PXI-3930

3U Intel® Celeron® 2000E 2.2GHz Processor-Based PXI Controller

Features

- Entry level platform provides an ideal balance between performance and price point
- PXI-1 hardware specification rev. 2.2 compliant
- Supports dual indepentdent displays via the bundled DVI-I to DVI-D and VGA Y-cable
- 132 MB/s maximum system throughput
- Flexible I/O:
  - Dual USB 3.0 and four USB 2.0 ports
  - Dual Gigabit Ethernet ports
  - Built-in GPIB (IEEE488) controller
- Programmable watchdog timer
- Dual BIOS support for backup



Introduction

The ADLINK PXI-3930 PXI embedded controller, based on the Intel® Celeron® 2000E 2.2GHz processor matches superior performance with an unprecedented price point. Specifically conceived for hybrid PXI-based testing systems, the ADLINK PXI-3930 delivers a rugged and stable platform for a wide variety of testing and measurement applications.

Ample I/O flexibility includes DVI-I supporting dual independent displays via the bundled DVI-I to DVI-D and VGA Y-cable, dual USB 3.0 for high speed peripheral devices, dual Gigabit Ethernet with one for LAN connection and the other for controlling LXI instruments, four USB 2.0 ports and USB instrument control, and a Micro-D GPIB connector for GPIB instrument connection, all for seamless control of hybrid PXI-based testing systems. The ADLINK PXI-3930 significantly reduces maintenance efforts with easily replaceable battery and upgradable storage and SODIMM modules. Backup BIOS also eases recovery in the event of a main BIOS crash.

Software Support

- Windows 7/10

Ordering Information

- **PXI-3930**
  3U PXI Intel® Celeron® 2000E 2.20GHz system controller with 4GB memory & 500GB HDD
- **PXI-3930/M8G**
  3U PXI Intel® Celeron® 2000E 2.20GHz system controller with 4GB memory & 500GB HDD
- **PXI-3930/SSD**
  3U PXI Intel® Celeron® 2000E 2.20GHz system controller with 4GB memory & 240GB SSD
- **PXI-3930/M8G/SSD**
  3U PXI Intel® Celeron® 2000E 2.20GHz system controller with 8GB memory & 240GB SSD

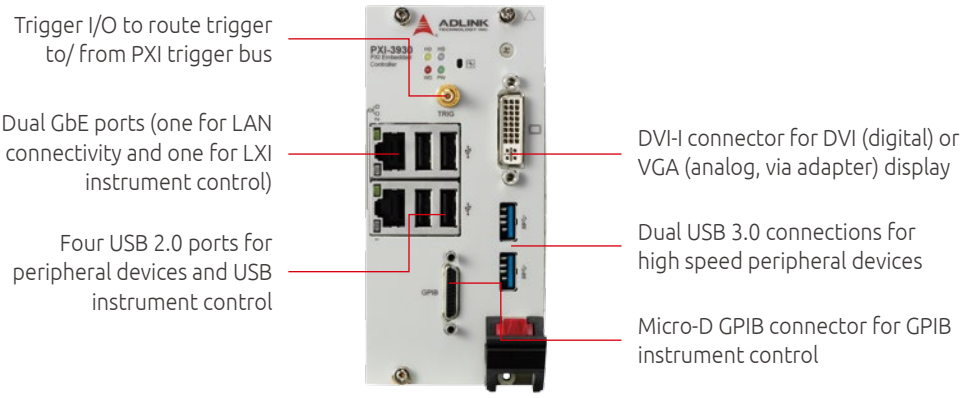
*Every PXI-3930 unit ships with 1 bundled DVI-I to DVI-D and VGA Y-cable.

Cable Accessory

- **ACL-IEEE488-MD1-A**
  1M 25-pin Micro-D to GPIB Cable

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Product Illustration



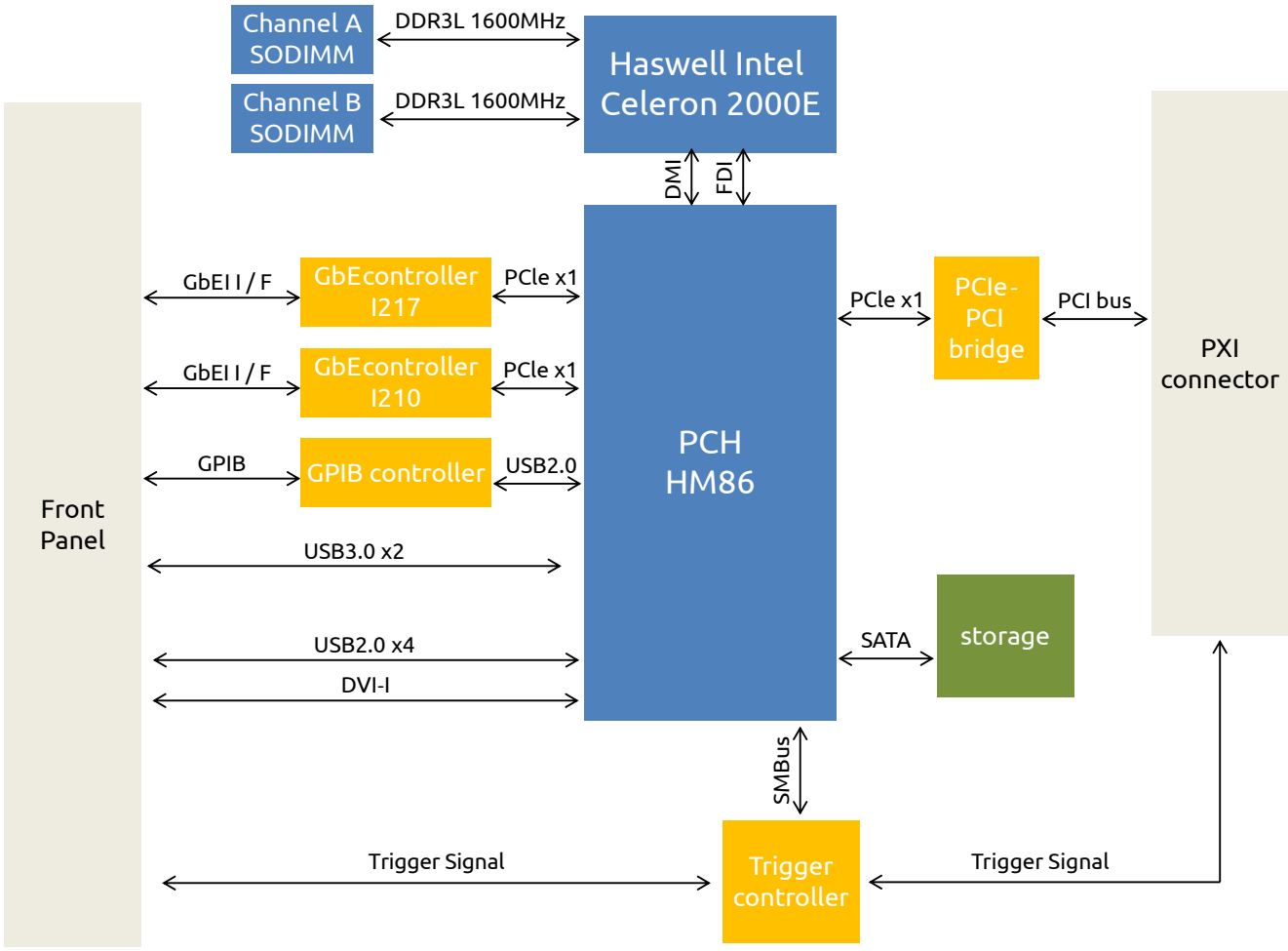
Specifications

Model Name	PXI-3930
Core Features	
CPU	Intel® Celeron® 2000E 2.20GHz
DMI	5 GT/s
Chipset	Mobile Intel® HM86 chipset
Memory	Up to 16 GB SO-DIMM memory Supports dual-channel DDR3L SDRAM, 1600 MHz
Display	
DVI	1920 x 1200 @ 60 Hz
VGA (via Adpater)	2048 x 1152 @ 60 Hz
Power Supply	
Ethernet	One Intel®I217 Gigabit Ethernet PHY and One Intel® I210 Gigabit Ethernet Controller Two RJ-45 connectors with speed/link/active LED on the faceplate
USB	2 x USB 3.0 and 4 x USB 2.0 on the faceplate
GPIB	On-board IEEE488 GPIB controller Micro-D 25-pin connector on the faceplate (ACL-IEEE488-MD1-A cable required)
Trigger I/O	SMB connector on the faceplate to route an external trigger signal to/from PXI trigger bus
Storage	
HDD	500 GB (or greater) SATA hard drive
SSD	240 GB (or greater) SATA SSD
Mechanical and Environmental	
Dimensions	60.5 mm x 128.7 mm x 213.2 mm (2.35" x 5.01" x 8.31") 1
Slot Requirements	system slot plus 2 controller expansion slots
Weight	0.91kg
Operating Temp.	0 to 50°C (32˚F to 122˚F) (w/ HDD) 0 to 55°C (32˚F to 131˚F) (w/ SSD)
Storage Temp.	-20 to 70°C (-4˚F to 158˚F)
Relative Humidity	5 to 95%, non-condensing
Shock	30 G, half-sine, 11 ms pulse duration
Vibration	Operating: 5 to 500 Hz, 0.21 Grms, 3 axes Non-operating: 5 to 500 Hz, 2.46 Grms, 3 axes
Emissions Compliance	EN 61326-1, FCC Class A
CE Compliance	Immunity: EN 61326-1

Note1. Depends on model ordered

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PXI-3930 Block Diagram



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