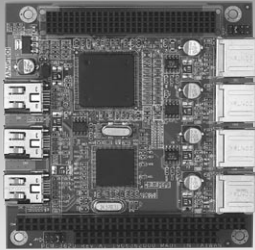# PCM-3620
PCM-3621

USB 2.0 and IEEE 1394a PC/104+ Module

4 SATA PC/104-plus Module

PCM-3620

PCM-3621

Features

- 4 USB 2.0 compliant ports, up to 480 Mbps
- USB ECHI 1.0 and PHCI 1.0a compatible
- 3 IEEE1394a compliant ports, up to 400 Mbps
- IEEE 1394a OHCI 1.1 compliant

Features

- Supports 4 SATA devices
- Standalone PCI to Serial ATA host controller chip
- Compliant with Programming Interface for Bus Master
- Provides 8 bits General Purpose I/O (GPIO)
- PC104+ expansion connector

Specifications

General

- **Chipset**   NEC uPD720101 and TI TSB43AB23
- **USB**   4 USB 2.0 Compliant Ports
                       Compliant with OHCI USB Rev 1.0a
                       Compliant with EHCI for USB Rev 1.0
                       High-speed (480 Mbps), full-speed (12 Mbps) and
                       low-speed (1.5 Mbps) transfer
- **IEEE 1394a**   3 port compliant with 1394 Open Host Controller
                       Interface Specification (Release 1.1)

Mechanical and Environmental

- **Dimension (L x W)**   96 mm x 90 mm
- **Weight**   0.81 kg (0.18b)
- **Operating Temperature** 0 ~ 60° C (32 ~ 140° F), operation, -20 ~ 80° C,
                            operation (optional)
- **Operating Humidity**   0% ~ 90% relative humidity, non-condensing

Power
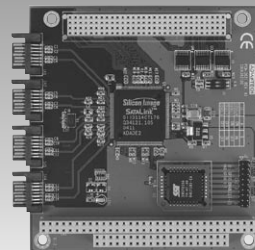
- **Power Supply Voltage**   +5 V , +12 V

Packing List

- 1 x PCM-3620 board
- 1 x Startup manual

Ordering Information

Standard

- **PCM-3620-00A1**   4 USB 2.0 and 3 IEEE 1394a PC/104+ Module
- **PCM-3620P-00A1**   4 USB2.0 & 3 IEEE 1394a w/pinhead PC/104+ module

Specifications

General

- **SATA Chip**   Silicon Image Sil3114
- **GPIO For 4 Activity LEDs**

Mechanical and Environmental

- **Dimension (L x W)**   96 mm x 90 mm complain with PC/104-plus 1.2
- **Weight**
- **Operating Temperature** 0 ~ 60° C (32 ~ 140° F), operation
- **Operating Humidity**   0% ~ 90% relative humidity, non-condensing

Power

- **Power Supply Voltage**   +5 V, +12 V

Packing List

- 1 x PCM-3621
- 1 x Startup Manual
- 1 x Utility CD

Ordering Information

Standard

- **PCM-3621-00A1**   PC/104-plus four channels SATA Module

ADVANTECH