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## End of Life Notice: PCE385

You are receiving this notification because you have previously purchased a version of the PCE385 card from either Performance Technologies (PT) or Sunhillo. Sunhillo acquired this product as part of its acquisition of the Performance Technologies MPS division. More information on the acquisition may be found on the Sunhillo website, [www.sunhillo.com](http://www.sunhillo.com).

Due to problems in sourcing an obsolete component on the board, we are forced to issue an immediate end of life notice on all versions of this product. A complete list of all the versions is provided at the end of this notice. Sunhillo has managed to secure a small quantity of the obsolete component and will use it to make a stock of boards. This stock will be made available on a first come first served basis. It is unfortunate we have to take this step but, given the problems in sourcing this obsolete component, we feel we have no other option.

The last time buy order and ship dates will be as follows:

- Last time buy orders for the PCE385 will be accepted until June 30, 2015
- Shipment of these last time buy orders must occur before December 30, 2015

All last time buy orders will only be accepted on a non-Cancellable and non-Returnable (NCNR) basis and are also subject to minor quantity adjustment based on final production yields.

For those of you using the PCE385 with our HDLC protocol kit, we are able to offer a migration path to the PCE382 (datasheet attached) but only for Linux and Solaris host systems. This will require you to upgrade to the latest HDLC kit, which contains support for the PCE382, and then re-build your application. Depending on which version of HDLC protocol kit you are currently using, you may also need to make some minor alterations to your application code.

We will not be supporting Windows host systems with the PCE382. The PT NexusWare package will not be made available on the PCE382. As the Channel7 software was not part of the acquisition from PT, we are unable to accept last time buys for Channel7 product and are unable to make it available on the PCE382. Users requiring support for any of our other protocol packages on the PCE382 will need to contact their Sunhillo sales representative. Each request will be reviewed on a case by case basis.

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If you have any questions regarding this notice, please contact your local Sunhillo Sales Representative, who will be happy to help.

Regards

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Vice President of Sales  
Sunhillo Performance Technologies  
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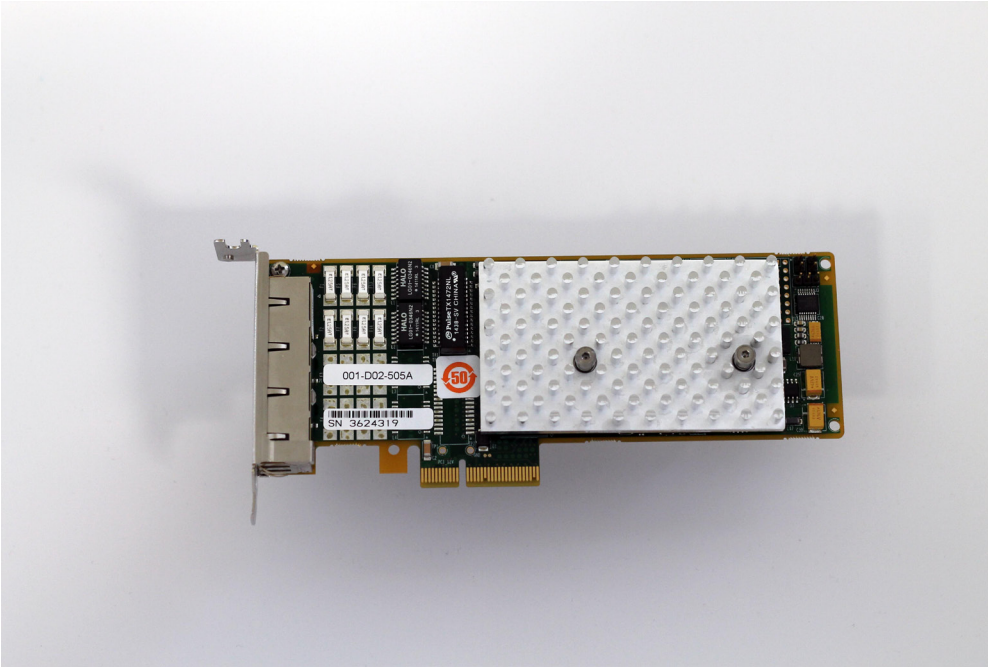
### PCE385 Versions being made End of Life

Model Number
PT-PCE385-11925
PT-PCE385-91319
PT-PCE385-91320
PT-PCE385-91321
PT-PCE385-91668
PT-PCE385-91669
PT-PCE385H-91580
PT-PCE385H-91581

### PCE382 Ordering Information

Model Number	Description
PT-PCE382-13000	PCE382 - PCI Express T1/E1/J1 PCI Express Communications Controller
PT-HDLCKIT-11490	Turn-Key HDLC Development Kit
PT-HDLCRTU-13001	Turn-Key HDLC Right To Use License for use with PCE382

## Quad T1/E1/J1 PCI Express® Telecom Adapter



The **PCE382** is ideally suited for both PSTN and IP telephony systems that are built on PCI Express architecture and that are capable of handling large volumes of voice circuits for protocol processing transfer to the PCI Express Buses. Application examples include SS7 network elements, wireless infrastructure equipment, media and signaling gateways, and telecom switching and routing equipment.

The PCE382 is an adaptable platform designed with an onboard Freescale™ MPC8560 (PowerQUICC III™) processor. The PCE382 operates as a fully programmable communications subsystem capable of intra-chassis communication.

### Protocol Software Support

Sunhillo provides a wide range of WAN protocols which allows OEMs and System Integrators to create flexible and efficient radar gateways, converged serial gateways, and front-end I/O systems.

## FEATURES

- Quad T1/E1/J1 Communications Interface for PCI Express® Systems
- Software Programmable Interfaces
- Freescale™ MPC8560
- PowerQUICC III Processor
- Protocol Software: HDLC
- Operating System Support includes Solaris™ and Linux®

# PCE 382: Quad T1/E1/J1 PCI Express® Telecom Adapter

## Ordering Information:

PT-PCE382H  
PCI Express® Quad T1/E1/J1  
Communications Adapter

## Software Options:

This product is available with a variety of software options. For more information, contact [sptsales@sunhillo.com](mailto:sptsales@sunhillo.com)

## Technical Specifications

### Interface

- Four RJ48C interfaces that are independently software programmable on receive and transmit termination. Operating modes supported are:
  - T1/100  $\Omega$
  - E1/75  $\Omega$
  - E1/120  $\Omega$
  - J1/110  $\Omega$

### Processor

- 833 MHz Freescale™ MPC8560 PowerQUICC III™

### Framing Standards

- Short and long haul interfaces, AMI, HDB3, or B8ZS line encoding

### Memory

- 256 MB dedicated DRAM
- 64 MB flash PROM

### Specification Compliance

- PCI Express revision 1.1
- ANSI T1.102-1993

### Physical Interface

- T1/E1/J1: Four RJ-48C connectors
- PCI Express X1 Lane

### Protocol Support

- HDLC
- LAPD

### Agency Certifications

- FCC Class A
- CE
- EN 60950
- NEBS Level 3-friendly

### Compliance

- All currently applicable ANSI/ISO standards
- RoHS/WEEE

### Power

- 16W maximum

### Dimensions

- Length: 167.65 mm
- Height: 68.9 mm

### Temperature

- Operating: 0 to 50°C (32 to 122°F)
- Non-operating: -20 to 80°C (-4 to 176°F)



Sunhillo Performance Technologies  
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