

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 VDC, 2A 125VAC, 0.5A	Relay			USB-7250
PCI/PCI Express®	High-Density Isolated DIO	0-28 V	128-CH						PCI-7443
		Isolated	64-CH	64-CH	5-40V	Power MOSFET		PCI-7442	
	Isolated DIO	0-24 V	64-CH						PCI-7444
			32-CH	32-CH					PCI-7433
		Isolated	16-CH	16-CH	5-35V	Darlington		PCI-7233	
		0-50 V	64-CH						PCI-7432, PCIe-7432
			Isolated	32-CH	32-CH				PCI/LPCI/LPCle-7230
				64-CH	64-CH	5-35V	Darlington		PCI-7433HIR ⁽³⁾
	Relay DO	0-24 V	2-CH	32-CH	350 V, 0.12 A	PhotoMos Relay			PCI-7432HIR, PCIe-7432HIR ⁽³⁾
			16-CH	16-CH	125 VAC, 0.5 A 30 VDC, 1 A	Latching Relay			PCI-7434
		Isolated	8-CH	8-CH	250 VAC, 5 A 30 VDC, 5 A	High-Power Relay			PCI-7234
					120 VAC, 0.5 A 24 VDC, 1 A	Relay			PCI-7258
									PCI-7256, PCIe-7256
	High-Speed DIO	1.8V/2.5V/3.3V SW Selectable	32-CH S/W Programmable	32-CH S/W Programmable	1.8V/2.5V/3.3V SW Selectable			200 MB/s	PCI-7350
								400 MB/s	PCIe-7360
80 MB/s								PCIe-7300A	
12 MB/s								PCI/PCIe-7200	
TTL DIO	5 V TTL	32-CH S/W Programmable	32-CH	32-CH	5 V TTL			PCI-7396	
			96-CH S/W Programmable					PCI/PCIe-7296 ⁽¹⁾	
			48-CH S/W Programmable					PCI/PCIe-7248 ⁽¹⁾	
			24-CH S/W Programmable					PCI-7224 ⁽¹⁾	
Timer/Counter		8-CH	8-CH				10-CH/16-Bit	PCI-8554	
CompactPCI®	Isolated DIO	0-24 V	64-CH					cPCI-7433	
		Isolated	32-CH	32-CH	5-35 V	Darlington		cPCI-7432	
	Relay DO	0-24 V	16-CH	8-CH	120 VAC, 0.5 A 24 VDC, 1 A	Relay			cPCI-7434
			Isolated						cPCI-7252
	High-Speed DIO		32-CH S/W Programmable				80 MB/s	cPCI-7300	
	TTL DIO	0-24 V	48-CH S/W Programmable		5 V TTL			1-CH/32-Bit Timer & 64-Bit Counter	cPCI-7248
Timer/Counter		8-CH	8-CH				10-CH/16-Bit	cPCI-8554	

Note: (1) Opto-22 compatible (2) with 6U Eurocard form factor (3) HIR: High input range