

# PXIe7800/PCIe7800/PCIe7801 External PCIe Cable Adapter



## TECHNICAL DATA SHEET

PXI

VXI

LAN

cPCI

PXIe

GPIB

USB

RS232  
485

external  
PCIe

### Features

- Control of ePCIe devices via PC, Laptop or PXIe
- High speed PCI Express x1 interface
- Extension length up to 7 meters
- Compliant with PCI Express base specification, Rev. 1.0a
- Compliant with PCI Local Bus specification, Rev. 3.0

## Product Information

The external cable adapter family supplies a high speed PXI Express x1 interface. Due to the low latency and high data transfer rate it

is perfectly suitable for multi-channel systems with high data volumes and high speed test environments.

General	Specification	Comment
<b>Module size</b>		
PCIe7800	1 PCIe slot	
PCIe7801	ExpressCard/34	
PXIe7800	1 slot, 3U	
<b>Module weight</b>	<0.7 kg	
<b>Operating temperature</b>	0 ... 40°C	
<b>Operating altitude</b>	<2,000 m	
<b>Relative humidity</b>	Up to 85% at 35°C	
<b>Storage temperature range</b>	-25 ... 70°C	

Interface	Specification	Comment
<b>Connection</b>	External PCIe x1	1.27 mm TDP PXIe x1 18-pin, female
<b>Trigger</b>	PXI trigger lines	Only for PXIe7800

Accessories	Ordering Information
<b>ePCIe cable 1 m</b>	ZK1103-0
<b>ePCIe cable 2 m</b>	ZK1104-0
<b>ePCIe cable 3 m</b>	ZK1105-0
<b>ePCIe cable 7 m</b>	ZK1106-0

## Suitable Devices

Device	Specification
<b>AXV7607 High Voltage SMU</b>	<3,000 V at <30 mA; DC; linear output stage
<b>AXC7603 High Current SMU</b>	<±100 A at <50 V; DC; linear output stage
<b>AXS84xx 4 channel SMU</b>	<±100 A at <400 V; 100 µs up to DC; <800 W continuous

**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.