

Device Name	Number of Analog Input Channels		Analog Input Resolution (Bit)	Number of Analog Output Channels	Analog Output Resolution (Bit)	Number of Digital I/O Channels			Number of Encoder Input Channels	Encoder Count Value (Bit)	Number of PWM Output Channels	PWM Resolution (Bit)
	Single-Ended	Differential				Bidirectional	Input-Only	Output-Only				
QUANSER DAQ DEVICES												
QPIDe	8	8	16	8	16	56	0	0	8 quadrature with full encoder velocities	24	8	16
Q8-USB	8	0	16	8	16	0	8	8	8 quadrature with encoder velocities	24	8	16
Q2-USB	2	0	12	2	12	8	0	0	2 quadrature	16	2	16
Controls Board	1	0	16	1	16	0	0	1	2 quadrature	32	1	11
NATIONAL INSTRUMENTS™ DAQ DEVICES												
NI ELVIS III	16	8	16	4	16	40	0	0	20	32	40	16
NI DAQCard-6024e	16	8	12	2	12	8	0	0	2	24	2	24
NI DAQCard-6062e	16	8	12	2	12	8	0	0	2	24	2	24
NI DAQCard-6715	0	0	N/A	8	12	8	0	0	2	24	2	24
NI myRIO	8	2	12	6	12	40	0	0	4	32	8	16
NI PCI-6014	16	8	16	2	16	0	8	8	2	32	2	32
NI PCI-6023e	16	8	12	0	N/A	8	0	0	2	24	2	24
NI PCI-6024e	16	8	12	2	12	8	0	0	2	24	2	24
NI PCI-6025e	16	8	12	2	12	32	0	0	2	24	2	24
NI PCI-6032e	16	8	16	0	N/A	8	0	0	2	24	2	24
NI PCI-6034e	16	8	16	0	N/A	8	0	0	2	24	2	24
NI PCI-6035e	16	8	16	2	16	8	0	0	2	24	2	24
NI PCI-6036e	16	8	16	2	16	8	0	0	2	24	2	24
NI PCI-6040e	16	8	12	2	12	8	0	0	2	24	2	24
NI PCI-6052e	16	8	16	2	16	8	0	0	2	24	2	24
NI PCI-6220	16	8	16	0	N/A	24	0	0	2	32	2	32
NI PCI-6221	16	8	16	2	16	24	0	0	2	32	2	32
NI PCI-6221 (37 pin)	16	8	16	2	16	10	0	0	2	32	2	32
NI PCI-6224	32	16	16	0	N/A	48	0	0	2	32	2	32
NI PCI-6225	80	40	16	2	16	24	0	0	2	32	2	32
NI PCI-6229	32	16	16	4	16	48	0	0	2	32	2	32
NI PCI-6230	8	4	16	4	16	0	6	4	2	32	2	32
NI PCI-6232	16	8	16	2	16	0	6	4	2	32	2	32
NI PCI-6233	16	8	16	2	16	0	6	4	2	32	2	32
NI PCI-6236	0	4	16	4	16	0	6	4	2	32	2	32
NI PCI-6238	0	8	16	2	16	0	6	4	2	32	2	32
NI PCI-6239	0	8	16	2	16	0	6	4	2	32	2	32
NI PCI-6250	16	8	16	0	N/A	24	0	0	2	32	2	32
NI PCI-6251	16	8	16	2	16	24	0	0	2	32	2	32
NI PCIe-6251	16	8	16	2	16	24	0	0	2	32	2	32
NI PCI-6254	32	16	16	0	N/A	48	0	0	2	32	2	32
NI PCI-6255	80	40	16	2	16	24	0	0	2	32	2	32
NI PCI-6259	32	16	16	4	16	48	0	0	2	32	2	32
NI PCIe-6259	32	16	16	4	16	48	0	0	2	32	2	32
NI PCI-6280	16	8	18	0	N/A	24	0	0	2	32	2	32
NI PCI-6281	16	8	18	2	18	24	0	0	2	32	2	32
NI PCI-6284	32	16	18	0	N/A	48	0	0	2	32	2	32
NI PCI-6289	32	16	18	4	18	48	0	0	2	32	2	32
NI PCIe-6321	16	8	16	2	16	8	8	8	4	32	4	32
NI PCIe-6341	16	8	16	2	16	8	8	8	4	32	4	32
NI PCIe-6351	16	8	16	2	16	8	8	8	4	32	4	32
NI PCIe-6353	32	16	16	4	16	32	8	8	4	32	4	32
NI PCI-6711	0	0	N/A	4	12	8	0	0	2	24	2	24
NI PCI-6713	0	0	N/A	8	12	8	0	0	2	24	2	24
NI PCI-6722	0	0	N/A	8	13	8	0	0	2	24	2	24
NI PCI-6723	0	0	N/A	32	13	8	0	0	2	4	2	24
NI PCI-6731	0	0	N/A	4	16	8	0	0	2	24	2	24
NI PCI-6733	0	0	N/A	8	16	8	0	0	2	24	2	24
NI USB-6210	16	8	16	0	N/A	0	4	4	2	32	2	32
NI USB-6211	16	8	16	2	16	0	4	4	2	32	2	32
NI USB-6215	16	8	16	2	16	0	4	4	2	32	2	32
NI USB-6251	16	8	16	2	16	24	0	0	2	32	2	32