

LongWin PC/104 (Plus) Module Series

16-Channel Data Acquisition Module

High Performance, Maximum Reliability, Competitive Cost

LW-M104-AD16



The 16-channel data acquisition module is A/D convert card that used for data acquisition from analog signal.

The data acquisition module has 16 single-end or 8 differential analog inputs with 12-bit A/D converter at 100Khz sampling rate. One 16-bit digital input/output channel works on TTL level.

Features

- 16 Single-End or 8 Differential Analog Inputs
- 1 16-bit Digital I/O Channel
- 12-bit A/D Converter
- Up To 100Khz Sampling Rate

Specification

Bus Type	PC/104 (ISA Compatible)	Output Code	Unipolar Original Code Bipolar Excursion Code
Input	16 single-end or 8 differential analog inputs	Conversion Speed	10us
Input Voltage	Unipolar: 0V - 10V Bipolar: -5V - +5V	Non-Linear Error	± 1 LSB
Input Impedance	≥ 10MΩ	Environmental	-20°C - +65°C Working Temperature
A/D Resolution	12-bit	Mechanical	PC/104 Form-Factor 3.6 x 3.8 Inch (90 x 96 mm)
A/D Start-up Mode	Program Start-Up		

For More Information, please call (800) 970-6805 or eMail to : sales@LWComputer.com

Ordering Information

LW-M104-AD16-00-A

16-Channel Data Collecting Module