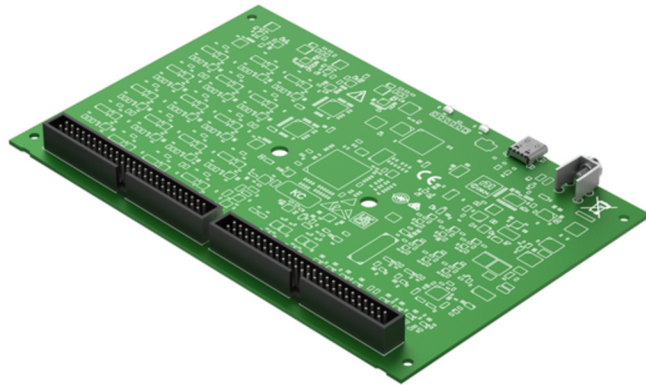


NI mioDAQ (OEM)



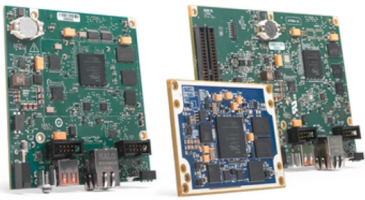
- Bus-powered, board-level DAQ device designed for OEM applications
- Up to 32 AI channels, 16 DIO pins, and four counters
- Up to 1 MS/s/ch AI (16 channels)
- 2- and 10-year calibration intervals
- NI's trusted quality for accurate, repeatable measurements
- Drivers for C/C++, Python, VB.NET and LabVIEW



Choose Your OEM mioDAQ Device

	Lowest Cost	More Channels	Simultaneous Sampling	Highest Performance
mioDAQ model	USB-6421 (OEM)	USB-6423 (OEM)	USB-6451 (OEM)	USB-6453 (OEM)
Part Number	789885-01	789886-01	789889-01	789883-01
Analog Input Channels (Single-ended/Differential)	16/8	32/16	16/8	32 /16
Maximum Sampling Rate	250 kS/s (1 channel)	250 kS/s (1 channel)	1 MS/s/ch (8 channels)	1 MS/s/ch (16 channels)
Number of ADCs	1	1	8	16
Simultaneous*	No	No	Yes	Yes
Resolution	16-bit	16-bit	20-bit	20-bit
Analog Output Channels	2	4	2	4
Digital I/O Channels	16	16	16	16
Counters	4	4	4	4

* USB-6451/53 have a multiplexed mode to achieve higher channel counts. See manual for details.



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Dr. Maël Le Berre
CTO and Cofounder, Elvesys



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- Aerospace, Defense and Government
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