

# 104P-HI24IO

8-bit opto-isolated digital input/output, 16-channel TTL digital input/output card



## Specifications and Features

### Isolated Digital Input

Isolated Input Channel: 8-channel  
Interrupt Input Channel: IDI0-IDI7  
Input Voltage: 0V~2V<sub>DC</sub> (low-level), 5V~30V<sub>DC</sub> (high-level)  
Input Impedance: 2.7K $\Omega$  @1W  
Supports dry contact and wet contact input  
Data Throughput: 10KHz  
Isolation Voltage: 2500V<sub>DC</sub>  
ESD (electrostatic discharge) Protection: 2000V<sub>DC</sub>

### TTL Digital Output

Output Channel: 16-channel

### Isolated Digital Output

Isolated Output Channel: 8-channel  
Supply Voltage: 5V~40V<sub>DC</sub> (external)  
Output Current: 200mA (max.)/channel  
Data Throughput: 10KHz  
Isolation Voltage: 2500V<sub>DC</sub>

### TTL Digital Input

Input Channel: 16-channel  
Repeater Input Channel: DI0-DI15

## General Specifications

2-bit Board ID setup function  
Compatible with PCI104 Plus 2.2 specification  
Power Consumption: Typical +5V@300mA; max. +5V@500mA  
External Dimensions (L x H): 95.89mm x 90.17mm (3.775" x 3.550")  
Operating Temperature: 0°C~60°C  
Storage Temperature: -20°C~70°C  
Operating Humidity: 5%~95% RH, (IEC 68-2-3), non-condensing

## Ordering Information

Part Number	Model Number	Description
0090-003300	104P-HI24IO	8-bit opto-isolated digital input/output, 16-bit TTL digital input/output card
0060-001900	PCLD-880	DB-37 port industrial terminal board