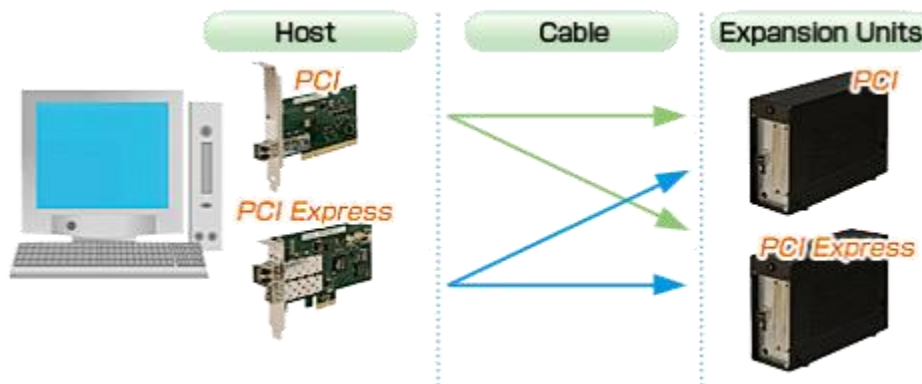## PCI, PCIe Bus Expansion Units

Interface Corporation has introduced Bus expansion units for PCI and PCI Express. The expansion unit provides a host computer with additional slots, from 2 to 13 slots. Interface Corporation offers three types of transmission mode: Optical transmission, PCI Express transmission and PCI bus transmission. The expansion unit facilitates migration to a new system while maintaining existing software.

Have a Question or need application help?
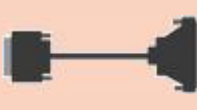
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Features

• High speed, insulated optical fiber transmission (optical transmission model)

• Maintain existing software and interface modules

• More than 500 Interface PCI and PCI Express module selections

• Interlock expansion unit power supply controlled by a host computer

• Expansion unit power type selectable

• Selectable combination of units and cables (see combination chart)

Selectable Host/Expansion Combination Chart

Host/Expansion		PCI	PCI Express
		PCI	PEX
PCI	PCI	PCI -PFA	PCI-PXA
PCI Express	PEX	PEX-PFA	PEX-PXA

Transmission Cable Comparison Chart

	Optical Fiber	PCI Express	PCI Bus
Max. Cable Length	150 m	4 m	1.2 m
Transmission Rate	2.5 Gbps	2.5 Gbps	1.056 Gbps
Power Consumption	0.1 W	0.1 W	0.9 W
Noise Immunity	Excellent (insulated)	Good	Good
Reliability (Error Resend)	Excellent	Excellent	Good
Reference Model * Host PC: PCI bus Expansion unit: 2 slots	**PCI-PFA02SJ(OP)***	**PCI-PFA02SJ(EX)***	**PCI-PFA02SJ***
	*model number reference chart		

Please click here for the datasheet.

We also offer small to mid-volume, high-mix model productions for interface boards. We are available to help and provide you with some solutions that may fit the specifications for your applications. Contact us today.