

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

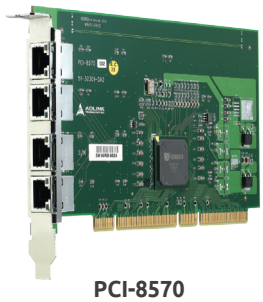
Find the *Adlink PXI-8750* at our website: *Click HERE*

PCI-8570/PXI-8570

PCI Control of PXI/CompactPCI

Features

- Direct PC control of PXI/CompactPCI systems
- Multi-chassis configurations for PXI/CompactPCI
- Up to 2 PCI segments extended from single PCI/PXI-8570
- Up to 64-bit, 66 MHz PCI bus expansion
- StarFabric link performance
- 528 MB/s peak (64-bit, 66 MHz PCI)
- 132 MB/s peak (32-bit, 33 MHz PCI)
- Expansion distance of up to 5 meters
- Completely hardware and software transparent
- Independence of operating systems
- Seamless PCI interrupt extension
- Compliant with
  - PCI local Bus Specifications Rev. 2.2
  - PCI-to-PCI Bridge Architecture Specifications Rev. 1.1
  - PXI Specifications Rev. 2.2



PCI-8570



PXI-8570

Introduction

The ADLINK PCI/PXI-8570 expansion kit is a PCI-to-PXI or PXI-to-PXI expansion module that functions as a transparent PCI-to-PCI bridge register set. Implementing master and slave extension modules, users can have direct control of PXI/CompactPCI chassis from any other PC or another PXI/CompactPCI system. All devices on the system are deemed to be local devices on the same PCI bus.

The PCI interface supports 64-bit or 32-bit PCI buses operating at 66 MHz or 33 MHz. By adopting shielded twisted copper cables, PCI-8570/PXI-8570 can expand the transmission distance to 5 meters. One master expansion card (either PCI-8570 or PXI-8570) can expand up to 2 slave expansion modules (PXI-8570) at the same time. A bundled link can support the full bandwidth of a 64-bit/66 MHz PCI bus. All interrupts asserted by add-in cards in the expansion system are passed through the expansion set to the host system.

With ADLINK PCI/PXI-8570, users can combine PCI, CompactPCI, and PXI devices in the same system, increase the available number of PXI/CompactPCI slots for high-density I/O application and separate a control system from a harsh environment with an expansion chassis.

Ordering Information

- **PCI-8570**
  PCI-to-PXI Expansion Interface Card for Host PC
- **PXI-8570**
  PCI-to-PXI/PXI-to-PXI Expansion Interface Module for PXI Chassis
- **ACL-PXIES-5**
  Copper Cable Kit, 5 M

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

Specifications

Model Name		PCI-8570	PXI-8570
Compliance		PCI™ local bus specifications Rev. 2.2 compliant	PXI™ Specifications Rev. 2.2 compliant
			PCI-to-PCI Bridge Architecture Specifications Rev. 1.1 compliant
			PCI™ Local Bus Specifications Rev. 2.2 compliant
Operating Temp.		0˚C to +50˚C (32˚F to 122˚F)	
Storage Temp.		-20˚C to +80˚C (-4˚F to 176˚F)	
Relative Humidity		10% to 90%, non-condensing	
Maximum data throughput		132 MB/s (32-bit, 33 MHz PCI) 528 MB/s (64-bit, 66 MHz PCI)	
PCI™ interface		32-bit/66 MHz and 64-bit/66 MHz	
I/O Connector		RJ-45 connector x 4	
Extended distance		up to 10 meters	
Internal arbiter			supports up to 7 external masters
Dimensions		160 mm (H) x 100 mm (W)(6.24” x 3.9”) (not including connectors)	3U PXI form factor 175 mm (W) x 107 mm (H) (6.82” x 4.17”)
Power requirement	+5 V	190 mA	
	+3.3 V	250 mA	540 mA
ACL-PXIES-5		Length: 5 M	
Emissions Compliance		FCC Class A ,CE Compliance	

All products and company name listed are trademarks or trade names of their respective companies.
Updated Nov. 10, 2016. ©2016 ADLINK Technology, Inc. All Rights Reserved.
All specifications are subject to change without further notice.

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP