

# Digital Input/Output Cards

Interface	Type	Digital Input		Digital Output			DIO Update	Timer/Counter	Model Number	
		Range	No. of Channels	No. of Channels	Range	Driver Type	Update Rate(Max.)			
USB	Isolated DIO	0-24 V	16-CH	16-CH	5-35 V	Power MOSFET		2-CH/32-Bit	USB-7230	
	Relay DO	Isolated	8-CH	8-CH	30 V <sub>DC</sub> , 2A 125V <sub>AC</sub> , 0.5A	Relay			USB-7250	
PCI/PCI Express®	High-Density Isolated DIO	0-28 V Isolated	128-CH						PCI-7443	
			64-CH	64-CH	5-40V	Power MOSFET		PCI-7442		
				128-CH					PCI-7444	
	Isolated DIO	0-24 V Isolated	64-CH						PCI-7433	
			32-CH		32-CH	5-35V	Darlington		PCI-7233	
			16-CH	16-CH					PCI-7432, PCIe-7432	
			64-CH						PCI/LPCI/LPCle-7230	
			32-CH	32-CH					PCI-7433HIR <sup>(3)</sup>	
					32-CH	32-CH	5-35V	Darlington		PCI-7432HIR, PCIe-7432HIR <sup>(3)</sup>
	Relay DO	0-24 V Isolated	2-CH	32-CH		350 V, 0.12 A	PhotoMos Relay		PCI-7434	
			16-CH	16-CH		125 V <sub>AC</sub> , 0.5 A 30 V <sub>DC</sub> , 1 A	Latching Relay		PCI-7234	
					8-CH	8-CH	250 V <sub>AC</sub> , 5 A 30 V <sub>DC</sub> , 5 A	High-Power Relay		PCI-7258
							120 V <sub>AC</sub> , 0.5 A 24 V <sub>DC</sub> , 1 A	Relay		PCI-7256, PCIe-7256
										PCI-7260
	High-Speed DIO	1.8V/2.5V/3.3V SW Selectable	32-CH S/W Programmable		1.8V/2.5V/3.3V SW Selectable			200 MB/s	PCI/LPCI/LPCle-7250	
						400 MB/s	PCIe-7350			
TTL DIO	5 V TTL	32-CH	32-CH				80 MB/s	PCIe-7360		
				96-CH S/W Programmable				PCI/PCIe-7300A		
				48-CH S/W Programmable	5 V TTL			PCI/PCIe-7200		
				24-CH S/W Programmable				PCI-7396		
								PCI/PCIe-7296 <sup>(1)</sup>		
Timer/Counter		8-CH	8-CH				10-CH/16-Bit	PCI-7248 <sup>(1)</sup>		
CompactPCI®	Isolated DIO	0-24 V Isolated	64-CH						PCI-7224 <sup>(1)</sup>	
			32-CH	32-CH	5-35 V	Darlington		cPCI-7433		
				64-CH				cPCI-7432		
	Relay DO	0-24 V Isolated	16-CH	8-CH	120 V <sub>AC</sub> , 0.5 A 24 V <sub>DC</sub> , 1 A	Relay		cPCI-7434		
	High-Speed DIO		32-CH S/W Programmable				80 MB/s	cPCI-7252		
	TTL DIO	0-24 V	48-CH S/W Programmable		5 V TTL			cPCI-7300		
Timer/Counter		8-CH	8-CH				1-CH/32-Bit Timer & 64-Bit Counter	cPCI-7248		
							10-CH/16-Bit	cPCI-8554		