

# Low-Price, High-Precision A/D DAQ Board

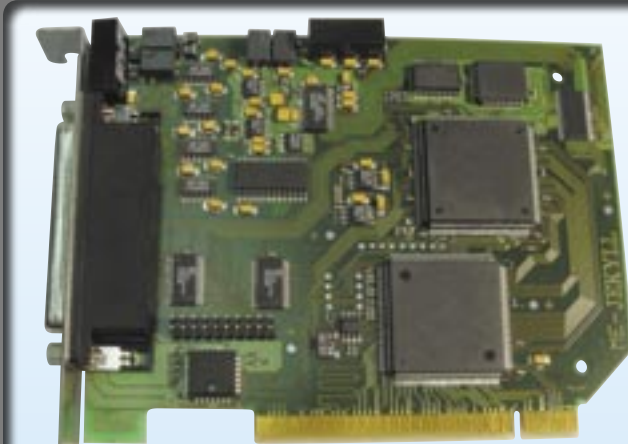


ME-Jekyll - The Reliable 16 bit Lowcost A/D Board

**Model:**  
ME-Jekyll/  
ME-4610

**Platform:**  
 PCI  
 PXI/cPCI  
 USB  
 Other

**Functions:**  
 Analog I/O  
 Digital I/O  
 Temp./°C  
 Interfaces  
 Instrument  
 Logger  
 Isolation  
 Accessory  
 Software



**100% compatible with ME-FoXX family in connector, functionality and software!**



**Software:**

- ME-Power-CD included:
- Drivers for **Windows** XP, 2000, 98/Me, NT. Visual C++, Delphi, Visual Basic and Borland C/C Builder supported.
  - Drivers for **Agilent VEE, LabVIEW.**
  - Drivers for **Linux** (source code under GPL).
  - Drivers for **Python.**
  - Utilities, examples, demos.
  - "Soft manuals" in English and German for Acrobat Reader/PDF.



- Analog inputs:
  - 16 single-ended inputs, range  $\pm 10$  V.
  - **16 bit/500 kHz** A/D conversion.
  - External digital trigger.
- Digital I/O and counters :
  - 32 TTL digital I/O channels, grouped in 4x 8 bit ports.
  - Each port programmable as input or output.
  - 3x 16 bit counters. All lines available at the D-sub connector.
- PCI Local Bus 2.1 compatible. Plug'n'Play. StandardPCI version.

**Ordering Codes:**

**ME-Jekyll ME-4610 PCI**  
 PCI A/D board: 16 bit/500 kHz A/D, 16 channels, 4x 8 TTL digital I/O ports, 3x 16 bit counters

**Accessories:**

**Cable ME AK-D78/1** **1 m**  
**Cable ME AK-D78** **2 m**  
 78-pin D-sub male-female (1:1 wired). Connects ME-Jekyll and terminal block, ME-MultiSig or user application

**Terminal block ME AB-D78M**  
 78-pin D-sub male and spring terminals

**Cables ME AK-D78/4000M-F and ME AK-D78/4000M-OE**  
 78-pin, 1:1, D-sub male-female or open ends (OE), with special multiple shielding for ME-Jekyll

**Cable ME AK-D25F/S**  
 20-pin IDC connector and 25-pin D-sub female for digital I/O ports C/D. 1x included

**Cable ME AK-D2578/4000**  
 25-pin D-sub male-female, connects ME-Jekyll with 1x ME-63Xtend

**Cable ME AK-D2515/4000**  
 25-pin D-sub male and 2x 15-pin D-sub male, connects ME-Jekyll with 2x ME-UB

**ME-63Xtend and ME-UB series**  
 External expansion boards/boxes with relays or opto-isolation

**ME-MultiSig series**  
 Multiplexing, demultiplexing and signal conditioning system

**ME-AA4-3 series**  
 Connectivity adaptor, use to connect existing ME-2000i applications to a ME-Jekyll

**Web Link: [www.meilhaus.com/e\\_me](http://www.meilhaus.com/e_me)**

**Specifications:**

Analog Inputs	
Number	16 single-ended
Range	$\pm 10$ V
FIFO	1 k FIFO (1024 values) for conversion with channel list
A/D conversion	16 bit/500 kHz
Trigger	External digital trigger (on rising, falling, both edges); TTL level
Digital I/O	
Number	4x 8 bit TTL I/O ports, each port programmable as input or output. 2 ports on D-sub, 2 ports on IDC
Level	TTL
Counters	
Number	3 independent 16 bit, compatible with 8254
Level	TTL
Lines	All lines (clock, gate, out) of all counters available at the D-sub connector

General Data	
Bus interface	32 bit/33 MHz PCI Local Bus 2.1 compatible
Settings	Per software; Windows Plug'n'Play
Size (mm)	135 x 107 (without slot bracket/connector)
Connectors	78-pin D-sub female, IDC on board (2x 8 bit TTL digital I/O ports C/D). A flat ribbon cable with 25-pin D-sub female and slot bracket is included; uses a second PC slot space, but does not need the PCI slot connector

**Expandability (see Accessories)**  
**Analog inputs:**  
 More channels in multiplexing technology with ME-MUX32. Signal conditioning with ME-MUX32 or ME-SIG32  
**Digital I/O Ports C/D:**  
 Relays or opto-isolation with ME-63Xtend or ME-UB series