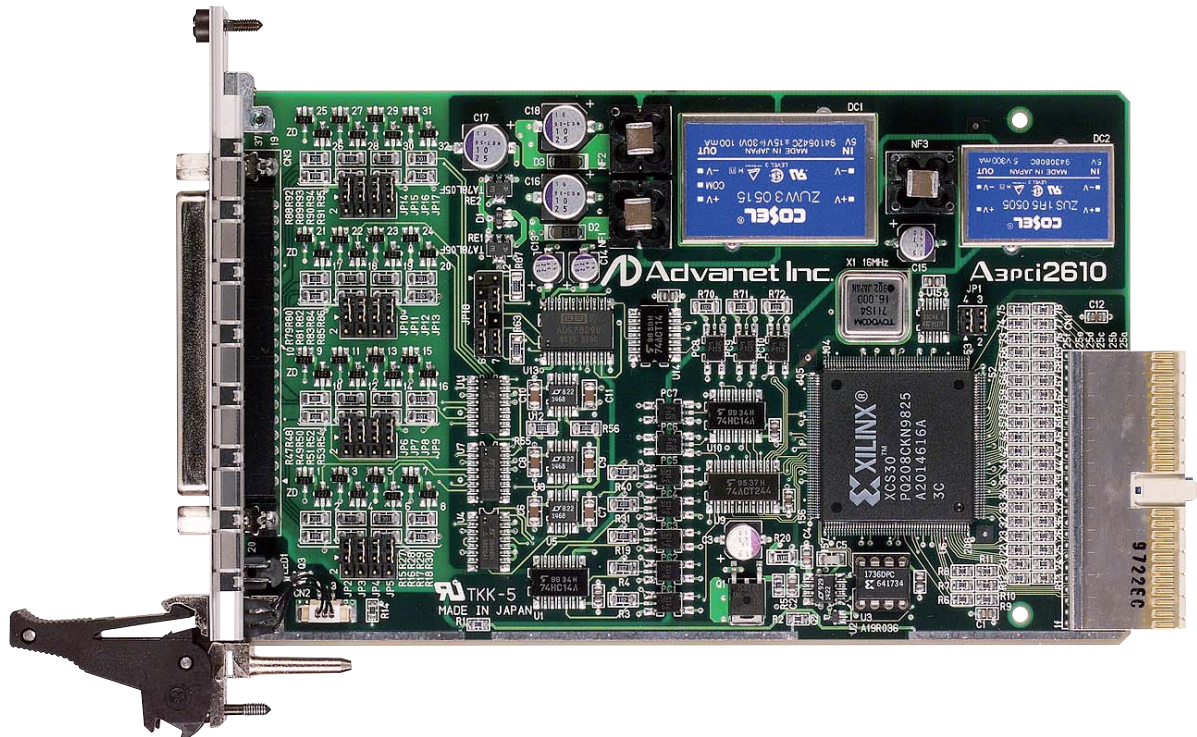


A3PCI2610

16-ch A/D Board



Features

- 3U size CompactPCI analog input board
- Equipped with 16-bit resolution and 16 single-ended input channels or 8 differential input channels
- Input voltage range can be set to $\pm 10V$, 0 to 10V, 0 to 5V or 0 to 20mA (current mode) for all channels at once
- Photo-coupler isolation between input and the system
- Interrupt can be issued after completion of A/D conversion
- All channels can be scanned automatically
- Built-in pacer clock allows continuous scanning at a constant frequency for processing
- Built-in FIFO
- Full HotSwap capability
- Sample program support for VxWorks
- Device driver support for Windows NT and 2000
- Device driver support for VxWorks (paid option)

Specifications

- Analog Input**
 - No. of channels : 16 single-ended channels or 8 differential channels
 - Resolution : 16-bit
 - Conversion time : 20 μ s per channel
 - Overall accuracy : Within 0.1%
 - Input voltage range : $\pm 10V$, 0 to 10V, 0 to 5V, 0 to 20mA (current mode)
 - Input impedance : 1M Ω or more
 - Isolation method : Photo-coupler isolation (no isolation between channels)
 - Withstanding voltage : AC500V for one minute
 - Protection circuitry : Overvoltage protection circuitry
- Bus interface**
 - Bus : 33MHz CompactPCI bus
 - Data bus width : 32-bit
 - Space required : Contiguous 64Bytes in PCI I/O space
 - Interrupt line : INTA
- Power requirements**
 - 5V \pm 5% (received from bus), TBD
- Board size**
 - 3U single slot width 165mm x 100mm x 20mm (excluding protrusions)
- Connector**
 - 37-pin Dsub connector (female)
- Environmentals Operating**
 - temperature range : 0 to 55°C
 - Storage temperature range : -20 to 70°C
 - Operating humidity range : 35 to 90% RH (non-condensing)
 - Storage humidity range : 10 to 90% RH (non-condensing)



HUMAN ELECTRONICS

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Note: The following specifications and product appearance are subject to change for enhancement without notice.



ISO9001
 Certification: No.4016-1995-AQ-KOB-Rv4

ISO14001
 Certification: No. EMSC-1426

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