

# PCM-3725

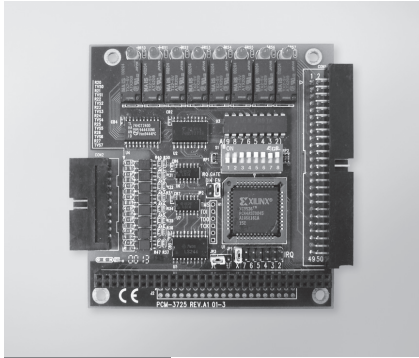
# PCM-3730

# PCM-3780

8-ch Relay and Isolated Digital Input PC/104 Module

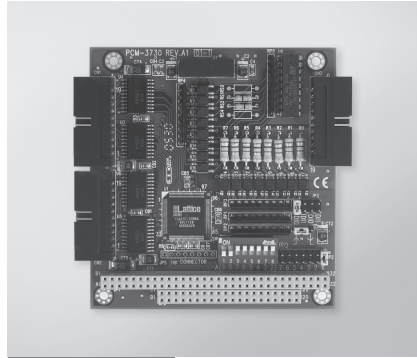
16-ch Isolated Digital I/O PC/104 Module

2-ch Counter/Timer with 24-ch Digital I/O PC/104 Module



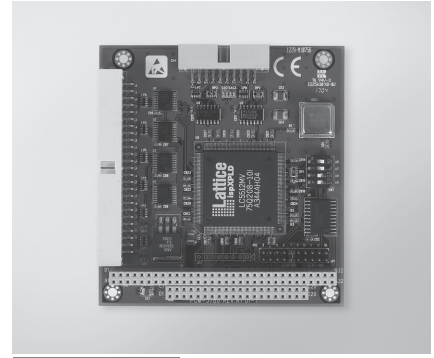
PCM-3725

FCC CE RoHS COMPLIANT



PCM-3730

FCC CE RoHS COMPLIANT



PCM-3780

FCC CE RoHS COMPLIANT

## Specifications

### Isolated Digital Input

- Channels 8
- Input Voltage Logic 0: 3 V  
Logic 1: 10 V (50 V max.)
- Isolation Protection 2,500 V<sub>DC</sub>
- Overvoltage Protection 70 V<sub>DC</sub>
- Opto-Isolator Response 25 µs
- Input Resistance 4.7 KΩ

### Relay Output

- Channels 8
- Relay Type SPDT (Form C)
- Contact Rating 30 V<sub>DC</sub> @ 1.5 A
- Relay on Time 4 ms
- Relay off Time 4 ms
- Life Span 100,000 min @ 2 A/30 V
- Resistance Contact: 100 mΩ  
Insulation: 1 GΩ @ 500 V<sub>DC</sub>

### General

- Bus Type PC/104
- I/O Connectors 1 x 20-pin head for IDI  
1 x 50-pin head for relay
- Dimensions (L x H) 96 x 90 mm (3.8" x 3.5")
- Power Consumption Typical: 5 V @ 100 mA  
Max.: 5 V @ 280 mA
- Operating Temperature 0 ~ 60°C (32 ~ 140°F)
- Storage Temperature -20 ~ 70°C (-4 ~ 158°F)
- Storage Humidity 5 ~ 95% RH, non-cond.

## Ordering Information

- PCM-3725 8-ch Relay/Isolated Digital Input PC/104 Module

### Accessories

- PCL-10120-1E 20-pin Flat Cable, 1 m
- PCL-10120-2E 20-pin Flat Cable, 2 m
- PCL-10150-1.2E 50-pin Flat Cable, 1.2 m
- ADAM-3920 20-pin DIN-rail Flat Cable Wiring Board
- ADAM-3950 50-pin DIN-rail Flat Cable Wiring Board

## Specifications

### Digital Input

- Channels 16, 5 V/TTL
- Interrupt Capable Ch. 4

### Isolated Digital Input

- Channels 8
- Input Voltage Logic 0: 2 V max.  
Logic 1: 5 V min. (24 V max.)
- Isolation Protection 2,500 V<sub>DC</sub>
- Opto-Isolator Response 0.1 ms
- Input Resistance 2 kΩ @ 0.5 W

### Digital Output

- Channels 16, 5 V/TTL
- Output Capability Sink: 0.5 V max. @ 8 mA  
Source: 2.4 V min @ 0.4 mA

### Isolated Digital Output

- Channels 8
- Output Type Sink (NPN)
- Isolation Protection 2,500 V<sub>DC</sub>
- Output Voltage 5 ~ 40 V<sub>DC</sub>
- Sink Current 200 mA max./channel
- Opto-Isolator Response 100 µs

### General

- Bus Type PC/104
- I/O Connectors 3 x 20-pin box header
- Dimensions (L x H) 96 x 90 mm (3.8" x 3.5")
- Power Consumption Typical: 5 V @ 330 mA  
Max.: 5 V @ 500 mA
- Operating Temperature 0 ~ 60°C (32 ~ 140°F)
- Storage Temperature -20 ~ 70°C (-4 ~ 158°F)
- Storage Humidity 5 ~ 95% RH, non-cond.

## Ordering Information

- PCM-3730 16-ch Isolated DI/O PC/104 Module w/ 20p Cable

### Accessories

- PCL-10120-1E 20-pin Flat Cable, 1 m
- PCL-10120-2E 20-pin Flat Cable, 2 m
- ADAM-3920 20-pin DIN-rail Flat Cable Wiring Board
- PCLD-785 16-ch Relay Board w/ One 1m 20-pin Flat Cable
- PCLD-885 16-ch Power Relay Board w/ 20p & 50p Flat Cables

## Specifications

### Digital Input

- Channels 24 (shared with output)
- Compatibility 5 V/TTL
- Input Voltage Logic 0: 0.8 V max.  
Logic 1: 2.4 V min.
- Interrupt Capable Ch. 24

### Digital Output

- Channels 24 (shared with input)
- Compatibility 5 V/TTL
- Output Voltage Logic 0: 0.5 V max. @ 24 mA (sink)  
Logic 1: 2.4 V min. @ 15 mA (source)

### Counter/Timer

- Channels 2
- Resolution 16 bits
- Compatibility 5 V/TTL
- Max. Input Frequency 20 MHz
- Counter Modes 12 (programmable)
- Interrupt Capable Ch. 2

### General

- Bus Type PC/104
- I/O Connectors 1 x 50-pin box header  
1 x 20-pin box header
- Dimensions (L x H) 96 x 90 mm (3.8" x 3.5")
- Power Consumption Typical: 5 V @ 300 mA  
Max.: 5 V @ 0.8 mA
- Operating Temperature 0 ~ 60°C (32 ~ 140°F)
- Storage Temperature -20 ~ 70°C (-4 ~ 158°F)
- Operating Humidity 5 ~ 85% RH non-cond.

## Ordering Information

- PCM-3780 2-ch Counter/Timer, DI/O, PC/104 Module w/Cables

### Accessories

- PCL-10120-1E 20-pin Flat Cable, 1 m
- PCL-10150-1.2E 50-pin Flat Cable, 1.2 m
- ADAM-3920 20-pin DIN-rail Flat Cable Wiring Board
- ADAM-3950 50-pin DIN-rail Flat Cable Wiring Board

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [I/O Modules](#) category:*

*Click to view products by [Advantech](#) manufacturer:*

Other Similar products are found below :

[70L-IDC5S](#) [70L-OAC-L](#) [70Z3289-4](#) [G21960000700](#) [G21960002700](#) [G34960002700](#) [OACU](#) [C4SWOUT](#) [PB16H](#) [G34960001700](#) [G3TA-OA101SZ-1](#) [DC24](#) [G77-S](#) [5607189](#) [DA5](#) [ODC-24A](#) [IDC5P](#) [FC6A-N16B1](#) [6421](#) [70MRCQ32-HL](#) [G3TAOD201SDC24](#) [C200H-LK201-V1](#)  
[G3TA-OA202SZ-US](#) [DC12](#) [GT1-OD16](#) [GT1-AD04CST](#) [B7AM-6BS](#) [70GRCQ24-HS](#) [6422](#) [84110410](#) [GT1-OD16MX](#) [G7VC-OC16-B7](#)  
[70MRCK24-DIN](#) [6202](#) [6402](#) [PI/NI-2D/24](#) [FC6A-J2C1](#) [FC6A-KC1C](#) [FC6A-R081](#) [FC6A-J8CU1](#) [GP32900003700](#) [641-480-5022](#) [PB16H](#)  
[84145010](#) [84110210](#) [FRUSB1601](#) [PCL-720+-BE](#) [FRRJ451601](#) [AP24MX3DB25F](#) [ADAM-5053S-AE](#) [WISE-S614-A](#) [C200H-OD211](#)