

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				
<b>QUANSER DAQ DEVICES</b>												
QPID	8	8	16	8	16	56	0	0	8 quadrature with non-quadrature encoder velocities	24	8	16
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
<b>NATIONAL INSTRUMENTS DAQ DEVICES</b>												
DAQCard-6024e	16	8	12	2	12	8	0	0	2	24	2	24
DAQCard-6062e	16	8	12	2	12	8	0	0	2	24	2	24
DAQCard-6715	0	0		8	12	8	0	0	2	24	2	24
PCI-6014	16	8	16	2	16	0	8	8	2	32	2	32
PCI-6023e	16	8	12	0	12	8	0	0	2	24	2	24
PCI-6024e	16	8	12	2	12	8	0	0	2	24	2	24
PCI-6025e	16	8	12	2	12	32	0	0	2	24	2	24
PCI-6032e	16	8	16	0	16	8	0	0	2	24	2	24
PCI-6034e	16	8	16	0	16	8	0	0	2	24	2	24
PCI-6035e	16	8	16	2	16	8	0	0	2	24	2	24
PCI-6036e	16	8	16	2	16	8	0	0	2	24	2	24
PCI-6040e	16	8	12	2	12	8	0	0	2	24	2	24
PCI-6052e	16	8	16	2	16	8	0	0	2	24	2	24
PCI-6220	16	8	16	0	16	24	0	0	2	32	2	32
PCI-6221	16	8	16	2	16	24	0	0	2	32	2	32
PCI-6221 [37 pin]	16	8	16	2	16	10	0	0	2	32	2	32
PCI-6224	32	16	16	0	16	48	0	0	2	32	2	32
PCI-6225	80	40	16	2	16	24	0	0	2	32	2	32
PCI-6229	32	16	16	4	16	48	0	0	2	32	2	32
PCI-6230	8	4	16	4	16	0	6	4	2	32	2	32
PCI-6232	16	8	16	2	16	0	6	4	2	32	2	32
PCI-6233	16	8	16	2	16	0	6	4	2	32	2	32
PCI-6236	0	4	16	4	16	0	6	4	2	32	2	32
PCI-6238	0	8	16	2	16	0	6	4	2	32	2	32
PCI-6239	0	8	16	2	16	0	6	4	2	32	2	32
PCI-6250	16	8	16	0	16	24	0	0	2	32	2	32
PCI-6251	16	8	16	2	16	24	0	0	2	32	2	32
PCIe-6251	16	8	16	2	16	24	0	0	2	32	2	32
PCI-6254	32	16	16	0	16	48	0	0	2	32	2	32
PCI-6255	80	40	16	2	16	24	0	0	2	32	2	32
PCI-6259	32	16	16	4	16	48	0	0	2	32	2	32
PCIe-6259	32	16	16	4	16	48	0	0	2	32	2	32
PCI-6280	16	8	18	0	18	24	0	0	2	32	2	32
PCI-6281	16	8	18	2	18	24	0	0	2	32	2	32
PCI-6284	32	16	18	0	18	48	0	0	2	32	2	32
PCI-6289	32	16	18	4	18	48	0	0	2	32	2	32
PCIe-6321	16	8	16	2	16	8	8	8	4	32	4	32
PCIe-6341	16	8	16	2	16	8	8	8	4	32	4	32
PCIe-6351	16	8	16	2	16	8	8	8	4	32	4	32
PCIe-6353	32	16	16	4	16	32	8	8	4	32	4	32
PCI-6711	0	0	N/A	4	12	8	0	0	2	24	2	24
PCI-6713	0	0	N/A	8	12	8	0	0	2	24	2	24
PCI-6722	0	0	N/A	8	13	8	0	0	2	24	2	24
PCI-6723	0	0	N/A	32	13	8	0	0	2	4	2	24
PCI-6731	0	0	N/A	4	16	8	0	0	2	24	2	24
PCI-6733	0	0	N/A	8	16	8	0	0	2	24	2	24
USB-6211	16	8	16	2	16	0	4	4	2	32	2	32
USB-6215	16	8	16	2	16	0	4	4	2	32	2	32
USB-6251	16	8	16	2	16	24	0	0	2	32	2	32