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Interface Amita Solutions, Inc. is the sole subsidiary and global distributor of Interface Corporation. We distribute Interface products to all over the world.

PCI and Low Profile PCI Board Reference Guide

Interface Corporation provides approximately 300 PCI boards and 60 Low Profile PCI boards of various categories so that you can find suitable boards for your system.
This Reference Guide includes descriptions and product lists of Interface PCI and Low Profile PCI boards.

About PCI Board



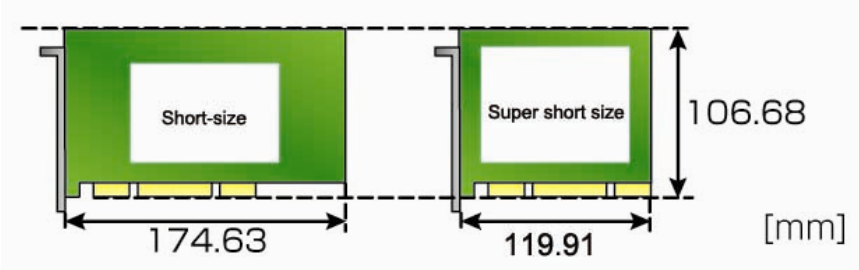
The PCI (Peripheral Component Interconnect) is one of local computer bus architectures to connect processor to a computer and peripheral devices designed by Intel Corporation.
The PCI bus is widely adopted as an industry-standard bus to extend functions of computers, workstation, and server. It features low dependency on CPU and achieves high-speed data transfer (theoretical value: 133 MB per second (max.)).
Interface Corporation provides a wide variety of PCI boards; more than 300 different types.

The bus requirement is PCI local bus (Rev 2.1 or later), 32-bit bus width, 33MHz clock, and 5 V and/or 3.3 V signaling environment.
They support Windows 7, Embedded Standard 7, Embedded Standard 2009, Server 2008, Vista, Server 2003, XP, Linux, and DOS.

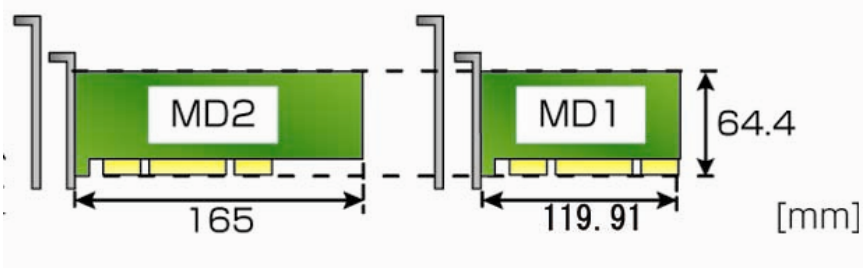
Interface Corporation also provides Low Profile PCI boards for smaller system designs. The electrical definitions are the same between PCI and Low Profile PCI boards. The board size is different.
A bracket for PCI slot is attached to each Interface LPC (Low Profile PCI) boards so that you can use LPC board in standard PCI slots.

■ Board size of PCI and LPC boards

PCI board



LPC board (Low Profile PCI)



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PCI Board Lineup

Digital I/O	Relay Output	Analog I/O	Serial Communication
			
HDLC	**CAN**	**DeviceNet**	**GP-IB**
			
MemoLink	**Frame Grabber**	**Counter**	**Resolver**
			
Motion Controller	**Parallel Communication**	**LAN**	**RAS**
			

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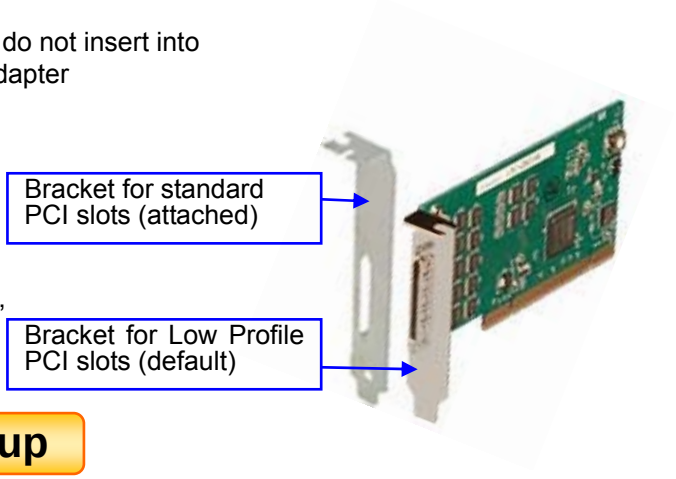
About Low Profile PCI Board

The Low Profile PCI boards offer a new mechanical standard based on the PCI local Bus Specification. Low Profile PCI Boards have the same signal protocol, electrical definitions, and configuration definitions as standard PCI boards. As the size is smaller than PCI boards, Low Profile boards are intended for use in small footprint computers. There are two defined board length for Low Profile PCI, MD1 and MD2. The length of MD1 is 119.91 mm and MD2 is 165.00 mm.

Due to the height difference of the bracket, Low Profile boards do not insert into standard PCI slots. Interface Corporation provides a bracket adapter for standard PCI slots.

Interface Corporation provides rich lineup of the Low Profile PCI boards as LPC series.

The LPC series is RoHS compliant and supports Windows 7, Embedded Standard 7, Embedded Standard 2009, Server 2008, Vista, Server 2003, XP, Linux, and DOS.



Interface Low Profile PCI Board Lineup

Digital I/O	Relay Output	Analog I/O	Serial Communication HDLC
			
Parallel Communication	**CAN**	**Motion Controller**	**Counter**
			
Frame Grabber	**GP-IB**	**LAN**	**MemoLink**
			

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PCI Board (PCI Series)

Part Number	Product Name
Digital I/O	
PCI-2104C	64-Channel TTL Digital Input PCI Product
PCI-2105A	64-Channel TTL Digital Input PCI Product (FC)
PCI-2128	Isolated 32-Channel +12 Vdc Digital Input PCI Product (On-Board Isolated Power Supply)
PCI-2130C	Isolated 64-Channel +12 Vdc Digital Input PCI Product
PCI-2130CL	Isolated 64-Channel +12 Vdc to +24 Vdc Digital Input PCI Product
PCI-2130CM	Isolated 64-Channel +24 Vdc Digital Input PCI Product
PCI-2131	Isolated 32-Channel +12 Vdc Digital Input PCI Product
PCI-2131A	Isolated 32-Channel +12 Vdc Digital Input PCI Product (FC)
PCI-2131AL	Isolated 32-Channel +12 Vdc to +24 Vdc Digital Input PCI Product (FC)
PCI-2131AM	Isolated 32-Channel +24 Vdc Digital Input PCI Product (FC)
PCI-2131L	Isolated 32-Channel +12 Vdc to +24 Vdc Digital Input PCI Product
PCI-2131M	Isolated 32-Channel +24 Vdc Digital Input PCI Product
PCI-2135	Individual-Isolated 24-Channel +12 Vdc Digital Input PCI Product
PCI-2135L	Individual-Isolated 24-Channel +12 Vdc to +24 Vdc Digital Input PCI Product
PCI-2135M	Individual-Isolated 24-Channel +24 Vdc Digital Input PCI Product
PCI-2152C	Bus-Isolated 64-Channel +5 Vdc to +48 Vdc CMOS Digital Input PCI Product
PCI-2154C	64-Channel +5 Vdc to +48 Vdc CMOS Digital Input PCI Product
PCI-2162	Photo-Isolated 32-Channel 12 Vdc Digital Input PCI Product (On-Board Power Supply)
PCI-2172C	20-Mega Samplings Per Second 32-Channel TTL Digital Input PCI Product (DMA Transfer)
PCI-2230C	Isolated 64-Channel +12 Vdc to +48 Vdc Digital Input PCI Product (On-Board Isolated Power Supply)
PCI-2230CV	Isolated 64-Channel +5 Vdc to +48 Vdc Digital Input PCI Product (On-Board Isolated Power Supply)
PCI-224020	Isolated 128-Channel +5 Vdc to +24 Vdc Digital Input PCI Product (On-Board Isolated Power Supply)
PCI-225020	Isolated 128-Channel +12 Vdc to +24 Vdc Digital Input PCI Product
PCI-2330CV	Isolated 64-Channel +5 Vdc to +48 Vdc/100 mA Digital Output PCI Product
PCI-234002	Isolated 128-Channel +5 Vdc to +24 Vdc/100 mA Digital Output PCI Product
PCI-235002	Isolated 128-Channel +12Vdc to +24 Vdc/100 mA Digital Output PCI Product
PCI-2402C	64-Channel TTL Digital Output PCI Product
PCI-2403A	32-Channel TTL Digital Output PCI Product (FC)
PCI-2424	Isolated 32-Channel +12 Vdc to +24 Vdc/100 mA Digital Output PCI Product
PCI-2426C	Isolated 64-Channel +5 Vdc to +24 Vdc Digital Output PCI Product
PCI-2427	Isolated 32-Channel +5 Vdc to +24 Vdc Digital Output PCI Product
PCI-2427A	Isolated 32-Channel +5 Vdc to +24 Vdc Digital Output PCI Product (FC)
PCI-2430C	Isolated 64-Channel +12 Vdc to +24 Vdc/100 mA Digital Output PCI Product
PCI-2431	Isolated 32-Channel +12 Vdc to +24 Vdc/100 mA Digital Output PCI Product
PCI-2431A	Isolated 32-Channel +12 Vdc to +24 Vdc/100 mA Digital Output PCI Product (FC)
PCI-2464C	Bus-Isolated 64-Channel +5 Vdc to +48 Vdc/100 mA Digital Output PCI Product
PCI-2466C	64-Channel +5 Vdc to +48 Vdc/100 mA Digital Output PCI Product
PCI-2470	Isolated 8-Channel +5 Vdc to +24 Vdc/100 mA Digital Output PCI Product
PCI-2472C	20-Mega Samplings Per Second 32-Channel TTL DMA Transfer Digital Output PCI Product
PCI-2702C	64-Channel TTL Digital Input/Output PCI Product
PCI-2703	32-Channel TTL Digital Input/Output PCI Product
PCI-2703A	32-Channel TTL Digital Input/Output PCI Product (FC)
PCI-2722	Isolated 16-Channel Digital Input and 16-Channel Digital Output +12 Vdc/100 mA PCI Product (On-Board Isolated Power Supply)
PCI-2723C	Isolated 32-Channel Digital Input and 32-Channel Digital Output +12 Vdc/100 mA PCI Product (On-Board Isolated Power Supply)
PCI-2724C	Isolated 32-Channel Digital Input and 32-Channel Digital Output +12 Vdc PCI Product
PCI-2724CL	Isolated 32-Channel Digital Input and 32-Channel Digital Output +12 Vdc to +24 Vdc PCI Product
PCI-2724CM	Isolated 32-Channel Digital Input and 32-Channel Digital Output +24 Vdc PCI Product
PCI-2725	Isolated 16-Channel Digital Input and 16-Channel Digital Output +12 Vdc PCI Product
PCI-2725A	Isolated 16-Channel Digital Input and 16-Channel Digital Output +12 Vdc PCI Product (FC)
PCI-2725AL	Isolated 16-Channel Digital Input and 16-Channel Digital Output +12 Vdc to +24 Vdc PCI Product (FC)
PCI-2725AM	Isolated 16-Channel Digital Input and 16-Channel Digital Output +24 Vdc PCI Product (FC)
PCI-2725L	Isolated 16-Channel Digital Input and 16-Channel Digital Output +12 Vdc to +24 Vdc PCI Product
PCI-2725M	Isolated 16-Channel Digital Input and 16-Channel Digital Output +24 Vdc PCI Product
PCI-2726C	Isolated 32-Channel Digital Input and 32-Channel Digital Output +12 Vdc/100 mA PCI Product
PCI-2726CL	Isolated 32-Channel Digital Input and 32-Channel Digital Output +12 Vdc to +24 Vdc/100 mA PCI Product
PCI-2726CM	Isolated 32-Channel Digital Input and 32-Channel Digital Output +24 Vdc/100 mA PCI Product
PCI-2727	Isolated 16-Channel Digital Input and 16-Channel Digital Output +12 Vdc/100 mA PCI Product
PCI-2727A	Isolated 16-Channel Digital Input and 16-Channel Digital Output +12 Vdc/100 mA PCI Product (FC)
PCI-2727AL	Isolated 16-Channel Digital Input and 16-Channel Digital Output +12 Vdc to +24 Vdc/100 mA PCI Product (FC)

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Part Number	Product Name
PCI-2727AM	Isolated 16-Channel Digital Input and 16-Channel Digital Output +24 Vdc/100 mA PCI Product (FC)
PCI-2727L	Isolated 16-Channel Digital Input and 16-Channel Digital Output +12 Vdc to +24 Vdc/100 mA PCI Product
PCI-2727M	Isolated 16-Channel Digital Input and 16-Channel Digital Output +24 Vdc/100 mA PCI Product (FC)
PCI-2746C	48-Channel Programmable Peripheral Interface (PPI) Input/Output TTL PCI Product
PCI-2747A	24-Channel Programmable Peripheral Interface (PPI) Input/Output TTL PCI Product (FC)
PCI-2752C	32-Channel Digital Input and 32-Channel Digital Output TTL PCI Product
PCI-2753	16-Channel Digital Input and 16-Channel Digital Output TTL PCI Product
PCI-2756A	Isolated 8-Channel Digital Input and 8-Channel Digital Output +12 Vdc/100 mA PCI Product (FC)
PCI-2756AL	Isolated 8-Channel Digital Input and 8-Channel Digital Output +12 Vdc to +24 Vdc/100 mA PCI Product (FC)
PCI-2756AM	Isolated 8-Channel Digital Input and 8-Channel Digital Output +24 Vdc/100 mA PCI Product (FC)
PCI-2760C	32-Channel Digital Input and 32-Channel Digital Output CMOS +5 Vdc to +48 Vdc/100 mA PCI Product
PCI-2762C	High-Speed Isolated 32-Channel Digital Input and 32-Channel Digital Output +12 Vdc/100 mA PCI Product
PCI-2762CM	High-Speed Isolated 32-Channel Digital Input and 32-Channel Digital Output +24 Vdc/100 mA PCI Product
PCI-2768C	64-Channel Digital Input/Output CMOS +5 Vdc to +48 Vdc/100 mA PCI Product
PCI-2772C	20-Mega Samplings Per Second 32-Channel TTL Digital Input/Output PCI Product (DMA Transfer)
PCI-2790C	Bus-Isolated 32-Channel Digital Input and 32-Channel Open-Collector Digital Output CMOS +5 Vdc to +48 Vdc/100 mA PCI Product
PCI-2793	High-Speed Isolated 16-Channel Digital Input and 16-Channel Digital Output TTL PCI Product
PCI-2796C	Bus-Isolated 64-Channel Digital Input and 64-Channel Digital Output TTL PCI Product
PCI-2798C	Bus-Isolated 64-Channel Digital Input and Digital Output CMOS +5 Vdc to +48 Vdc/100 mA PCI Product
PCI-2826C	Isolated 32-Channel Digital Input and 32-Channel Digital Output +12 Vdc to +48 Vdc/100 mA PCI Product (On-Board Isolated Power Supply)
PCI-2826CV	Isolated 32-Channel Digital Input and 32-Channel Digital Output +5 Vdc to +48 Vdc/100 mA PCI Product (On-Board Isolated Power Supply)
PCI-284011	Isolated 64-Channel Digital Input and 64-Channel Digital Output +5 Vdc to +24 Vdc/100 mA PCI Product (On-Board Isolated Power Supply)
PCI-285011	Isolated 64-Channel Digital Input and 64-Channel Digital Output +12 Vdc to +24 Vdc/100 mA PCI Product
PCI-287144	Isolated 32-Channel Sink Type Digital Input and 32-Channel Source Type Digital Output +12 Vdc to +24 Vdc/100 mA PCI Product
PCI-287244	Isolated 32-Channel Sink Type Digital Input and 32-Channel Source Type Digital Output +12 Vdc to +24 Vdc/100 mA PCI Product (On-Board Power Supply)
PCI-291022	128-Channel TTL Digital Input/Output PCI Product
PCI-2910C	50-Mega Samplings Per Second 32-Channel TTL Digital Input PCI Product (with Memory)
PCI-292022	128-Channel Low Voltage TTL Digital Input/Output PCI Product
PCI-292388	64-Channel Low Voltage TTL Digital Input/Output PCI Product
PCI-293022	Isolated 128-Channel +5 Vdc to +24 Vdc/40 mA CMOS Digital Input/Output PCI Product
PCI-2994C	Isolated 64-Channel +12 Vdc to +48 Vdc/100 mA Digital Input/Output PCI Product (On-Board Power Supply)
PCI-2994CV	Isolated 64-Channel +5 Vdc to +48 Vdc/100 mA Digital Input/Output PCI Product (On-Board Power Supply)
Relay Output	
PCI-2503	8-Channel Normally-Open/Normally-Close Contacts Mechanical Relay Output PCI Product
PCI-2512C	32-Channel Normally-Open Contacts Reed-Relay Output PCI Product
PCI-2513	16-Channel Normally-Open Contacts Reed-Relay Output PCI Product
PCI-251500	32-Channel Normally-Open Contacts Photo-MOS Relay Output PCI Product
PCI-2758A	8-Channel Normally-Open Contacts Reed-Relay Output, Isolated 8-Channel Digital input and 8-Channel Digital Output +12 Vdc/100 mA PCI Product (FC)
PCI-2758AL	8-Channel Normally-Open Contacts Reed-Relay Output, Isolated 8-Channel Digital input and 8-Channel Digital Output +12 Vdc to +24 Vdc/100 mA PCI Product (FC)
PCI-2758AM	8-Channel Normally-Open Contacts Reed-Relay Output, Isolated 8-Channel Digital input and 8-Channel Digital Output +24 Vdc/100 mA PCI Product (FC)
PCI-286122	Isolated 16-Channel Digital Input and 16-Channel Digital Output +12 Vdc to +24 Vdc Normally-Open Contacts Photo-MOS Relay Output CompactPCI Product
Analog I/O	
PCI-3120	Bus-Isolated 12-Bit 8-Channel (Differential) Simultaneous-Sampling Analog-to-Digital Input PCI Product
PCI-3126	Individually-Isolated 12-Bit 8-Channel Analog-to-Digital Output PCI Product (Current-loop Interface)
PCI-3133	12-Bit 8-Channel (Differential)/16-Channel (Single-Ended) Analog-to-Digital Input PCI Product
PCI-3135	16-Bit 8-Channel (Differential)/16-Channel (Single-Ended) Analog-to-Digital Input PCI Product
PCI-3153	1-Mega Samplings Per Second 12-Bit 8-Channel (Differential)/16-Channel (Single-Ended) Analog-to-Digital Input PCI Product (with 32-K sample FIFO)
PCI-3155	16-Bit 8-Channel (Differential)/16-Channel (Single-Ended) Analog-to-Digital Input PCI Product(with 32-K sample FIFO)
PCI-3161	20-Mega Samplings Per Second 8-Bit 2-Channel (Single-Ended) Simultaneous-Sampling Analog-to-Digital Input PCI Product(with Memory)
PCI-3163	10-Mega Samplings Per Second 12-Bit 2-Channel (Single-Ended) Simultaneous-Sampling Analog-to-Digital Input PCI Product(with Memory)
PCI-3165	Bus-Isolated 16-Bit 8-Channel (Differential)/16-Channel (Single-Ended) Analog-to-Digital Input PCI Product
PCI-3166	Bus-Isolated 12-Bit 8-Channel (Differential)/16-Channel (Single-Ended) Analog-to-Digital Input PCI Product
PCI-3168C	12-Bit 16-Channel (Differential)/32-Channel (Single-Ended) Analog-to-Digital Input PCI Product
PCI-3170A	12-Bit 8-Channel (Single-Ended) Analog-to-Digital Input PCI Product (Unipolar 0 V to +5 V)
PCI-3171A	12-Bit 8-Channel (Single-Ended) Analog-to-Digital Input PCI Product (Bipolar +/-5 V)

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Part Number	Product Name
PCI-3172A	12-Bit 8-Channel (Single-Ended) Analog-to-Digital Input PCI Product (Unipolar 0 V to +10 V)
PCI-3173A	12-Bit 8-Channel (Single-Ended) Analog-to-Digital Input PCI Product (Bipolar +/-10 V)
PCI-3174	1-Mega Samplings Per Second 12-Bit 8-Channel (Differential)/16-Channel (Single-Ended) Analog-to-Digital Input and 12-Bit 1-Channel Digital-to-Analog Output PCI Product
PCI-3175	Bus-Isolated 12-Bit 8-Channel (Differential)/16-Channel (Single-Ended) Analog-to-Digital Input and 12-Bit 1-Channel Digital-to-Analog Output PCI Product
PCI-3176	Bus-Isolated 16-Bit 8-Channel (Differential)/16-Channel (Single-Ended) Analog-to-Digital Input and 16-Bit 1-Channel Digital-to-Analog Output PCI Product
PCI-3177C	12-Bit 32-Channel (Differential)/64-Channel (Single-Ended) Analog-to-Digital Input PCI Product
PCI-3178	Individually-Isolated 16-Bit 4-Channel (Single-Ended) Simultaneous-Sampling Analog-to-Digital Input PCI Product
PCI-3179	Individually-Isolated 16-Bit 4-Channel (Differential) Simultaneous-Sampling Analog-to-Digital Input PCI Product (Delta-Sigma Converter)
PCI-3180	Bus-Isolated 12-Bit 4-Channel (Differential) Simultaneous-Sampling Analog-to-Digital Input PCI Product
PCI-320112	12-Bit 8-Channel (Differential)/16-Channel (Single-Ended) +/-50 V Analog-to-Digital Input PCI Product
PCI-320412	High-Precision 1-Mega Samplings Per Second 12-Bit 8-Channel (Differential)/16-Channel (Single-Ended) Analog-to-Digital Input, 8-Channel Digital Input/Output, and Counter PCI Product
PCI-320416	1-Mega Samplings Per Second 16-Bit 8-Channel (Differential)/16-Channel (Single-Ended) Analog-to-Digital Input, 8-Channel Digital Input/Output, and Counter PCI Product
PCI-3305	5-Mega Samplings Per Second 12-Bit 2-Channel Digital-to-Analog Output PCI Product (with 512 K Sample/Channel Memory)
PCI-3310	Bus-Isolated 16-Bit 4-Channel Digital-to-Analog Output PCI Product
PCI-3325	Bus-Isolated 12-Bit 4-Channel Digital-to-Analog Output PCI Product (Current-loop Interface)
PCI-3329K	12-Bit 8-Channel Digital-to-Analog Output PCI Product
PCI-3335	Bus-Isolated 16-Bit 4-Channel Digital-to-Analog Output PCI Product (with 512 K Sample/Channel Memory)
PCI-3336	16-Bit 4-Channel Digital-to-Analog Output PCI Product
PCI-3337	16-Bit 4-Channel Digital-to-Analog Output PCI Product (with 512 K Sample/Channel Memory)
PCI-3338K	Bus-Isolated 12-Bit 8-Channel Digital-to-Analog Output PCI Product
PCI-3340	16-Bit 8-Channel Digital-to-Analog Output PCI Product
PCI-3341A	12-Bit 8-Channel Digital-to-Analog Output PCI Product
PCI-3342A	12-Bit 4-Channel Digital-to-Analog Output PCI Product (Unipolar 0 V to +10 V)
PCI-3343A	12-Bit 4-Channel Digital-to-Analog Output PCI Product (Bipolar +/-10 V)
PCI-3345A	12-Bit 4-Channel Digital-to-Analog Output PCI Product
PCI-3346A	12-Bit 16-Channel Digital-to-Analog Output PCI Product
PCI-3347	Individually-Isolated 16-Bit 4-Channel Digital-to-Analog Output PCI Product (Current-loop Interface)
PCI-3521	12-Bit 4-Channel (Differential)/8-Channel (Single-Ended) Analog-to-Digital Input and 12-Bit 4-Channel Digital-to-Analog Output PCI Product
PCI-3522A	12-Bit 8-Channel (Single-Ended) Analog-to-Digital Input and 12-Bit 4-Channel Digital-to-Analog Output PCI Product (Unipolar 0 V to +10 V)
PCI-3523A	12-Bit 8-Channel (Single-Ended) Analog-to-Digital Input and 12-Bit 4-Channel Digital-to-Analog Output PCI Product (Bipolar +/-10 V)
PCI-3525	10-Mega Samplings Per Second 12-Bit 2-Channel (Single-Ended) Simultaneous-Sampling Analog-to-Digital Input and 12-Bit 1-Channel Digital-to-Analog Output PCI Product
PCI-360112	High-Precision 1-Mega Samplings Per Second 12-Bit 8-Channel (Differential)/16-Channel (Single-Ended) Analog-to-Digital Input, 12-Bit 2-Channel Digital-to-Analog Output, Digital Input/Output, and Counter PCI Product
PCI-360116	1-Mega Samplings Per Second 16-Bit 8-Channel (Differential)/16-Channel (Single-Ended) Analog-to-Digital Input, 16-Bit 2-Channel Digital-to-Analog Output, Digital Input/Output, and Counter PCI Product
PCI-360216	1-Mega Samplings Per Second 16-Bit 8-Channel (Differential)/16-Channel (Single-Ended) Analog-to-Digital Input, 16-Bit 1-Channel Digital-to-Analog Output, Digital Input/Output, and Counter PCI Product
Serial Communication	
PCI-4115	1-Channel RS-232C/RS485(422) LAP-B Communications PCI Product (with External Clock)
PCI-4141	2-Channel RS-232C Asynchronous Serial Communications PCI Product
PCI-4141P	Individually-Isolated 2-Channel RS-232C Asynchronous Serial Communications PCI Product
PCI-4141PE	Individually-Isolated 2-Channel RS-232C Asynchronous Serial Communications PCI Product
PCI-4142	2-Channel RS-485(422) Asynchronous Serial Communications PCI Product
PCI-4142P	Individually-Isolated 2-Channel RS-485(422) Asynchronous Serial Communications PCI Product
PCI-4142PE	Individually-Isolated 2-Channel RS-485(422) Asynchronous Serial Communications PCI Product
PCI-4144	4-Channel RS-232C Asynchronous Serial Communications PCI Product
PCI-4145	4-Channel RS-485(422) Asynchronous Serial Communications PCI Product
PCI-4146	4-Channel RS-232C Asynchronous Serial Communications PCI Product
PCI-4147	4-Channel RS-485(422) Asynchronous Serial Communications PCI Product
PCI-4148C	8-Channel RS-232C Asynchronous Serial Communications PCI Product
PCI-4149C	8-Channel RS-485(422) Asynchronous Serial Communications PCI Product
PCI-4150	1-Channel RS232C Asynchronous Serial Communications and 1-Channel Printer Input/Output PCI Product
PCI-4155	2-Channel RS-232C Asynchronous Serial Communications PCI Product
PCI-4156	2-Channel RS-232C LAP-B Communications PCI Product (with External Clock)
PCI-4157	2-Channel RS-485(422) LAP-B Communications PCI Product (with External Clock)
PCI-4161	2-Channel RS-232C Asynchronous Serial Communications PCI Product (with 1024-Byte FIFO and External Clock)
PCI-420108Q	8-Channel RS-232C and 24-Channel Digital Input/Output PCI Product (Host Module)

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Part Number	Product Name
PCI-420116Q	16-Channel RS-232C and 48-Channel Digital Input/Output PCI Product (Host Module)
PCI-420208Q	8-Channel RS-485(422) and 24-Channel Digital Input/Output PCI Product (Host Module)
PCI-420216Q	16-Channel RS-485(422) and 48-Channel Digital Input/Output PCI Product (Host Module)
PCI-4646	4-Channel RS-232C Asynchronous Serial Communications PCI Product
PCI-466102	2-Channel RS-485(422) Asynchronous Serial Communications PCI Product (with 1024-Byte FIFO)
PCI-466102P	Individually-Isolated 2-Channel RS-485(422) Asynchronous Serial Communications PCI Product (with 1024-Byte FIFO)
PCI-466104	4-Channel RS-485(422) Asynchronous Serial Communications PCI Product (with 1024-Byte FIFO)
PCI-466104A	4-Channel RS-485(422) Asynchronous Serial Communications PCI Product (with 1024-Byte FIFO)
PCI-466104P	Individually-Isolated 4-Channel RS-485(422) Asynchronous Serial Communications PCI Product (with 1024-Byte FIFO)
PCI-466104PA	Individually-Isolated 4-Channel RS-485(422) Asynchronous Serial Communications PCI Product (with 1024-Byte FIFO)
PCI-466108	8-Channel RS-485(422) Asynchronous Serial Communications PCI Product (with 1024-Byte FIFO)
PCI-466120	2-Channel RS-232C Asynchronous Serial Communications PCI Product (with 1024-Byte FIFO)
PCI-466120P	Individually-Isolated 2-Channel RS-232C Asynchronous Serial Communications PCI Product (with 1024-Byte FIFO)
PCI-466140	4-Channel RS-232C Asynchronous Serial Communications PCI Product (with 1024-Byte FIFO)
PCI-466140A	4-Channel RS-232C Asynchronous Serial Communications PCI Product (with 1024-Byte FIFO)
PCI-466140P	Individually-Isolated 4-Channel RS-232C Asynchronous Serial Communications PCI Product (with 1024-Byte FIFO)
PCI-466140PA	Individually-Isolated 4-Channel RS-232C Asynchronous Serial Communications PCI Product (with 1024-Byte FIFO)
PCI-466180	8-Channel RS-232C Asynchronous Serial Communications PCI Product (with 1024-Byte FIFO)
HDLC	
PCI-4171	1-Channel RS-232C/RS-485(422) HDLC Communications PCI Product (with External Clock)
PCI-4171FM	1-Channel RS-485(422) HDLC Communications PCI Product (with External Clock) FM
PCI-4171S	1-Channel RS-485(422) HDLC Communications PCI Product (with External Clock)
PCI-4172	2-Channel RS-485(422) HDLC Communications PCI Product (with External Clock)
PCI-4172FM	2-Channel RS-485(422) HDLC Communications PCI Product (with External Clock) FM
PCI-423104Q	4-Channel RS-232C HDLC Communications and 24-Channel Digital Input/Output PCI Product (Host Module)
PCI-423108Q	8-Channel RS-232C HDLC Communications and 48-Channel Digital Input/Output PCI Product (Host Module)
PCI-423204Q	4-Channel RS-485(422) HDLC Communications and 24-Channel Digital Input/Output PCI Product (Host Module)
PCI-423208Q	8-Channel RS-485(422) HDLC Communications and 48-Channel Digital Input/Output PCI Product (Host Module)
PCI-467120	2-Channel RS-232C HDLC Communications PCI Product (with External Clock)
CAN	
PCI-485102	2-Channel Low-Speed CAN PCI Product
PCI-485111	1-Channel High-Speed CAN and 1-Channel Low-Speed CAN PCI Product
PCI-485120	2-Channel High-Speed CAN PCI Product
PCI-485202	2-Channel Low-Speed CAN PCI Product (with 64-Message FIFO)
PCI-485202P	Individually-Isolated 2-Channel Low-Speed CAN PCI Product (with 64-Message FIFO)
PCI-485211	1-Channel High-Speed CAN and 1-Channel Low-Speed CAN PCI Product (with 64-Message FIFO)
PCI-485211P	Individually-Isolated 1-Channel High-Speed CAN and 1-Channel Low-Speed CAN PCI Product (with 64-Message FIFO)
PCI-485220	2-Channel High-Speed CAN PCI Product (with 64-Message FIFO)
PCI-485220P	Individually-Isolated 2-Channel High-Speed CAN PCI Product (with 64-Message FIFO)
PCI-485304	4-Channel DMA Transfer Low-Speed CAN Interface PCI Product (with 64-Message FIFO)
PCI-485304P	Individually-Isolated 4-Channel DMA Transfer Low-Speed CAN PCI Product (with 64-Message FIFO)
PCI-485322	2-Channel DMA Transfer High-Speed CAN and 2-Channel Low-Speed CAN PCI Product (with 64-Message FIFO)
PCI-485322P	Individually-Isolated DMA Transfer 2-Channel High-Speed CAN and 2-Channel Low-Speed CAN PCI Product (with 64-Message FIFO)
PCI-485340	4-Channel DMA Transfer High-Speed CAN PCI Product (with 64-Message FIFO)
PCI-485340P	Individually-Isolated 4-Channel DMA Transfer High-Speed CAN PCI Product (with 64-Message FIFO)
PCI-485420P	Individually-Isolated 2-Channel High-Speed CAN PCI Product (with multi cyclical send)
DeviceNet	
PCI-487101PQ	Bus-Isolated 1-Channel DeviceNet PCI Product
GP-IB	
PCI-4301	1-Channel DMA Transfer GPIB PCI Product
PCI-4302	1-Channel DMA Transfer GPIB PCI Product (LabVIEW)
PCI-4304	1-Channel GPIB PCI Product (with FIFO)
PCI-4304P	Bus-Isolated 1-Channel GPIB PCI Product (with FIFO)
MemoLink	
PCI-4911	30-Meter Signaling Mode Memolink Master PCI Product
PCI-4912	30-Meter Signaling Mode Memolink Extender Slave PCI Product
PCI-4913	3-Meter Signaling Mode Memolink Master PCI Product
PCI-4914	3-Meter Signaling Mode Memolink Terminator Slave PCI Product
PCI-4915	30-Meter Signaling Mode Memolink Terminator Slave PCI Product
PCI-4919	3-Meter Signaling Mode Memolink Extender Slave PCI Product
Frame Grabber	
PCI-550131	1-Channel PAL Frame Grabber PCI Product
PCI-550135	5-Channel PAL Frame Grabber PCI Product
PCI-5520	1-Channel NTSC Grabber PCI Product
PCI-5521	1-Channel NTSC Frame Grabber PCI Product (with Memory)

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Part Number	Product Name
PCI-5522	1-Channel NTSC Frame Grabber PCI Product (Binarization)
PCI-5523	1-Channel NTSC Frame Grabber PCI Product (with Memory, Binarization)
PCI-5524	1-Channel NTSC Frame Grabber PCI Product (Measurement Function)
PCI-5525	1-Channel NTSC Frame Grabber PCI Product (Conversion Function)
PCI-5526	1-Channel NTSC Frame Grabber PCI Product (Labeling Function)
PCI-5530	5-Channel NTSC Frame Grabber PCI Product
PCI-5531	5-Channel NTSC Frame Grabber PCI Product (with Memory)
PCI-5532	5-Channel NTSC Frame Grabber PCI Product (Binarization)
PCI-5533	5-Channel NTSC Frame Grabber PCI Product (with Memory, Binarization)
PCI-5534	5-Channel NTSC Frame Grabber PCI Product (Measurement Function)
PCI-5535	5-Channel NTSC Frame Grabber PCI Product (Conversion Function)
PCI-5536	5-Channel NTSC Frame Grabber PCI Product (Labeling Function)
Counter	
PCI-6103	32-Bit 1-Channel Timer/Counter PCI Product
PCI-6103S	32-Bit 1-Channel Timer/Counter PCI Product
PCI-6105	4-Channel Pulse Generator PCI Product
PCI-6106	16-Bit 4-Channel Single-Phase Pulse Counter PCI Product
PCI-6201	24-Bit 4-Channel 3-Mode Pulse Counter PCI Product (Differential Input)
PCI-6201E	24-Bit 4-Channel 3-Mode Pulse Counter PCI Product (Popular Edition)
PCI-6202	24-Bit 2-Channel Pulse Meter and Single-Phase Pulse Counter PCI Product
PCI-6204	32-Bit 2-Channel 3-Mode Pulse Counter PCI Product
PCI-6205C	24-Bit 8-Channel 3-Mode Pulse Counter PCI Product
PCI-632206	32-Bit 4-Channel Multi-Function Counter and 32-Bit 2-Channel 50MHz Single-Phase Pulse Counter PCI Product (1.5 m)
PCI-632206TK	32-Bit 4-Channel Multi-Function Counter and 32-Bit 2-Channel 50MHz Single-Phase Pulse Counter PCI Product (1.2 m, e-CON)
PCI-632206TL	32-Bit 4-Channel Multi-Function Counter and 32-Bit 2-Channel 50MHz Single-Phase Pulse Counter PCI Product (1.2 m, Bare Wire)
Resolver	
PCI-650102	12-Bit 2-Channel Resolver-to-Digital Conversion PCI Product
PCI-650201	1-Channel Digital-to-Resolver Conversion PCI Product
PCI-650301	Isolated 1-Channel Digital-to-Resolver Conversion
Motion Controller	
PCI-7208	Isolated 4-Axis Pulse Motion Controller PCI Product (Linear Interpolation and Encoder Input +5 Vdc)
PCI-7209	Isolated 2-Axis Pulse Motion Controller PCI Product (Linear Interpolation and Encoder Input +5 Vdc)
PCI-7210CA	Isolated 4-Axis Pulse Motion Controller PCI Product (Linear Interpolation and Encoder Input +5 Vdc)
PCI-7211CA	Isolated 2-Axis Pulse Motion Controller PCI Product (Linear Interpolation and Encoder Input +5 Vdc)
PCI-7212C	Isolated 8-Axis Pulse Motion Controller PCI Product (Circular and Linear Interpolation)
PCI-7301	Isolated 4-Axis DC Motor Driver PCI Product (H Bridge Output)
PCI-7404M	4-Axis Pulse Motion Controller PCI Product (Circular, Linear Interpolation, and Encoder Input +24 Vdc)
PCI-7404V	4-Axis Pulse Motion Controller PCI Product (Circular, Linear Interpolation, and Encoder Input +5 Vdc)
PCI-7414M	Isolated 4-Axis Pulse Motion Controller PCI Product (Circular, Linear Interpolation, and Encoder Input +24 Vdc)
PCI-7414V	Isolated 4-Axis Pulse Motion Controller PCI Product (Circular, Linear Interpolation, and Encoder Input +5 Vdc)
Printer I/O	
PCI-8208	2-Channel Printer Input/Output PCI Product
PCI-8209	1-Channel Printer Input/Output PCI Product
PCI-8209S	1-Channel Printer Input/Output PCI Product
LAN	
PCI-450102	2-Channel Gigabit Ethernet PCI Product
PCI-450102K	2-Channel Gigabit Ethernet PCI Product
PCI-450104	4-Channel Gigabit Ethernet PCI Product
PCI-450104K	4-Channel Gigabit Ethernet PCI Product
PCI-4515	1-Channel FAST Ethernet PCI Product
RAS	
PCI-1901A	Error Detection PCI Product
PCI-1903	Error Detection PCI Product (Event LOG)

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Low Profile PCI Board (LPC Series)

Part Number	Product Name
Digital I/O	
LPC-224140	Isolated 32-Channel +5 Vdc to +24 Vdc Digital Input Product (On-Board Isolated Power Supply)
LPC-234104	Isolated 32-Channel +5 Vdc to +24 Vdc/60 mA Digital Output Low Profile PCI Product
LPC-284122	Isolated 16-Channel Digital Input and 16-Channel Digital Output +5 Vdc to +24 Vdc/60 mA Low Profile PCI Product (On-Board Isolated Power Supply)
LPC-285122	Isolated 16-Channel Digital Input and 16-Channel Digital Output +12 Vdc to +24 Vdc/60 mA Low Profile PCI Product
LPC-291144	20-Mega Samplings Per Second 32-Channel TTL DMA Transfer Digital Input/Output Low Profile PCI Product
LPC-292144	20-Mega Samplings Per Second 32-Channel Low Voltage TTL DMA Transfer Digital Input/Output Low Profile PCI Product
LPC-292366	48-Channel Low Voltage TTL Digital Input/Output Low Profile PCI Product
LPC-293166	48-Channel +5 Vdc to +24 Vdc CMOS Digital Input/Output Low Profile PCI Product
Relay Output	
LPC-251100	4-Channel Transfer Contacts Mechanical Relay and Individual-Isolated +12 Vdc to +24 Vdc Digital Input/Output Low Profile PCI Product
LPC-251101	8-Channel Transfer Contacts Mechanical Relay Digital Output Low Profile PCI Product
Analog I/O	
LPC-320724	1.5-Mega Samplings Per Second 24-Bit 2-Channel (Single-Ended) Simultaneous Sampling Analog-to-Digital Input Low Profile PCI Product
LPC-320910	40-Mega Samplings Per Second 10-Bit 2-Channel (Differential) Simultaneous Sampling Analog-to-Digital Input (with Memory) and 8-Channel Digital Input/Output Low Profile PCI Product
LPC-321012	1-Mega Samplings Per Second 12-Bit 4-Channel (Single-Ended) Simultaneous Sampling Analog-to-Digital Input and 8-Channel Digital Input/Output Low Profile PCI Product
LPC-321116	1-Mega Samplings Per Second 16-Bit 8-Channel (Differential)/16-Channel (Single-Ended) Analog-to-Digital Input, Digital Input/Output, and Counter Low Profile PCI Product
LPC-321216	Bus-Isolated 1-Mega Samplings Per Second 16-Bit 8-Channel (Differential)/16-Channel (Single-Ended) Analog-to-Digital Input, Digital Input/Output, and Counter Low Profile PCI Product
LPC-321316	16-Bit 16-Channel (Single-Ended) Analog-to-Digital Input, Digital Input/Output, and Counter Low Profile PCI Product
LPC-321416	Bus-Isolated 16-Bit 16-Channel (Single-Ended) Analog-to-Digital Input, Digital Input/Output, and Counter Low Profile PCI Product
LPC-340216	16-Bit 4-Channel Digital-to-Analog Output (Bipolar +/-10 V) and 8-Channel Digital Input/Output Low Profile PCI Product
LPC-340416	Bus-Isolated 16-Bit 4-Channel Digital-to-Analog Output (Bipolar +/-10 V) and 8-Channel Digital Input/Output Low Profile PCI Product
LPC-361116	1-Mega Samplings Per Second 16-Bit 8-Channel (Differential)/16-Channel (Single-Ended) Analog-to-Digital Input, 16-Bit 2-Channel Digital-to-Analog Output, Digital Input/Output, and Counter Low Profile PCI Product
LPC-361216	Bus-Isolated 1-Mega Samplings Per Second 16-Bit 8-Channel (Differential)/16-Channel (Single-Ended) Analog-to-Digital Input, 16-Bit 2-Channel Digital-to-Analog Output, Digital Input/Output, and Counter Low Profile PCI Product
LPC-361316	16-Bit 16-Channel (Single-Ended) Analog-to-Digital Input, 16-Bit 2-Channel Digital-to-Analog Output, Digital Input/Output, and Counter Low Profile PCI Product
LPC-361416	Bus-Isolated 16-Bit 16-Channel (Single-Ended) Analog-to-Digital Input, 16-Bit 2-Channel Digital-to-Analog Output, Digital Input/Output, and Counter Low Profile PCI Product
Serial Communication	
LPC-400111	1-Channel RS-232C Asynchronous Serial Communications and 1-Channel Printer Input/Output PCI Express Product
LPC-466102	2-Channel RS-485(422) Asynchronous Serial Communications Low Profile PCI Product (with 1024-Byte FIFO)
LPC-466104	4-Channel RS-485(422) Asynchronous Serial Communications Low Profile PCI Product (with 1024-Byte FIFO)
LPC-466120	2-Channel RS-232C Asynchronous Serial Communications Low Profile PCI Product (with 1024-Byte FIFO)
LPC-466140	4-Channel RS-232C Asynchronous Serial Communications Low Profile PCI Product (with 1024-Byte FIFO)
Parallel Communication	
LPC-8209	1-Channel Printer Input/Output Low Profile PCI Product
HDLC	
LPC-467101	1-Channel RS-485(422) HDLC Communications Low Profile PCI Product (with External Clock)
LPC-467101FM	1-Channel RS-485(422) HDLC Communications Low Profile PCI Product (with External Clock) (FM)
LPC-467102	2-Channel RS-485(422) HDLC Communications Low Profile PCI Product (with External Clock)
LPC-467120	2-Channel RS-232C HDLC Communications Low Profile PCI Product (with External Clock)
CAN	
LPC-485102	2-Channel Low-Speed CAN Low Profile PCI Product
LPC-485111	1-Channel High-Speed CAN and 1-Channel Low-Speed CAN Low Profile PCI Product
LPC-485120	2-Channel High-Speed CAN Low Profile PCI Product
LPC-485202	2-Channel Low-Speed CAN Low Profile PCI Product (with 64-Message FIFO)
LPC-485211	1-Channel High-Speed CAN and 1-Channel Low-Speed CAN Low Profile PCI Product (with 64-Message FIFO)
LPC-485220	2-Channel High-Speed CAN Low Profile PCI Product (with 64-Message FIFO)
Motion Controller	
LPC-742020	2-Axis Pulse Motion Controller Low Profile PCI Product

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Part Number	Product Name
Counter	
LPC-630101	32-Bit 1-Channel Timer/Counter Low Profile PCI Product
LPC-631204	32-Bit 4-Channel 3-Mode Pulse Counter and 16-Channel Digital Input/Output Low Profile PCI Product
LPC-632102	32-Bit 2-Channel 50 MHz Single-Phase Pulse Counter Low Profile PCI Product
LPC-632104	32-Bit 4-Channel Multi-Function Counter Low Profile PCI Product
Frame Grabber	
LPC-530115	5-Channel NTSC Frame Grabber Low Profile PCI Product
LPC-530121	1-Channel CameraLink Frame Grabber Low Profile PCI Product (Binarization)
LPC-530215	5-Channel NTSC Frame Grabber Low Profile PCI Product (Binarization)
LPC-530221	1-Channel CameraLink Frame Grabber and Encoder Counter Low Profile PCI Product
LPC-530421	1-Channel Power over CameraLink Frame Grabber Low Profile PCI Product (Binarization)
LPC-530521	1-Channel Power over CameraLink Frame Grabber and Encoder Counter Low Profile PCI Product
GP-IB	
LPC-432101	1-Channel DMA Transfer GPIB Low Profile PCI Product
LAN	
LPC-4515	1-Channel FAST Ethernet Low Profile PCI Product
MemoLink	
LPC-492103	High-Speed Load-Sharing Memolink Master Low Profile PCI Product
LPC-492104	High-Speed Load-Sharing Memolink Slave Low Profile PCI Product
LPC-493103	3-Meter Signaling Mode Memolink Master Low Profile PCI Product
LPC-493104	3-Meter Signaling Mode Memolink Terminator Slave Low Profile PCI Product
LPC-493109	3-Meter Signaling Mode Memolink Extender Slave Low Profile PCI Product

Information in this document is subject to change without prior notice.

Interface Amita Solutions

We distribute Interface products to all over the world. Please feel free to contact us for any questions.

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