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Multifunction I/O Device



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Provides combinations of analog I/O, digital I/O, and counter/timer functionality in a single device for computer-based systems.

The Multifunction I/O Device features I/O with varying channels, sample rates, output rates, and other features to meet many common measurement requirements. You can use the device for industry applications such as laboratory automation, research, and design verification. The included DAQExpress companion software provides basic measurement and analysis, while the included NI-DAQmx driver provides the ability to create customized automated measurement and control applications. NI-DAQmx supports NI programming environments as well as Python, ANSI C, C#.NET, and MathWorks MATLAB® software.

[Learn more about the Multifunction I/O Device](#)

Select Product Item

Add Options

Add Software



Unit price does not include Import duty, VAT, or Sales Tax.

81 Results | [Download This Data as CSV](#)

Sort by Model ▾ Ascending ▾

Model	Price	Bus Connector ⁱ	Maximum Number of Single-Ended Analog Input Channels ⁱ	Maximum Number of Differential Analog Input Channels ⁱ	Simultaneous Sampling ⁱ	Maximum Sample Rate ⁱ	Analog Input Resolution ⁱ	Analog Input Absolute Accuracy
COMPARE (0)		Select ▾	Select ▾	Select ▾	Select ▾	Select ▾	Select ▾	Select
<input type="checkbox"/> PCI-6111	INR 294,200.00	PCI	0	2	Yes	5 MS/s/ch	12 bits	252 mV
<input type="checkbox"/> PCI-6115	INR 458,800.00	PCI	0	4	Yes	10 MS/s/ch	12 bits	184 mV
<input type="checkbox"/> PCI-6122	INR 229,800.00	PCI	0	4	Yes	500 kS/s/ch	16 bits	4960 µV
<input type="checkbox"/> PCI-6123	INR 321,100.00	PCI	0	8	Yes	500 kS/s/ch	16 bits	4960 µV
<input type="checkbox"/> PCI-6221	INR 80,100.00	PCI	16	8	No	250 kS/s	16 bits	3100 µV
<input type="checkbox"/> PCI-6221	INR 80,100.00	PCI	16	8	No	250 kS/s	16 bits	3100 µV
<input type="checkbox"/> PCI-6225	INR 155,600.00	PCI	80	40	No	250 kS/s	16 bits	3100 µV
<input type="checkbox"/> PCI-6229	INR 111,100.00	PCI	32	16	No	250 kS/s	16 bits	3 mV
<input type="checkbox"/> PCI-6255	INR 265,900.00	PCI	80	40	No	1.25 MS/s	16 bits	1920 µV
<input type="checkbox"/> PCI-6281	INR 211,200.00	PCI	16	8	No	625 kS/s	18 bits	980 µV
<input type="checkbox"/> PCI-6289	INR 248,900.00	PCI	32	16	No	625 kS/s	18 bits	980 µV
<input type="checkbox"/> PCIe-6320	INR 59,500.00	PCI Express	16	8	No	250 kS/s	16 bits	2200 µV

<input type="checkbox"/>	PCIe-6321	INR 70,700.00	PCI Express	16	8	No	250 kS/s	16 bits	2200 µV
<input type="checkbox"/>	PCIe-6323	INR 98,300.00	PCI Express	32	16	No	250 kS/s	16 bits	2200 µV
<input type="checkbox"/>	PCIe-6341	INR 98,300.00	PCI Express	16	8	No	500 kS/s	16 bits	2190 µV
<input type="checkbox"/>	PCIe-6343	INR 128,100.00	PCI Express	32	16	No	500 kS/s	16 bits	2190 µV
<input type="checkbox"/>	PCIe-6346	INR 202,500.00	PCI Express	0	8	Yes	500 kS/s/ch	16 bits	3225 µV
<input type="checkbox"/>	PCIe-6351	INR 128,100.00	PCI Express	16	8	No	1.25 MS/s	16 bits	1520 µV
<input type="checkbox"/>	PCIe-6353	INR 171,500.00	PCI Express	32	16	No	1.25 MS/s	16 bits	1520 µV
<input type="checkbox"/>	PCIe-6361	INR 151,500.00	PCI Express	16	8	No	2 MS/s	16 bits	1660 µV
<input type="checkbox"/>	PCIe-6363	INR 195,600.00	PCI Express	32	16	No	2 MS/s	16 bits	1660 µV
<input type="checkbox"/>	PCIe-6374	INR 229,500.00	PCI Express	0	4	Yes	3.57 MS/s/ch	16 bits	2688 µV
<input type="checkbox"/>	PCIe-6376	INR 399,200.00	PCI Express	0	8	Yes	3.57 MS/s/ch	16 bits	2690 µV
<input type="checkbox"/>	USB-6000	INR 16,700.00	USB 2.0	8	0	No	10 kS/s	12 bits	26 mV
<input type="checkbox"/>	USB-6000	INR 16,700.00	USB 2.0	8	0	No	10 kS/s	12 bits	26 mV
<input type="checkbox"/>	USB-6001	INR 21,000.00	USB 2.0	8	4	No	20 kS/s	14 bits	26 mV
<input type="checkbox"/>	USB-6002	INR 41,700.00	USB 2.0	8	4	No	50 kS/s	16 bits	26 mV
<input type="checkbox"/>	USB-6003	INR 55,100.00	USB 2.0	8	4	No	100 kS/s	16 bits	26 mV
<input type="checkbox"/>	USB-6210	INR 71,800.00	USB 2.0	16	8	No	250 kS/s	16 bits	2960 µV
<input type="checkbox"/>	USB-6211	INR 97,300.00	USB 2.0	16	8	No	250 kS/s	16 bits	2690 µV
<input type="checkbox"/>	USB-6212	INR 128,700.00	USB 2.0	16	8	No	400 kS/s	16 bits	2710 µV
<input type="checkbox"/>	USB-6212	INR 128,700.00	USB 2.0	16	8	No	400 kS/s	16 bits	2710 µV
<input type="checkbox"/>	USB-6212	INR 176,400.00	USB 2.0	16	8	No	400 kS/s	16 bits	2710 µV
<input type="checkbox"/>	USB-6215	INR 128,700.00	USB 2.0	16	8	No	250 kS/s	16 bits	2690 µV
<input type="checkbox"/>	USB-6216	INR 153,400.00	USB 2.0	16	8	No	400 kS/s	16 bits	2710 µV
<input type="checkbox"/>	USB-6216	INR 153,400.00	USB 2.0	16	8	No	400 kS/s	16 bits	2710 µV
<input type="checkbox"/>	USB-6216	INR 207,900.00	USB 2.0	16	8	No	400 kS/s	16 bits	2710 µV
<input type="checkbox"/>	USB-6218	INR 153,400.00	USB 2.0	32	16	No	250 kS/s	16 bits	2690 µV
<input type="checkbox"/>	USB-6218	INR 207,900.00	USB 2.0	32	16	No	250 kS/s	16 bits	2690 µV
<input type="checkbox"/>	USB-6255	INR 336,500.00	USB 2.0	80	40	No	1.25 MS/s	16 bits	1920 µV
<input type="checkbox"/>	USB-6255	INR 336,500.00	USB 2.0	80	40	No	1.25 MS/s	16 bits	1920 µV
<input type="checkbox"/>	USB-6255	INR 336,500.00	USB 2.0	80	40	No	1.25 MS/s	16 bits	1920 µV
<input type="checkbox"/>	USB-6255	INR 336,500.00	USB 2.0	80	40	No	1.25 MS/s	16 bits	1920 µV
<input type="checkbox"/>	USB-6281	INR 249,800.00	USB 2.0	16	8	No	625 kS/s	18 bits	980 µV
<input type="checkbox"/>	USB-6281	INR 249,800.00	USB 2.0	16	8	No	625 kS/s	18 bits	980 µV

<input type="checkbox"/>	USB-6281	INR 249,800.00	USB 2.0	16	8	No	625 kS/s	18 bits	980 µV
<input type="checkbox"/>	USB-6281	INR 249,800.00	USB 2.0	16	8	No	625 kS/s	18 bits	980 µV
<input type="checkbox"/>	USB-6281	INR 249,800.00	USB 2.0	16	8	No	625 kS/s	18 bits	980 µV
<input type="checkbox"/>	USB-6289	INR 318,700.00	USB 2.0	32	16	No	625 kS/s	18 bits	980 µV
<input type="checkbox"/>	USB-6289	INR 318,700.00	USB 2.0	32	16	No	625 kS/s	18 bits	980 µV
<input type="checkbox"/>	USB-6289	INR 318,700.00	USB 2.0	32	16	No	625 kS/s	18 bits	980 µV
<input type="checkbox"/>	USB-6289	INR 318,700.00	USB 2.0	32	16	No	625 kS/s	18 bits	980 µV
<input type="checkbox"/>	USB-6289	INR 318,700.00	USB 2.0	32	16	No	625 kS/s	18 bits	980 µV
<input type="checkbox"/>	USB-6341	INR 124,200.00	USB 2.0	16	8	No	500 kS/s	16 bits	2190 µV
<input type="checkbox"/>	USB-6341	INR 135,600.00	USB 2.0	16	8	No	500 kS/s	16 bits	2190 µV
<input type="checkbox"/>	USB-6341	INR 204,600.00	USB 2.0	16	8	No	500 kS/s	16 bits	2190 µV
<input type="checkbox"/>	USB-6343	INR 174,900.00	USB 2.0	32	16	No	500 kS/s	16 bits	2190 µV
<input type="checkbox"/>	USB-6343	INR 184,500.00	USB 2.0	32	16	No	500 kS/s	16 bits	2190 µV
<input type="checkbox"/>	USB-6343	INR 255,500.00	USB 2.0	32	16	No	500 kS/s	16 bits	2190 µV
<input type="checkbox"/>	USB-6346	INR 255,200.00	USB 2.0	0	8	Yes	500 kS/s/ch	16 bits	3225 µV
<input type="checkbox"/>	USB-6346	INR 255,200.00	USB 2.0	0	8	Yes	500 kS/s/ch	16 bits	3225 µV
<input type="checkbox"/>	USB-6349	INR 588,700.00	USB 2.0	0	32	Yes	500 kS/s/ch	16 bits	3225 µV
<input type="checkbox"/>	USB-6351	INR 178,900.00	USB 2.0	16	8	No	1.25 MS/s	16 bits	1520 µV
<input type="checkbox"/>	USB-6353	INR 245,300.00	USB 2.0	32	16	No	1.25 MS/s	16 bits	1520 µV
<input type="checkbox"/>	USB-6356	INR 381,400.00	USB 2.0	0	8	Yes	1.25 MS/s/ch	16 bits	2688 µV
<input type="checkbox"/>	USB-6356	INR 392,400.00	USB 2.0	0	8	Yes	1.25 MS/s/ch	16 bits	2688 µV
<input type="checkbox"/>	USB-6356	INR 439,800.00	USB 2.0	0	8	Yes	1.25 MS/s/ch	16 bits	2688 µV
<input type="checkbox"/>	USB-6356	INR 451,900.00	USB 2.0	0	8	Yes	1.25 MS/s/ch	16 bits	2688 µV
<input type="checkbox"/>	USB-6361	INR 178,400.00	USB 2.0	16	8	No	2 MS/s	16 bits	1660 µV
<input type="checkbox"/>	USB-6361	INR 190,200.00	USB 2.0	16	8	No	2 MS/s	16 bits	1660 µV
<input type="checkbox"/>	USB-6361	INR 202,200.00	USB 2.0	16	8	No	2 MS/s	16 bits	1660 µV
<input type="checkbox"/>	USB-6361	INR 249,800.00	USB 2.0	16	8	No	2 MS/s	16 bits	1660 µV



Model: USB-6361

Part Number: 782255-01

[Datasheet & Specifications](#)

INR 249,800.00

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<input type="checkbox"/>	USB-6363	INR 237,800.00	USB 2.0	32	—	No	2 MS/s	16 bits	1660 µV
<input type="checkbox"/>	USB-6363	INR 257,900.00	USB 2.0	32	16	No	2 MS/s	16 bits	1660 µV

<input type="checkbox"/>	USB-6363	INR 270,100.00	USB 2.0	32	16	No	2 MS/s	16 bits	1660 μ V
<input type="checkbox"/>	USB-6363	INR 317,700.00	USB 2.0	32	16	No	2 MS/s	16 bits	1660 μ V
<input type="checkbox"/>	USB-6366	INR 487,500.00	USB 2.0	0	8	Yes	2 MS/s/ch	16 bits	2688 μ V
<input type="checkbox"/>	USB-6366	INR 511,000.00	USB 2.0	0	8	Yes	2 MS/s/ch	16 bits	2688 μ V
<input type="checkbox"/>	USB-6366	INR 535,300.00	USB 2.0	0	8	Yes	2 MS/s/ch	16 bits	2688 μ V
<input type="checkbox"/>	USB-6366	INR 535,300.00	USB 2.0	0	8	Yes	2 MS/s/ch	16 bits	2688 μ V
<input type="checkbox"/>	USB-6366	INR 594,800.00	USB 2.0	0	8	Yes	2 MS/s/ch	16 bits	2688 μ V

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