent	44-pin D-type female connector 103A-44FGTBBB3 [COXOC] or equivalent		
Options — Software	API-PAC(W32)			
Options — Accessories	-			
Options — Cables / Connectors	RSS-9M/F, RSC-9F, RSS-25M/9F, RSC-25F/9F, CN5D9F	PCE44/9P2S, CN5-D44M	PCE44/9P4S, CN5-D44M	

Note:
*1: Selectable speed, 15~921,600bps, using Standard COM Drive Software Setup and API-PAC(W32)
*2: +5V power must be supplied from PCI bus slot.

Communication

Card Bus

9-pin D-SUB | **RS-232C 1ch** | **921.6K bps** | CE

Windows Driver | **Linux Diver**

CardBus compatible
1 Port RS-232C
COM-1(CB)H

Pb Free

- Functions as a standard COM board when used under Windows XP/2000/Me/98 or Linux
- 128-byte FIFO buffer (both transmission and reception) provided for each channel
- Maximum 2pcs. can be mounted on the same PC (1pc. only for Windows Me, 98SE, 98 and Linux)

Card Bus

9-pin D-SUB×2 | **RS-232C 2ch** | **921.6K bps** | CE

Windows Driver | **Linux Diver**

CardBus compatible
2 Port RS-232C
COM-2(CB)H

Pb Free

- Functions as a standard COM board when used under Windows XP/2000/Me/98 or Linux
- 128-byte FIFO buffer (both transmission and reception) provided for each channel
- Maximum 2pcs. can be mounted on the same PC (1pc. only for Windows Me, 98SE, 98 and Linux)

Card Bus

9-pin D-SUB×4 | **RS-232C 4ch** | **921.6K bps** | CE

Windows Driver | **Linux Diver**

CardBus compatible
4 Port RS-232C
COM-4(CB)H

Pb Free

- Functions as a standard COM board when used under Windows XP/2000/Me/98 or Linux
- 128-byte FIFO buffer (both transmission and reception) provided for each channel
- Maximum 2pcs. can be mounted on the same PC (1pc. only for Windows Me, 98SE, 98 and Linux)

Card Bus

9-pin D-SUB | **RS-422A/485 1ch** | **921.6K bps** | **Individual Isolated** | **Surge Protection**

Windows Driver | **Linux Diver**

CardBus compatible
1 Port Isolated RS-422A/485
COM-1PD(CB)H

- Functions as a standard COM board when used under Windows XP/2000/Me/98 or Linux
- On-board isolated circuit provides safe communication, even over long distances
- 128-byte FIFO buffer (both transmission and reception) provided for each channel
- Maximum 2pcs. can be mounted on the same PC (1pc. only for Windows Me, 98SE, 98 and Linux)

Model	COM-1(CB)H	COM-2(CB)H	COM-4(CB)H	COM-1PD(CB)H
Interface type	RS-232C(Async.)			RS-422A/RS-485 (Async.&Isolated)
Number of Channels	1	2	4	1
Speed	2~921,600bps [1]			
Data type	5/6/7/8 Bit, 1/1.5/2 Stop Bit			
Parity Check	even, odd, non-parity			
Controller	162850 compliant (I/O buffer: 128Byte)			
Interrupts	one interrupt request signal as INTA			
Wiring Distance	15m (Max.)			1200m (Max.)
I/O Address	Any 32-byte boundary			
Power Consumption (Max.)	3.3VDC 100mA		3.3VDC 200mA	3.3VDC, Terminator OFF: 300mA / Terminator ON: 500mA
Bus / Dimensions (mm)	PC Card Standard CardBus / Type II			
Connector	9-pin D-type male connector, DELC-J9PAF-20L9[JAE] or equivalent			
Options	Software	API-PAC(W32)			
	Accessories	-			
	Cables / Connectors	RSS-9M/F, RSC-9F, RSS-25M/9F, RSC-25F/9F, CN5-D9F			CN5-D9F

Note:

[1]: Selectable speed, 15~921,600bps, using Standard COM Drive Software Setup and API-PAC(W32)

Communication

PCMCIA | 9-pin D-SUB | RS-232C 1ch | 115.2K bps | CE
Windows Driver | Linux Diver

1 Port RS-232C
COM-1(PM)

● Functions as a standard COM board when used under Windows XP/2000/Me/98 or Linux
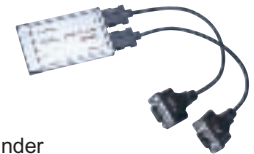● Equipped with RS-232C-compliant serial I/O board.

PCMCIA | 9-pin D-SUB×2 | RS-232C 2ch | 115.2K bps
Windows Driver | Linux Diver

2 Port RS-232C
COM-2(PM)

● Functions as a standard COM board when used under Windows XP/2000/Me/98 or Linux
● 16-byte FIFO buffer (both transmission and reception) provided for each channel

PCMCIA | 9-pin D-SUB | RS-422A/485 1ch | 115.2K bps | Individual Isolated | CE
Windows Driver | Linux Diver

1 Port Isolated RS-485/RS422A
COM-1D(PM)

● Functions as a standard COM board when used under Windows XP/2000/Me/98 or Linux
● On-board isolated circuit provides safe communication, even over long distances

Model		COM-1(PM)	COM-2(PM)	COM-1D(PM)	
Interface type		RS-232C(Async.)		RS-422A/RS-485 (Async.)	
Number of Channels		1 (usable as 1ch of COM1~4)	2	1 (usable as 1ch of COM1~4)	
Speed		2~115,200bps			
Data type		5/6/7/8 Bit, 1/1.5/2 Stop Bit			
Parity Check		even, odd, non-parity			
Controller		16550 compliant (I/O buffer: 16Byte)			
Interrupts		One of IRQ3~7, 9~12, 14 or 15	One of IRQ3~7, 9~12 or 15	One of IRQ3~7, 9~12, 14 or 15	
Wiring Distance		15m (Max.)		1200m (Max.)	
I/O Address		Any 8-byte boundary	Any 16-byte boundary	Any 8-byte boundary	
Power Consumption (Max.)		5VDC 170mA	5VDC 170mA	5VDC 100mA	
Bus / Dimensions (mm)		PCMCIA Rel.2.0/JEIDA 4.1 upper/ TYPE II			
Connector		9-pin D-type male connector, DELC-J9PAF-20L9[JAE] or equivalent			
Options	Software	API-PAC(W32)			
	Accessories	-			
	Cables / Connectors	RSS-9M/F, RSC-9F, RSS-25M/9F, RSC-25F/9F, CN5-D9F		CN5-D9F	

Note:

Communication

USB 2.0
9-pin D-SUB | **RS-232C 1ch** | **921.6K bps**
Windows Driver

1 Port RS-232C Micro Converter
COM-1(USB)H

● 128byte transmission and 384byte reception
● Functions as a standard COM board when used in Windows XP/2000
● 9-pin D-SUB connector (female) is used allowing direct connection with modem
The attached gender-changer enables connection with 9-pin D-SUB connector (female) cable (* Installed in the factory setting)

USB 2.0
9-pin D-SUB | **RS-232C 1ch** | **921.6K bps** | **Individual Isolated** | **Surge Protection**
Windows Driver

1 Port Isolated RS-232C Micro Converter
COM-1P(USB)H

● 128byte transmission and 384byte reception
● Functions as a standard COM board when used in Windows XP/2000
● Port is isolated from PC and protected against surge
● 9-pin D-SUB connector (female) is used allowing direct connection with modem
The attached gender-changer enables connection with 9-pin D-SUB connector (female) cable (* Installed in the factory setting)

USB 2.0
9-pin D-SUB | **RS-422A/485 4ch** | **921.6K bps** | **Individual Isolated** | **Surge Protection**
Windows Driver

1 Port Isolated RS-485/RS422A Micro Converter
COM-1PD(USB)H

● 9-pin D-SUB connector (male) is used allowing connection with 9-pin D-SUB connector (female) cable.
● 128byte transmission and 384byte reception
● Functions as a standard COM board when used in Windows XP/2000
● Port is isolated from PC and protected against surge

USB 2.0
9-pin D-SUB×4 | **RS-232C 4ch** | **115.2K bps**
Windows Driver

4 Channels RS-232C Serial Interface
COM-4(USB)

● 16 terminals [max] can be set, and COM1~COM4 can all be set
● FIFO buffer (4KBytes transmission / 4KBytes reception) on each channel
● Baud rate can be uniquely set for each channel

J-08

Model	COM-1(USB)H	COM-1P(USB)H	COM-1PD(USB)H	COM-4(USB)
Interface type	RS-232C (Async.)		RS-422A/485 (Async.)	RS-232C (Async.)
Number of Channels	1			4
Speed	300~921,600bps *1*2			15~115,200bps *2
Data type	5/6/7/8 Bit, 1/1.5/2 Stop Bit			
Parity Check	even, odd, non-parity			
Controller	FT232BM (FIFO buffer: 128-byte transmission, 384-byte reception)			16C654 compliant
Interrupts	-			
Wiring Distance	15m (Max.)		1200m (Max.)	15m (Max.)
I/O Address	-			
Power Consumption (Max.)	5VDC 60mA	5VDC 280mA	5VDC 350mA	5VDC 210mA
Bus / Dimensions (mm)	USB 1.1 / 2.0/ 78.3(W) × 20.5(D) × 36.5(H), 91.0(W) × 20.5(D) × 36.5(H) (when gender changer connecting)		USB 1.1 / 2.0/ 68.3(W) × 20.5(D) × 36.5(H)	USB 1.1 / 232.0(W) × 140.0(D) × 33.5(H)"
Connector	USB: USB A connector RS-232C: 9-pin female D-type connector			9-pin male D-type,DELC-J9PAF-20L9[JAE] or equivalent
Options	Software	-			
	Accessories	-			
	Cables / Connectors	RSS-9M/F, RSC-9F, RSS-25M/9F, RSC-25F/9M, RSC-25F/9F, CN5-D9M, CN5-D9F		CN5-D9M, CN5-D9F	RSS-9M/F, RSC-9F, RSS-25M/9F, RSC-25F/9F, CN5-D9F

Note:
*1: Data transmission at high speed is dependent upon the environment including the type and status of connected equipment, cabling and coverable environment.
*2: Software Selectable

Communication

Media Converter

●RS-232 / RS-422 serial communication protocol is converted to Ethernet
### ●Choice of three operation modes to suit your specific needs

● Replace a Serial Cable Connection [Transparent Mode]

In this mode, data from connected devices is transferred as is, without any changes. You can replace serial cables with Ethernet without changing communication software settings. Up to 254 units can be installed on the same line.
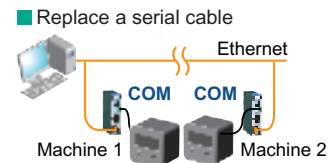
● Add a COM port on your PC - [Virtual COM Mode]

In this mode, the unit is used as a COM port in a Windows® PC. Via Ethernet, you can operate a remote device as if it were right next to you. Access by socket communication is also supported.
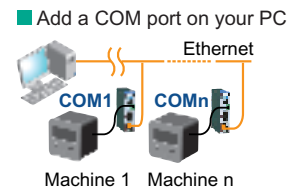
● N-to-N Packet Communication Using Dedicated Commands ─ [Modem Mode]

This mode is used for creating communication programs and conducting packet communications using dedicated commands. You can conduct communications to multiple units (N-to-N) by appending packets with the device ID.254 units can be installed on the same line.

■ Replace a serial cable

■ Add a COM port on your PC

RS-232C Serial Communication Media Converter

RS-232C ⇔ Ethernet (Wire LAN)
RP-COM(FIT)GY

RS-422/485 Media Converter

RS-422/485 ⇔ Ethernet (Wire LAN)
RP-422(FIT)GY

Model	RP-COM(FIT)GY	RP-422(FIT)GY
Serial Standard	RS-232C	RS-422
Data Speed	300~921,600bps	
Connector	9-pin male D-type connector	
Wire LAN		
Ethernet Standard	IEEE802.3u, IEEE802.3	
Transmission Format	Half Duplex / Full Duplex	
Data Speed	10/100Mbps	
Access Method	CSMA/CD	
Number of ports	1 (10BASE-T / 100BASE-TX)	
Power Supply	5VDC ± 5% (AC adapter included)	
Power Consumption	0.4A	0.5A
Dimensions (mm)	25.2(W) × 64.7(D) × 94.0(H) (Exclusive of any protrusion)	
Weight	100g (3.5oz)	

ISA

	2 Port RS-232C COM-2(PC)F	High Speed 2 Port Isolated RS-422A/RS485 COM-2PD(PC)H
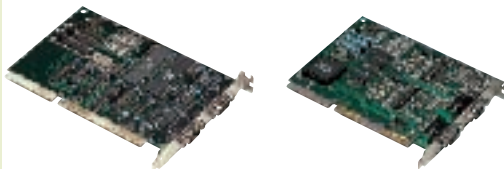
SPECIFICATIONS

Interface type	RS-232C	RS-422A, RS-485
Channels	2ch	
Access Speed	50~115,200bps	50~921,600bps
Data type	5/6/7/8 Bit, 1/1.5/2 Stop Bit	
Parity check	even, odd, non-parity	
Controller	16550 compliant	
Interrupts	Compatible mode: Two of IRQ 3~7, 9~12, 14 or 15 Enhanced mode: One of IRQ 3~7, 9~12, 14 or 15	
Wiring distance	15m (Max.)	1.2km (Max.)
I/O address	Any 16-byte boundary	
Power consumption (Max.)	5VDC 420mA, +12VDC 60mA, -12VDC 50mA	5VDC 480mA
Connector	9-pin male D-type: DELC-J9PAF-20L9[JAE] or equivalent	
Bus / Dimension (mm)	AT Bus / 163.0(L) × 107.0(H)	AT Bus / 163.0(L) × 122.0(H)
Options	Software	API-PAC(W32)	
	Accessories	-	
	Cables / Connector	RSS-9M/F, RSC-9F, RSS-25M/9F, RSC-25F/9F, CN5-D9F	RSS-9M/F, RSS-25M/9F, CN5-D9F
CE mark	○	○

*: Jumper selectable

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