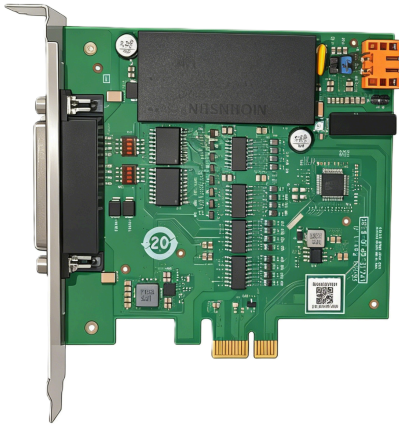


IPCIE-GPIO-8I8O

16-CH Isolated Digital I/O PCI Express® x1 Card



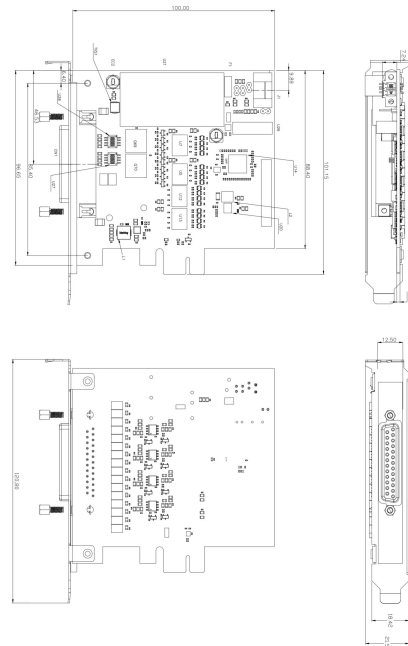
Features

- PCI Express® x1 lane interface.
- 8-channel isolated digital inputs and 8-channel isolated digital outputs.
- Supports 5 V, 12 V, and 24 V external output power supplies.
- 2500 VRMS optical isolation.
- Source current up to 40 mA on a single isolated output.

Specifications

Form Factor	PCI Express® x1
Controller	Fintek F81508
Connectors	1 x DB44 (via cable to 2 x DB9, for isolated digital I/O)
Input channels	8
Input voltage range	0-24 VDC Input high level: 2-24V Input low level: 0-1.5V
Input type	single-ended, positive logic, polarity-sensitive
Isolation voltage	2500 Vrms
Output channels	8
Output voltage	5 / 12 / 24 VDC (external power supply)
Output type	high-side sourcing transistor
Isolation voltage	2500 Vrms
Source current	up to 40 mA per channel @ 100% duty Max. total current: 10 mA per channel at 24 V when all 8 channels are ON (80 mA total) @ 100% duty
Operating Temperature	0°C ~ 60°C
Storage Temperature	-20°C ~ 85°C
Operating Humidity	5% ~95%, non-condensing
Dimension (W x H, mm)	100 x 101
Weight	0.11kg
Safety	CE/FCC compliant

Dimensions (mm)



Ordering Information

Part No.	Description
IPCIE-GPIO-8I8O-R10	PCIe x1 card supports 8-input & 8-output GPIO, w/ isolation, 5/12/24V, RoHs

Packing List

1 x IPCIE-GPIO-8I8O card
1 x DB44 TO 2 x DB9 cable
1 x QIG (Quick Installation Guide)