

Measurement Computing MATLAB® Product Support

The following table lists hardware supported by MATLAB. OEM variants are also supported.

Measurement Computing

Analog input and output subsystems are supported; session-based (64-bit) interface support only. Analog output streaming is not supported. Counter/timer and digital I/O subsystems are not supported.

USB

- USB-1208FS
- USB-1208FS-Plus
- USB-1208HS
- USB-1208HS-2AO
- USB-1208HS-4AO
- USB-1208LS
- USB-1408FS
- USB-1408FS-Plus
- USB-1602HS
- USB-1602HS-2AO
- USB-1604HS
- USB-1604HS-2AO
- USB-1608FS
- USB-1608FS-Plus
- USB-1608G
- USB-1608GX
- USB-1608GX-2AO
- USB-1608HS
- USB-1608HS-2AO
- USB-1616FS
- USB-1616HS
- USB-1616HS-2
- USB-1616HS-4
- USB-1616HS-BNC
- USB-201
- USB-2020
- USB-202
- USB-204
- USB-205
- USB-231
- USB-234
- USB-2523
- USB-2527
- USB-2533
- USB-2537
- USB-2623
- USB-2627
- USB-2633
- USB-2637
- USB-3101
- USB-3102
- USB-3103
- USB-3104
- USB-3105
- USB-3106
- USB-3110
- USB-3112
- USB-3114

PCI, PCIe, and PCIM

- PCI-2511
- PCI-2513
- PCI-2515
- PCI-2517
- PCI-DAC04/12-HS
- PCI-DAC04/16-HS
- PCI-DAC6702
- PCI-DAC6703
- PCI-DAS08
- PCI-DAS1000
- PCI-DAS1001
- PCI-DAS1002
- PCI-DAS1200
- PCI-DAS1200JR
- PCI-DAS16/M1
- PCI-DAS1602/12
- PCI-DAS1602/16
- PCI-DAS1602JR/16
- PCI-DAS4020/12
- PCI-DAS6013
- PCI-DAS6014
- PCI-DAS6023
- PCI-DAS6025
- PCI-DAS6030
- PCI-DAS6031
- PCI-DAS6033
- PCI-DAS6034
- PCI-DAS6035
- PCI-DAS6036
- PCI-DAS6040
- PCI-DAS6052
- PCI-DAS6070
- PCI-DAS6071
- PCI-DAS64/M1/16
- PCI-DAS64/M1/16/JR
- PCI-DAS64/M2/16
- PCI-DAS64/M2/16/JR
- PCI-DAS64/M2/16/JR
- PCI-DAS64/M3/16
- PCI-DAS64/M3/16/JR
- PCI-DAS6402/12
- PCI-DAS6402/16
- PCI-DAS6402/16/JR
- PCI-DDA02/12
- PCI-DDA02/16
- PCI-DDA04/12
- PCI-DDA04/16
- PCI-DDA08/12
- PCI-DDA08/16
- PCI-PDISO16
- PCI-PDISO8
- PCIe-DAS1602/16
- PCIM-DAS1602/16
- PCIM-DAS16JR/16
- PCIM-DDA06/16

Data Translation

Use the DAQ Adaptor for MATLAB to interface MATLAB with Data Translation hardware.

The DAQ Adaptor supports the session-based (64-bit) interface or legacy (32-bit) interface of MATLAB. With 64-bit sessions, the buffer size is always the sample rate/10.

USB

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|-----------------------|-----------------------------------|----------------------------|
| ▪ DT9801 | ▪ DT9816 | ▪ DT9837 ⁴ |
| ▪ DT9801-EC-I | ▪ DT9816-A | ▪ DT9837A ⁴ |
| ▪ DT9802 | ▪ DT9816-S | ▪ DT9837B ⁴ |
| ▪ DT9802-EC-I | ▪ DT9817-H | ▪ DT9837C-BNC ⁴ |
| ▪ DT9803 | ▪ DT9817-R | ▪ DT9838 ² |
| ▪ DT9803-EC-I | ▪ DT9818-OEM | ▪ DT9844-32-OEM |
| ▪ DT9804 | ▪ DT9824 | ▪ DT9844-32-STP |
| ▪ DT9804-EC-I | ▪ DT9826 | ▪ DT9847-2-2 ⁴ |
| ▪ DT9804-EC-I-BNC16SE | ▪ DT9828 ² | ▪ DT9847-3-1 ⁴ |
| ▪ DT9804-EC-I-BNC8DI | ▪ DT9829-8 ² | ▪ DT9853 |
| ▪ DT9805 ¹ | ▪ DT9832-04-0-BNC ³ | ▪ DT9854 |
| ▪ DT9806 ¹ | ▪ DT9832-04-2-BNC ³ | ▪ DT9857E-16 ⁴ |
| ▪ DT9810 | ▪ DT9832A-02-2-BNC ³ | ▪ DT9857E-8 |
| ▪ DT9812-10V | ▪ DT9834-16-0-16-OEM ³ | ▪ DT9862-2-0 |
| ▪ DT9812A | ▪ DT9834-16-4-16-BNC ³ | ▪ DT9862-2-2 |
| ▪ DT9813-10V | ▪ DT9836-12-2-BNC ³ | ▪ VIBbox-32 |
| ▪ DT9813A | ▪ DT9836-6-0-BNC ³ | ▪ VIBbox-48 |
| ▪ DT9814-10V | ▪ DT9836-6-4-BNC ³ | ▪ VIBbox-64 |

¹ Voltage measurements, 64-bit sessions only.

² Legacy 32-bit interface support only.

³ Output streaming up to 280 kHz per channel with 64-bit sessions.

⁴ Master/Slave mode not supported with 64-bit sessions.

PCI

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|--------------|-------------|---------|
| ▪ DT3016-PBF | ▪ DT303-PBF | ▪ DT331 |
| ▪ DT301-PBF | ▪ DT304-PBF | ▪ DT332 |
| ▪ DT302-PBF | ▪ DT321-PBF | ▪ DT334 |
| ▪ DT3034 | ▪ DT322-PBF | ▪ DT335 |