




New PCI Express 128-Channel DIO Boards





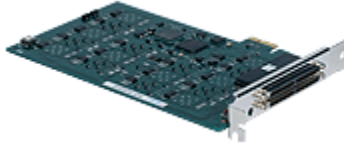

Interface Corporation has added PCI Express 128-channel DIO boards to its PCI Express product line. Interface Corporation is a manufacturer of industrial computer and interface modules; it has been manufacturing over 400 different PCI and PCI Express boards since 1997. The new PCI Express 128-channel DIO boards are an ideal replacement for conventional PCI boards in response to industry's trend shifting from PCI to PCI Express boards.



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128-Channel DIO PCI Express Series								
Please click each product photo to view the datasheet.								
PEX-H225020			PEX-H285011			PEX-H235002		
Isolated 128-Channel Digital Input +12 Vdc to +24 Vdc			Isolated 64-Channel Digital Input and 64-Channel Digital Output +12 Vdc to +24 Vdc/100mA			Isolated 128-Channel Digital Output +12 Vdc to +24 Vdc/100mA		
								
Digital Input			Digital Input			Digital Input		
Photo-isolated input (source type)	Input voltage range +12 Vdc to +24 Vdc	Input current range 2mA to 4.1mA	Photo-isolated input (source type)	Input voltage range +12 Vdc to +24 Vdc	Input current range 2mA to 4.1mA	N/A		
Common isolation	Input response time 80µs	128 channels	Common isolation	Input response time 80µs	64 channels			
Digital Output			Digital Output			Digital Output		
N/A			High-current drive open-collector output (sink type)	Output voltage range +12 Vdc to +24 Vdc	100mA (Max)	High-current drive open-collector output (sink type)	Output voltage range +12 Vdc to +24 Vdc	100mA (Max)
			Common Isolation	Output response time 65µs	64 channels	Common Isolation	Output response time 65µs	128 channels

PEX-H224020			PEX-H284011			PEX-H234002		
Isolated 128-Channel Digital Input +5 Vdc to +24 Vdc (On-board Isolated Power Supply)			Isolated 64-Channel Digital Input and 64-Channel Digital Output +5 Vdc to +24 Vdc/100mA (On-board Isolated Power Supply)			Isolated 128-Channel Digital Output +5 Vdc to +24 Vdc/100mA		
								
Digital Input			Digital Input			Digital Input		
Photo-isolated high-voltage input (source type)	Wide input voltage range +5 Vdc to +24 Vdc	Input current 4.7mA	Photo-isolated high-voltage input (source type)	Wide input voltage range +5 Vdc to +24 Vdc	Input current 4.7mA	N/A		
Isolation	Input response time 60µs	128 channels	Isolation	Input response time 60µs	64 channels			
Digital Output			Digital Output			Digital Output		
N/A			High-current drive open-collector output (sink type)	Wide output voltage range +5 Vdc to +24 Vdc	100mA (Max)	High-current drive open-collector output (sink type)	Wide output voltage range +5 Vdc to +24 Vdc	100mA (Max)
			Isolation	Output response time 150µs	64 channels	Isolation	Output response time 150µs	128 channels
PEX-H291022			PEX-H292022			PEX-H293022		
128-Channel TTL Digital Input/Output			128-Channel LVTTTL Digital Input/Output			128-Channel CMOS Digital Input/Output +5 Vdc to +24 Vdc/40mA		
								
Digital Input			Digital Input			Digital Input		
Schmidt trigger TTL Input	Input voltage +5 Vdc	Input current 1.2mA	Schmidt trigger LVTTTL input	Input voltage +3.3 Vdc to +5 Vdc	Input current 0.8mA	CMOS-gated high-voltage input	Wide input voltage range +5 Vdc to +24 Vdc	Input current 1.1mA
	Input response time 0.1µs	128 channels (bi-direction)		Input response time 0.1µs	128 channels (bi-direction)		Input response time 0.1µs	128 channels (bi-direction)
Digital Output			Digital Output			Digital Output		
TTL open-collector output	Output voltage +5 Vdc	Output current 40mA (Max.)	LVTTTL open-collector output	Output voltage +3.3 Vdc	Output current 40mA (Max.)	TTL open-collector output	Wide output voltage range +5 Vdc to +24 Vdc	Output current 40mA (Max)
	Output response time 1µs	128 channels (bi-direction)		Output response time 1µs	128 channels (bi-direction)		Output response time 1µs	128 channels (bi-direction)

Interface will continued to add new boards to the PCI Express Product line.

Interface Amita Solutions, Inc. is the sole subsidiary and only global distributor for Interface Corporation. For purchasing, worldwide shipment of Interface products, or if you have any questions about Interface products and maintenance services, please [contact us today](#).

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