

| Manufacturer/Model                                | Nº Analog input                   | Type of analog inputs | Voltage range                         | Sampling rate (/ch indicates simultaneous sampling) | Output resolution | Communication Interface   |
|---|-----------------------------------|-----------------------|---------------------------------------|---|-------------------|---|
| National Instruments - NI 9213                    | 16                                | Voltage/Current       | ±60 V, ±15 V, ±4 V, ±1 V, ±125 mV     | 1,2kS/s/ch  | 24 bits           | Connection to NI Chassis  |
| National Instruments - NI 9219                    | 4                                 | Voltage/Current       | ±60 V, ±15 V, ±4 V, ±1 V, ±125 mV     | 100S/s/ch   | 24 bits           | Connection to NI Chassis  |
| National Instruments - NI 4462                    | 4                                 | Voltage               | ±42 V to 316 mV                       | 204,8kS/s/ch  | 24 bits           | PXI, PCI  |
| National Instruments - NI 4495                    | 16                                | Voltage               | ±10 to 1 V                            | 204,8kS/s/ch  | 24 bits           | PXI   |
| National Instruments - NI 4496                    | 16                                | Voltage               | ±10 to 1 V                            | 204,8kS/s/ch  | 24 bits           | PXI, PXI express  |
| National Instruments - NI 4498                    | 16                                | Voltage               | ±10 V to 316 mV                       | 204,8kS/s/ch  | 24 bits           | PXI, PXI express  |
| National Instruments - NI 4472                    | 8                                 | Voltage               | ±10 V                                 | 102,4kS/s/ch  | 24 bits           | PXI, PCI  |
| NI PCI-6143                                       | 8                                 | Voltage               | ±5 V                                  | 250 kS/s/ch   | 16 bits           | PCI   |
| National Instruments - NI 9233                    | 4                                 | Voltage               | ±5 V                                  | 50kS/s/ch   | 24 bits           | USB   |
| National Instruments - NI 9234                    | 4                                 | Voltage               | ±5 V                                  | 51,2kS/s/ch   | 24 bits           | USB, Wi-Fi  |
| NI USB-6356                                       | 8                                 | Voltage               | ±10 V                                 | 1.25MS/s/ch   | 16 bits           | USB   |
| National Instruments - NI 4432                    | 5                                 | 1 Voltage             | ±40 V                                 | 102,4kS/s/ch  | 24 bits           | USB   |
| National Instruments - NI 4431                    | 4                                 | 1 Voltage             | ±10 V                                 | 102,4kS/s/ch  | 24 bits           | USB   |
| National Instruments - NI PCIE-7841R              | 8                                 | Voltage               | ±10 V                                 | 200kS/s/ch  | 16 bits           | PCI Express V1.0  |
| Advantech PCI-1714U                               | 4                                 | Voltage               | ±5, ±2.5, ±1, ±0.5                    | 30MS/s/ch   | 12 bits           | Universal PCI V2.2  |
| Advantech PCI-1714UL                              | 4                                 | Voltage               | ±5, ±2.5, ±1, ±0.5                    | 10MS/s/ch   | 12 bits           | PCI Express V1.0  |
| Advantech PCIE-1744                               | 4                                 | Voltage               | ±5, ±2.5, ±1, ±0.5                    | 30MS/s/ch   | 12 bits           | Universal PCI V2.2  |
| ADLINK TECH PXI/DAQ/DAQe-2010                     | 4                                 | Voltage               | ±1.25 V to ±10 V                      | 2MS/s/ch  | 14 bits           | 32-bit 3.3 V or 5 V PCI bus, x1 lane PCI Express®, PXI specification Rev. 2.2 |
| ADLINK TECH USB-2401                              | 4                                 | Voltage/Current       | ± 25 V, ± 12.5 V, ± 2.5 V, ± 312.5 mV | 2kS/s/ch  | 24 bits           | USB   |
| National Instruments - NI 9229 Measurement System | 4                                 | Voltage               | ±60 V                                 | 50kS/s/ch   | 24 bits           | USB, Ethernet, and Wi-Fi  |
| National Instruments - NI 9215 Measurement System | 4                                 | Voltage               | ±10 V                                 | 100kS/s/ch  | 16 bits           | USB, Ethernet, and Wi-Fi  |
| National Instruments - NI 9223 Measurement System | 4                                 | Voltage               | ±10 V                                 | 1MS/s/ch  | 16 bits           | USB, Ethernet, and Wi-Fi  |
| National Instruments - NI 9239 Measurement System | 4                                 | Voltage               | ±10 V                                 | 50kS/s/ch   | 24 bits           | USB, Ethernet, and Wi-Fi  |
| National Instruments - NI PCIE-6251               | 16 single-ended<br>8 differential | Voltage               | ±10 V                                 | 1.25MS/s  | 16 bits           | PCI Express   |
| National Instruments - NI USB-6210                | 16 single-ended<br>8 differential | Voltage               | ±10 V                                 | 250k/S  | 16 bits           | USB   |
| ADLINK /DAQe-2005                                 | 4                                 | Voltage               | ±1.25 V to ±10 V                      | 500kS/s with sim. sampl.                            | 16 bits           | PCI express   |
| ADLINK /DAQe-2006                                 | 4                                 | Voltage               | ±1.25 V to ±10 V                      | 250kS/s with sim. sampl.                            | 16 bits           | PCI express   |