TECHNICAL DATA SHEET

VXI Instruments
the test solutions provider

PXIe3110
PXI Express Embedded Controller



PXI
VXI
LAN
cPCI
PXIe
GPIB
USB
RS232
485
external
PCIe

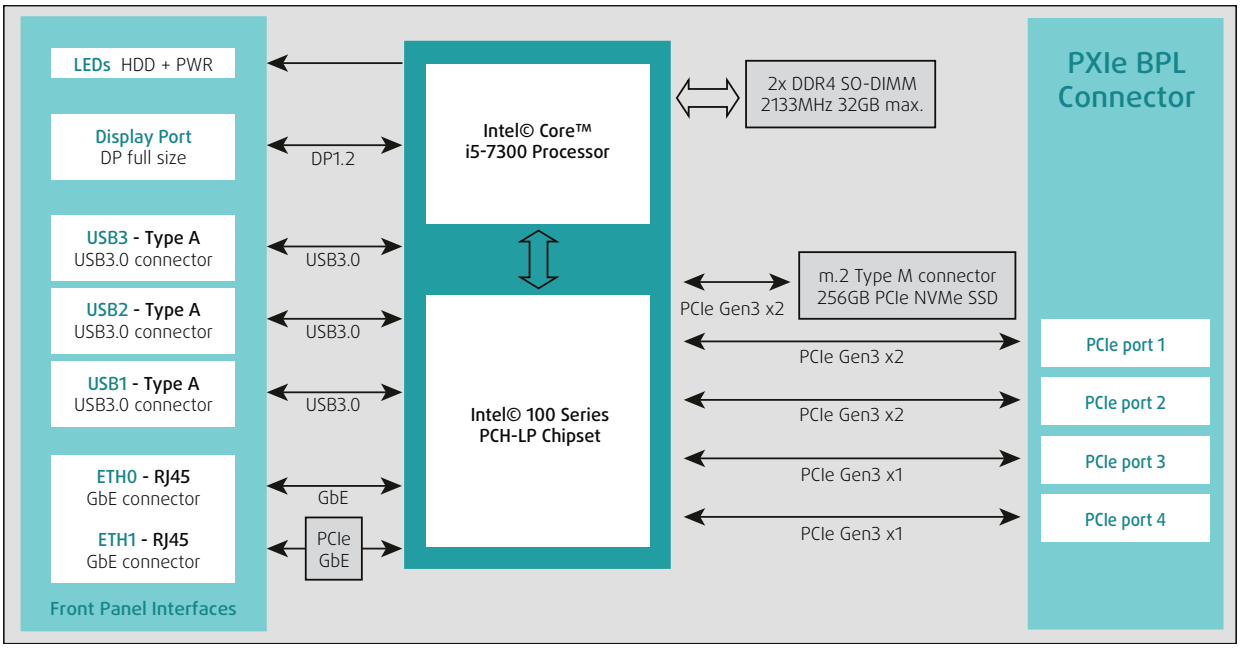
Features

- Most compact PXIe Embedded Controller on market
- PXI-5 PXI Express hardware spec. Rev.2.0 compliant
- Integrated m.2 NVMe PCIe Gen3 storage
- Maximum system throughput 6 GB/s (1 Four-Link mode PCIe Gen3 x2 - x2 - x1 - x1)
- 7th Intel® Core™ generation with Hyper-Threading

Product Information

The PXIe3110 is the most compact and powerful 3U one-slot embedded controller for the PXI Express and CPCIexp platform. With its huge and future-ready interface capabilities, it runs perfectly with most test and measurement applications.

The Controller is driven by a 7th generation Intel® Core™ processor combined with up to 32 GB DDR4 memory and easily supports high bandwidth applications with its PCIe Gen3 system and storage interconnectivity.



General Specification

General	Specification	Comment
Module size	1 slot, 3U	
Module weight	<0.4 kg	
Operating temperature	0 ... 60°C	
Relative humidity	10 ... 90%	Non-condensing
Storage temperature range	-40 ... 85°C	

Controller Capabilities

Controller Capabilities	Specification
CPU	i3-1115G4E 2x 2.2GHz, 6MB Cache i5-1145G7E 4x 1.5GHz, 12MB Cache
Chipset	RM590E/QM580E/HM570E
DRAM	16/32 GB 3200MHz DDR4
Graphics	Integrated Xe (Gen12) graphics (up to 96 EU)
Storage	m.2 Type M NVMe Samsung EVO970PLUS
I/O Ports	2x 2.5GBASE-T, 2x USB3.1 TypeA, DP 1.4
Power	Peak: 45W, TDP: 20W

Notes: Product specification and description in this document are subject to change without notice.

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