

# Communication Products



Wide Area Networking Products  
Local Area Networking Products  
Carrier Boards  
Security Boards  
PCIe-over-Cable Kits

ONE STOP  
SYSTEMS

# Introduction

## Mission

To be a leading provider of industrial-grade computing systems and components by meeting our customers' requirements for superior products delivered on-time with zero-defect workmanship and responsive, knowledgeable technical support.

## About One Stop Systems

One Stop Systems, Inc., a global provider in industrial-grade computing systems and components, manufactures standard, custom and semi-custom designs for converged communications, industrial control and military applications. These include CompactPCIe, PCIe, PCI/ISA and VME-based architectures. One Stop Systems offers responsive service, the highest quality design and manufacturing, and on-time delivery. For more information and a complete product catalog, visit us at [www.onestopsystems.com](http://www.onestopsystems.com).

## Standard and Semi-Custom Systems

We have an established line of standard enclosures, backplanes, single board computers, IO boards and system monitors. These include enterprise-class and carrier-class products. We often use these standard products to produce semi-custom products to best meet our customers' requirements. These customers often procure these products over time with scheduled deliveries through various innovative business agreements.

## Custom Products

We also design and manufacture custom systems and components for customers with exceptional product requirements. Armed with a thriving design staff of over a dozen engineers, we consistently produce innovative designs that meet our customers' requirements. Our talented electrical and mechanical engineers use SolidWorks for mechanical design, Orcad for schematic, and PADS for board design and layout. We can bring custom products to market quickly with a minimum cost impact.

## Responsive Sales Professionals

We invite you to call our technically trained sales professionals with your system requirements. We look forward to getting your product to market quickly and with the highest quality possible.

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# WAN Products

## Introduction

One Stop Systems' WAN solutions are designed to support a variety of I/O interfaces and hardware architectures. Our WAN adapter series of products are focused on satisfying the need for WAN interfaces in data communications products residing between the middle and the edge of the internet used in routers, firewalls, virtual private networks (VPN) servers and Voice over Internet Protocol (VoIP) gateways.

### WAN Product Comparison

Product Name	Form Factor	# Ports	T1/E1	T3/E3	H.110/H.100	Channelized	Driver Support
OSS-wanPCI-1T1E1LP	PCI	1	●				Linux, NetBSD, FreeBSD
OSS-wanPCI-CxT1E1	PCI	1/2/4	●			●	Linux, NetBSD, FreeBSD
OSS-wanPCI-HC4T1E1	PCI	4	●		●	●	Linux
OSS-wanPMC-C1T3	PMC	1		●		●	Linux
OSS-wanPMC-CxT1E1	PMC	1/2/4	●			●	Linux, NetBSD, FreeBSD
OSS-wanPMC-xT3E3	PMC	1 or 2		●			Linux
OSS-wanPTMC-256T3	PTMC	1		●	●	●	Linux
OSS-wanPTMC-C4T1E1	PTMC	4	●		●	●	Linux

## Single-port T1/E1 PCI adapter



Part #: OSS-wanPCI-1T1E1LP

The OSS-wanPCI-1T1E1LP is an industry standard PCI card providing direct high-speed access for connecting networks using T1 or E1 service. The adapter is software configurable to operate at speeds of either 1.544 Mbps or 2.048 Mbps. The configuration flexibility, highly integrated design, and exceptional reliability of this adapter make it a most cost-effective alternative for direct, clear channel, T1 or E1 connectivity requirements.

### Features

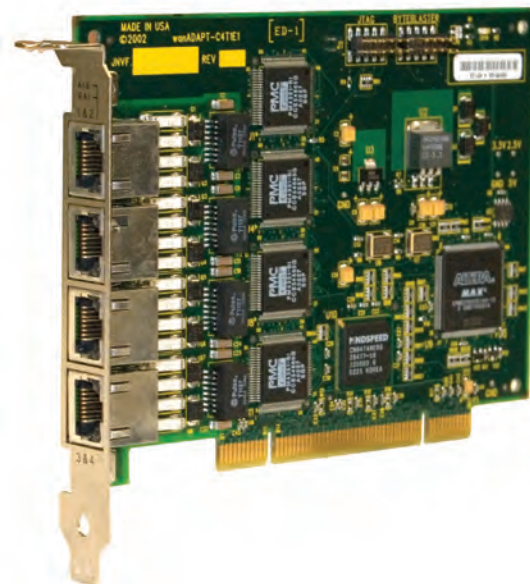
- Low profile PCI form factor with optional short height front bracket
- Fully integrated CSU/DSU functionality
- Software selectable T1 or E1 interface
- Long haul or short haul line buildouts
- B8ZS/HDB3 zero suppression
- 100 or 120 ohm cable
- Open source drivers included

## Multi-port T1/E1/J1 PCI adapter

The OSS-wanPCI-CxT1E1's PCI short card form factor easily integrates onto host CPU PCI sites to build powerful protocol processing solutions addressing high-density SS7, wireless, wireline and network convergence applications. Providing a wide range of carrier-class features and flexible technology, the adapter is a simple and effective way to reduce time-to-market and development costs.

### Features

- 128 channels (DS0)
- Supports D4, SF, ESF, SLC-96 and JT-6704 framing
- T1/E1/J1 interfaces
- Wide range of line buildouts from DSX to DS1
- Selectable clock options including distributed central office clock
- Support for hyperchannels and subchannels
- JTAG connectivity provided via an optional 2x5 header to enable in-circuit test capability
- Remote version query to identify serial number and hardware
- Linux, FreeBSD and NetBSD drivers



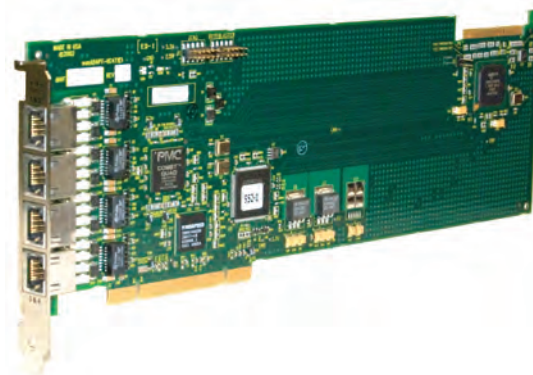
Part #: OSS-wanPCI-CxT1E1

## Quad-port T1/E1/J1 PCI adapter

The OSS-wanPCI-HC4T1E1 is a combination of H.100 TDM technology and four full-featured T1/E1/J1 interface ports with a high-density synchronous communications controller. The OSS-wanPCI-HC4T1E1 has an ETCF standard H.100 TDM interface that extends the standard PCI functionality to include a local CT Bus port. With full local CT Bus access to all timeslots of both the T1/E1/J1 ports and the 128 channel synchronous communications controller, the OSS-wanPCI-HC4T1E1 brings the flexibility of modular I/O to computer telephony and convergence solutions.

### Features

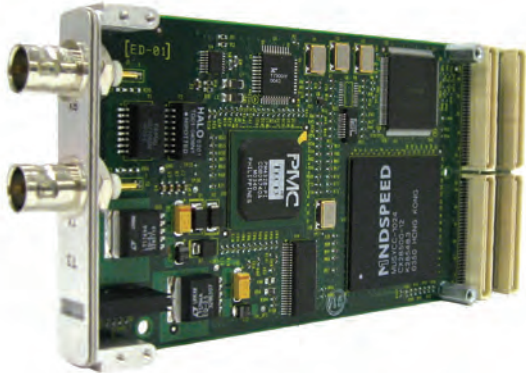
- H.100 TDM bus with edge card connector
- Four T1/E1/J1 interfaces
- 128 channel synchronous communications controller
- HDLC, SS7 and transparent modes
- Support for hyperchannels and subchannels
- Onboard timeslot interchanger
- SF, ESF, SLC96, G.704 and JT-G.704 framing
- Programmable line buildout
- Support for local, loop and distributed clocking with fallback



Part #: OSS-wanPCI-HC4T1E1

# WAN Products

## Single-port Channelized T3 PMC



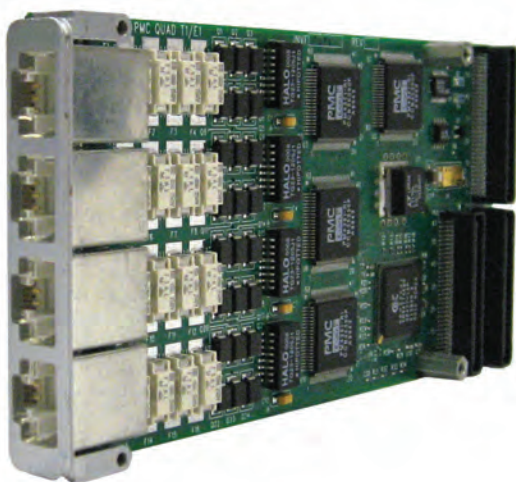
Part #: OSS-wanPMC-C1T3

The OSS-wanPMC-C1T3 is a fully channelized T3 WAN PMC adapter capable of terminating 672 HDLC channels. Designed to enable advanced voice and data applications, such as Voice over Internet Protocol (VoIP), video on-demand, voice conferencing, Internet routing and SAN pipes, the OSS-wanPMC-C1T3 integrates a fully channelized, single port T3 interface with an HDLC/transparent controller on a single PMC slot.

### Features

- Link and activity LEDs
- Rear I/O option
- Driver support for RedHat and TimeSys embedded Linux
- Now available with pre-ported and fully tested TMS software
- Fully channelized T3 interface on single PMC slot
- Capable of terminating 672 HDLC channels
- HDLC and transparent modes
- 32/64-bit, 33/66 MHz PCI 2.1 bus interface
- Line Interface Unit provides signal conditioning, B3ZS coding and loopback capability
- M13 and G.747 multiplexing
- Software selectable loop or line timing mode

## Multi-port T1/E1/J1 PMC



Part #: OSS-wanPMC-CxT1E1

The OSS-wanPMC-CxT1E1's single wide PMC form factor easily integrates onto host CPU PMC sites and carrier boards to build powerful protocol processing solutions addressing high-density SS7, wireless, wireline and network convergence applications. Providing a wide range of carrier-class features and flexible technology, the OSS-wanPMC-CxT1E1 is a simple and effective way to reduce time-to-market and development costs.

### Features

- Available in PTMC telecom form factor
- 128 channels (DS0)
- Supports D4, SF, ESF, SLC-96, and JT-6704 framing
- T1/E1/J1 interfaces
- Wide range of line buildouts from DSX to DS1
- Selectable clock options including distributed central office clock
- Support for hyperchannels and subchannels
- JTAG connectivity provided
- Linux, FreeBSD and NetBSD drivers are available
- Remote version query to identify serial number and hardware attributes

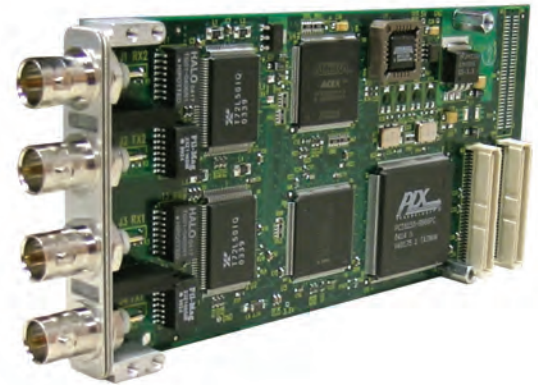
# WAN Products

## Multi-port T3/E3 PMC

The OSS-wanPMC-xT3E3 opens a new era in high-performance, low cost, WAN connectivity solutions for any networking device or system utilizing a data bus architecture based on the PCI Mezzanine Card (PMC) standard. The OSS-wanPMC-xT3E3 is a single or a dual channel DS3/E3 PMC adapter for use on PCI, CompactPCI and VME carrier platforms. It combines two or one clear channel DS3 or E3 software selectable interfaces with M13 and C-bit mode capabilities (DS3) on a single PMC slot. The OSS-wanPMC-xT3E3 protocol processing capabilities include HDLC as well as transparent mode.

### Features

- Full T3 and E3 connectivity
- Onboard DSX-3/E3 transceivers
- Two or four 75 ohm BNC coaxial connectors
- Software selectable DS3 or E3
- Full duplex connectivity at DS3 rate of 44.736 Mbps or the E3 rate of 34.368 Mbps
- B3ZS/HDB3 line encoding/decoding
- C-bit parity encoding and error counting
- Fractional T3 support
- Payload scramblers
- Open source drivers for Linux, NetBSD and FreeBSD



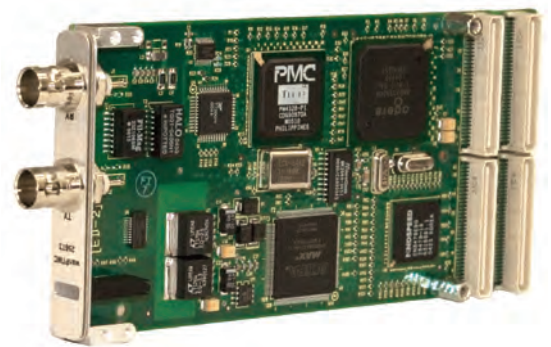
Part #: OSS-wanPMC-xT3E3

## Single-port Channelized T3 PTMC

The OSS-wanPTMC-256T3 integrates a fully channelized T3 line interface and the latest PCI Telecom Mezzanine Card (PTMC) technology with a multichannel synchronous communications controller to yield a high-density, modular interface for computer telephony softswitch and VoIP applications.

### Features

- Fully channelized T3 interface
- PTMC CT bus enabled module (PT2MC)
- Terminates 256 HDLC channels
- HDLC, SS7 and transparent modes
- Support for hyperchannels and subchannels
- M23 and C-bit parity DS3 framing
- Support for CAS and CCS signaling
- T1 framing to D4, SF or ESF formats
- Selectable line buildout



Part #: OSS-wanPTMC-256T3

# LAN Products

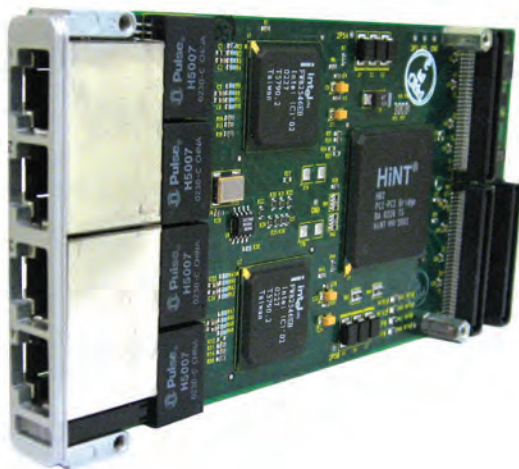
## Introduction

One Stop Systems' LAN adapter products are focused on high speed Ethernet technology. We offer single, dual or quad port LAN adapter modules for PCI, PMC and AdvancedMC architectures that can be used in CompactPCI, VME, AdvancedTCA (ATCA) and proprietary platforms.

### LAN Product Comparison

Product Name	Form Factor	# Channels	Gigabit Ethernet	Fast Ethernet	Optical	Copper	Driver Support
OSS-lanPMC-4GC	PMC	4	●	●		●	Linux, Windows
OSS-lanPMC-4GF	PMC	4	●		●		Linux, Windows
OSS-lanPMC-2GC	PMC	2	●	●		●	Linux, Windows
OSSlanPMC-2GF	PMC	2	●		●		Linux, Windows
OSSlanAMC-4GC	AMC	4	●	●		●	Linux
OSS-lanPCI-4GC	PCI	4	●	●		●	Solaris 8/9, Linux
OSS-lanPCI-2GC	PCI	2	●	●		●	Solaris 8/9, Linux
OSS-lanPCI-4FC	PCI	4		●		●	Solaris 8/9
OSS-lanPCI-1FC	PCI	1		●		●	Solaris 8/9

## Gigabit Ethernet PMC



Part #: OSS-lanPMC-4GC

The OSS-lanPMC line of two and four port Gigabit Ethernet controllers open a new era in high-performance, low cost, LAN connectivity solutions for any system or networking device utilizing the PCI Mezzanine Card (PMC) standard bus architecture. Offering both copper (OSS-lanPMC-xGC) and fiber (OSS-lanPMC-xGF) versions, these high-performance adapters are designed for embedded applications requiring 10/100/1000 Mbit Ethernet connectivity.

### Features

- Two or four auto-negotiating 10/100/1000 Ethernet ports
- Single or dual Intel 82546 MAC/PHYs on single PMC slot
- 33/66 MHz and 32/64-bit PCI 2.2 bus interface
- Link and activity LEDs
- Drivers for Linux and Windows

### OSS-lanPMC-xGF (fiber version)

- Two or four fiber optic LC, VF-45 or MT-RJ connections
- Supports long reach and short reach wavelength transceivers
- Full compliance to IEEE 802.3z

### OSS-lanPMC-xGC (copper version)

- Two or four standard RJ-45 copper connections
- Auto-sensing speed, simplex/duplex, flow control and detection of polarity and cable lengths

# LAN Products

## Gigabit Ethernet AMC

### Features

- Single width, full height module (PICMG® AMC.1 Rev 1.0)
- Four auto-negotiating 10/100/1000 Ethernet ports with RJ-45 (copper) connectors
- Native PCI Express design features high performance Marvell Yukon® II MAC/PHYs
- TCP, IP, UDP checksum offload
- Dynamic interrupt moderation for improved system performance
- Jumbo frame support
- IEEE 802.1q VLAN tagging
- IEEE 802.1p QoS support
- Link and activity LEDs for each port

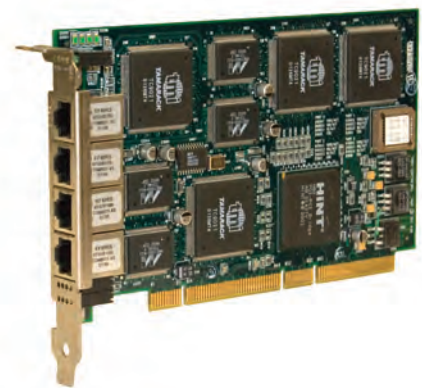


Part #: OSS-lanAMC-4GC

## Gigabit Ethernet PCI adapter

### Features

- Four auto-negotiating 10/100/1000 Ethernet ports
- 33/66 MHz, 32/64-bit PCI 2.2 bus interface
- Link and activity LEDs
- VLAN tag filtering, insertion and removal
- Jumbo frame support, transmit and receive
- IP/TCP/UDP hardware checksum calculation and verification
- Full compliance to IEEE 802.3z, 802.3x, 802.1p and 802.1q
- Failover and Trunking support
- Drivers for Solaris and Linux



Part #: OSS-lanPCI-4GC

## Dual Gigabit Ethernet PCIe adapter

### Features

- 3U EXP Type 2 Form Factor
- Utilizes Intel 82571EB Dual Gigabit Ethernet Controller
- Yellow/Green – Green LEDs on each RJ-45 Jack
- CAT6 Copper Interface
- 48 Kbyte on-chip packet buffer
- Hot swap and non-hot swap versions available
- RoHS Compliant



Part #: OSS-CPCIe-ETH-3U

# Carrier Boards

## Processing Platform for CPCI



Part #: OSS-HighWire HW400c/2

The OSS-HW400c/2 is a flexible high-performance core-processing platform for building powerful processor enabled CompactPCI (CPCI) telephony and data communications I/O solutions. Advanced features include two PCI Telecom Mezzanine Card (PTMC) sites for CT Bus enabled I/O interfaces that are interconnected through a high-speed Layer 2 Gigabit Ethernet switch to the dual node CompactPCI Packet Switched Backplane (cPSB). The HighWire core architecture provides a powerful computing environment for addressing a wide range of communications applications.

### Features

- MPC7447A PowerPC processor, 1.0 GHz
- Two CT Bus enabled PTMC sites (autosensing PT2MC or PT5MC)
- High speed non-blocking Gigabit Ethernet switch
- Dual node Gigabit Ethernet (PICMG 2.16 cPSB)
- Front panel management via 10/100/1000 Ethernet
- H.110 CT Bus interface (4096 timeslots)
- Full and basic CompactPCI Hot Swap (PICMG 2.1)
- System Management IPMI/IPMB (PICMG 2.9)
- Front and rear I/O support
- Up to 1 GB DDR333 SDRAM
- 128 MB Flash File System
- Linux Developer Kit

## PTMC Core Processing Platform



Part #: OSS-HighWire HW400c/M

The OSS-HW400c/M is a flexible feature rich core-processing platform for building advanced processor enabled CompactPCI telephony and data communications I/O solutions. Advanced features include two PCI Telecom Mezzanine Card (PTMC) sites for CT Bus enabled or standard PMC modular I/O interfaces. Two 10/100 Ethernet controllers provide front or rear panel access or dual node CompactPCI Packet Switched Backplane (cPSB) support. The MPC8245 PowerPC processor and the HighWire core architecture provide a powerful computing environment for addressing a wide range of protocol and application processing requirements.

### Features

- MPC8245 PowerPC processor, 333 MHz
- Two CT Bus enabled PTMC sites
- Mix and match PMC and PTMC
- Dual node 10/100 Ethernet (PICMG 2.16 cPSB)
- H.110 CT Bus interface (4096 timeslots)
- Full and basic CompactPCI Hot Swap (PICMG 2.1)
- 32/64-bit, 33/66 MHz PCI 2.2 compliant
- Front and rear I/O support
- 128 MB SDRAM
- 33 MB Flash Memory
- Linux Developer Kit

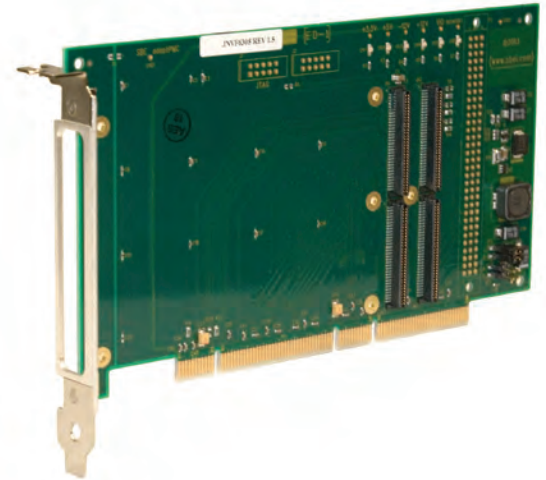
# Carrier Boards

## PMC to PCI Carrier

The OSS-adaptPCI-PMC is a single slot PCI card that facilitates the integration of any PMC or PTMC board into standard PCI systems. Designed to host any 32- or 64-bit PMC module, the OSS-adaptPCI-PMC is a passive PMC-to-PCI adapter requiring no special bridge software to integrate PMC mezzanine cards into a PCI system.

### Features

- Single slot PCI to PMC carrier card
- Designed to host any 32/64-bit PMC or PTMC module
- 32/64-bit, 33/66 MHz PCI 2.1 compliant
- No special bridge software required
- Available bundled with PMC and/or PTMC modules or sold individually for use with any standard third-party module
- Supports PN1 to PN4
- 3.3V or 5V signaling



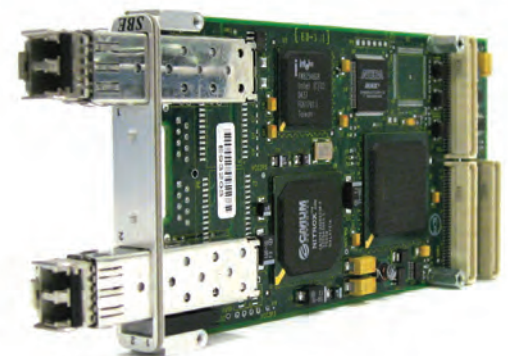
Part #: OSS-adaptPCI-PMC

# Security Board

The OSS-securePMC series of high-performance security offload solutions is designed for integration into Linux-based systems. Advanced encryption processors accelerate SSL and IPsec cryptographic operations, significantly improving security, performance and availability of your applications. Designed to enable quick integration by OEMs, VARs and end users, the board is ideal for use in a wide variety of networking equipment.

### Features

- IPsec and SSL encryption on a single PMC board
- Multi-Algorithm support: RSA, Diffie-Hellman (groups 1, 2, 5), DES/3DES, AES, ARC4, MD5, SHA-1, HMAC-MD5, HMAC-SHA1
- Features Cavium security processor
- Up to 1 Gbps bulk data encryption and hashing
- Designed to meet FIPS 140-2 Level 2 requirements; Versions available to meet FIPS 140-2 Level 3 requirements
- PCI 32/64-bit, 33/66 MHz bus interface
- 3.3V PCI signaling
- Dual Gigabit Ethernet fiber or copper ports available



Part #: OSS-securePMC

## Host Interface Boards (HIB)

Host boards extend the PCIe bus to an expansion system or PCIe device.

The PCIe adapters are factory-configured to operate in host or target mode.

**Host mode (-H):** Configured in host mode, the adapter installs in a PCIe x4, x8, or x16 slot of a motherboard or backplane and cables to an expansion board (OSS-ELB-SHB-x4) or other PCIe device.

**Target mode (-T):** Configured in target mode, the adapter installs in the target slot of an OSS target backplane of an expansion system or device. The target mode only works when installed in the target backplane.

**Target backplane:** The target backplane is a specially configured two-slot backplane with one system slot for the target adapter and one slot for a PCIe x1, x4 or x8 add-in card. This allows the add-in card to operate in a device as an extension of the host system.

### PCIe x4 Passive HIB



- PCI Express x4 cable connector on slot cover
- Power on / cable present LEDs
- No software drivers, switches or redrivers required
- Supports .5m to 7m x4 cables
- 10 Gbps cable bandwidth

Part #: OSS-PCIe-HIB2-x4-P

### CPCIe x4 HIB



- PCI Express x4 cable connector on face plate
- Power on/cable present LEDs
- No Software Drivers Required
- PICMG EXP.0 system slot compliant
- x4 PCI Express PCI-SIG compliant cable uplink
- 10 Gbps cable bandwidth
- 3U or 6U form factor

Part #: OSS-PCIe-HIB2-x4

### PCIe x4 HIB



- PCI Express x4 cable connector on slot cover
- Power on / cable present LEDs
- No software drivers required
- Redriver-based technology
- Target modes also available
- Lane demphasis, equalation and output swing control dip switches featured on both modes
- 10 Gbps cable bandwidth

Part #: OSS-PCIe-HIB2-x4-H

Part #: OSS-PCIe-HIB2-x4-T

### PCIe x4 Switch HIB



- PCI Express x4 cable connectors on slot cover
- Lane width indicator LEDs
- No software drivers required
- Lane configuration dip switches
- 10 Gbps cable bandwidth

Part #: OSS-PCIe-HIB1-x4

### PCIe x4 Express Card



- Installs in laptop Express Card 34 slot
- PCIe x1 connection to x4 cable connector
- No software driver required
- Powered cable connectors
- 2.5 Gbps Cable Bandwidth

Part #: OSS-PCIe-HIB2-EC-x4

## Host-to-Expansion Link Board (ELB)



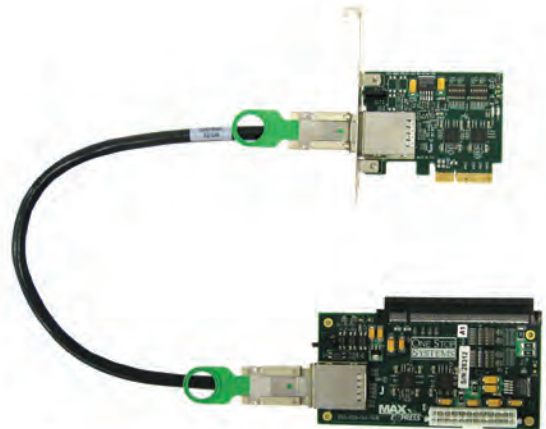
- Two x4 PCI Express (10Gbps) connectors on slot cover
- Upstream/downstream lane active LEDs on slot cover
- Auto-configurable through backplane PCI Express links through the PICMG 1.3 card edge connector
- Voltage monitor LEDs on board
- Optional power connector for embedded applications
- 10 Gbps cable bandwidth

Part #: OSS-ELB-SHB-x4

- PCIe x4 Host Interface Board (HIB2) can be inserted into a x4, x8 or x16 slot of a host enclosure
- Expansion Link Board fits into the system slot of downstream expansion chassis
- PCIe x4 cable with x4 connectors in .5m, 1m, 2m, 5m or 7m lengths
- Ideal for linking to expansion systems with multiple slots

Part #: OSS-KIT-EXP-1000

## Host-to-Expansion Cable adapter (ECA)



- Versatile board installs in small space
- Supports any x1, x4, x8, or x16 PCIe add-in card
- ATX power connector provides 75 watts of power
- Cable present and Power-on LEDs for the uplink and downlink
- 10 Gbps cable bandwidth

Part #: OSS-PCle-ECA-x4

- PCIe x4 HIB2 installs into a x4, x8 or x16 slot of a host enclosure
- ECA is a free-standing x4 adapter board with a x16 connector
- PCIe x4 cable with x4 connectors in 1.5m, m, 2m, 5m or 7m lengths
- Ideal for linking to single PCIe card

Part #: OSS-KIT-EXP-2000

## x4 Host-to-Target adapters



- PCIe x4 Host Interface Board can be inserted into a x4, x8 or x16 slot of a host enclosure
- Target HIB2 fits into target slot of downstream 2-slot target backplane
- 2-slot target backplane
- Ideal for linking to downstream device
- PCIe x4 cable with x4 connectors in .5m, 1m, 2m, 5m or 7m lengths

Part #: OSS-KIT-EXP-3000

- PCIe-based backplane supports one x4 or x8 host interface board and one x4 or x8 add-in board
- Includes ATX Power connector

Part #: OSS-EBP-2000

## x4 Host-to-CPCI Bridge Board



- PCIe x4 Host Interface Board can be inserted into a x4, x8 or x16 slot of a host enclosure
- 3U CompactPCI expansion bridge board installs in downstream cPCI system slot
- PCIe x4 cable with x4 connectors in .5m, 1m, 2m, 3m, 5m or 7m lengths
- Ideal for linking to downstream CPCI expansion system

Part #: OSS-KIT-EXP-4000

- 3U CPCI bridge board with PCIe-to-PCI bridge installs in system slot of CPCI backplane or another board
- PCIe x4 cable connector on front panel
- Also available in 6U form factor

Part #: OSS-3U-CPCI-HEB

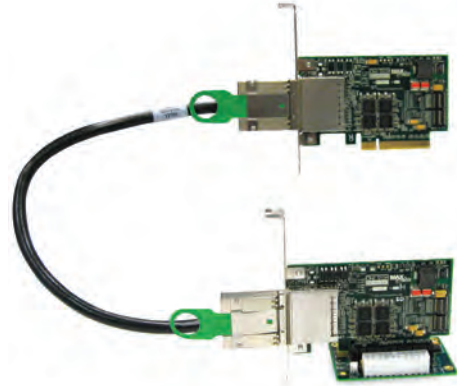
Part #: OSS-6U-CPCI-HEB

## x8 Host-to-Target adapter



- PCIe x8 cable connector on slot cover
- Power on/cable present LEDs
- No software drivers, switches or redrivers required
- Supports .5m to 7m PCIe x8 cables
- Host and target mode option

Part #: OSS-PCIe-HIB2-x8-H  
 Part #: OSS-PCIe-HIB2-x8-T



- PCIe x8 Host Interface Board can be inserted into a x8 or x16 slot of a host motherboard or backplane
- Target HIB2 fits into target slot of downstream 2-slot target backplane
- 2-slot target backplane
- PCIe x8 cable with x8 connectors in .5m, 1m, 2m, 3m, 5m and 7m lengths

Part #: OSS-KIT-EXP-5000

## Host-to-3U CPCIe ELB



- PICMG EXP.0 system slot compliant
- x4 PCI Express PCI-SIG compliant cable Uplink
- Configurable 2x8 or 4x4 PCI Express links to the backplane
- 10Gbps cable bandwidth
- 3U or 6U form factor

Part #: OSS-ELB-3U



- PCIe x4 Host Interface Board can be inserted in x4, x8, or x16 slot of a host motherboard or backplane
- 3U (or 6U with adapter plate) cPCIe Expansion Link Board can be installed in system slot of cPCIe backplane to provide operation of downstream IO boards
- PCIe x4 cable with PCIe x4 cable connectors in .5m, 1m, 2m, 3m, 5m, and 7m lengths

Part #: OSS-KIT-EXP-6000

## 1U Switch



- One x4 PCIe uplink to the host chassis
- Seven x4 PCIe downlinks to expansion chassis or PCIe devices
- Adjustable mounting positions for rack ears
- Slim 1U design
- LED display indicating link status for each connection
- Power input and LED displays on front & rear panels

Part #: OSS-SW-1U-x4

## PCIe Cables



### x4/x8 Cable PCI-SIG-compliant

Available in lengths of:

- .5m OSS-CABLE-PCIe-x4-.5M / OSS-CABLE-PCIe-x8-.5M
- 1m OSS-CABLE-PCIe-x4-1M / OSS-CABLE-PCIe-x8-1M
- 2m OSS-CABLE-PCIe-x4-2M / OSS-CABLE-PCIe-x8-2M
- 3m OSS-CABLE-PCIe-x4-3M / OSS-CABLE-PCIe-x8-3M
- 5m OSS-CABLE-PCIe-x4-5M / OSS-CABLE-PCIe-x8-5M
- 7m OSS-CABLE-PCIe-x4-7M / OSS-CABLE-PCIe-x8-7M

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