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Find the *VX Instruments PXIe3004* at our website: ***Click HERE***

PXIe3004
USB 3.0 Card

VXI instruments
the test solutions provider



TECHNICAL DATA SHEET

PXI
VXI
LAN
cPCI
PXIe
GPIB
USB
RS232 485
external PCIe

Features

- PXI Express peripheral slot card
- Texas Instruments PCI Express to quad-port USB 3.0 controller TUSB7340
- PCI Express x1 Gen2 interface for optimum performance
- USB 3.0 xHCI (eXtensible host controller interface) SuperSpeed supported
- USB 2.0 High-Speed, Full-Speed, Low-Speed supported
- 4x front panel Type A USB 3.0 host connectors

Product Information

The PXIe3004 is a peripheral slot board for PXI Express systems, equipped with a quad port USB 3.0 compliant host controller. All four USB connectors are available from the front panel for attachment of external USB devices.

For optimum performance the board requires a 5 Gbps PCI Express Gen2 connection.

The front panel USB 3.0 host connectors can deliver up to 1.5 A V_{BUS} (+5 V) each.

A maximum total current of 3 A for one PXIe3004 is possible.

When connected to USB 2.0 compliant devices, only the classic four contacts (data pair, +5 V V_{BUS} and GND) are in use. USB 3.0 devices in addition communicate via the SuperSpeed differential transmit and receive signal pairs, available across another five contact pins.

General	Specification	Comment
Module size	1 slot, 3U	
Module weight	<0.7 kg	
Operating temperature	0 ... 40°C	
Operating altitude	<2,000 m	
Relative Humidity	Up to 85% at 35°C	
Storage temperature range	-25 ... 70°C	

Interface	Specification	Comment
Front connector type	4x USB 3.0	
Maximum current	1.5 A each	In total maximum 3 A

Notes: All product data are specified for 1 year at an ambient temperature of 23°C ±5°C (after 1 hour warm-up time).
Product specification and description in this document are subject to change without notice.

VX Instruments GmbH
Phone: +49 871 93 15 55-0
E-Mail: sales@vxinstruments.com

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