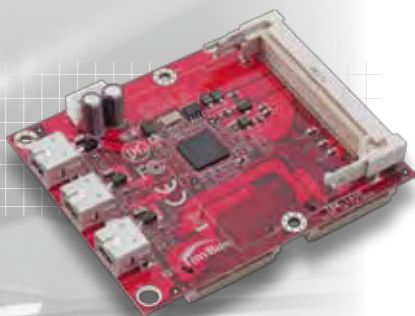


TBM-1450

**Tiny-Bus® PCIe IEEE1394b FireWire 800 Host Module
with 3 IEEE1394b FireWire 800 Ports and Mini-PCI Socket**



Key Features

TBM-1450 Tiny-Bus® PCIe IEEE 1394b FireWire 800 host module offers 3 external IEEE1394b FireWire 800 ports with 1.5A/+12V DC power output, suitable for the industrial small form factor (SFF) embedded x86-based computing applications.

- ▶ Onboard PCI Express based IEEE1394b FireWire controller.
- ▶ Supports 3 external IEEE1394b FireWire 800 ports.
- ▶ Supports 1.5A/+12V DC power output on each port.
- ▶ Mini-PCI Type-III/A/B socket.
- ▶ Embedded Tiny-Bus® Modular Extension Solution.

General Specification

- ▶ Tiny-Bus® Modular Extension Solution with PCI Express / PCI interface.
- ▶ Onboard PCI Express LSI Agere FW643 IEEE1394 FireWire controller.
- ▶ Supports multiple IEEE1394 (1394-1995, 1394a-2000, and 1394b).
- ▶ Enhanced with IEEE1394 OHCI 1.2 draft specification.
- ▶ 100/200/400/800 Mbps of data transfer bandwidth.
- ▶ Supports hot-swapping and PnP connection for peripheral devices.
- ▶ Supports 1.5A/+12V DC power output on each port.
- ▶ Onboard mini-PCI type-III/A/B socket.

External / Internal Connector

- ▶ External 3 9-pin IEEE1394b FireWire 800 connectors.
- ▶ Onboard +12V auxiliary power input connector.
- ▶ Onboard 124-pin mini-PCI Type-III socket.

Compatible EmBoard

ITX-6M45	Mini-ITX Intel GM45 Core Duo Penryn Express EmBoard
ITX-6965	Mini-ITX Intel GME965 Core2 Duo Merom Express EmBoard
ITX-6945	Mini-ITX Intel 945GME Core2 / Core Express EmBoard
ITX-6910	Mini-ITX Intel 915GME Pentium M Express EmBoard
ITX-6900	Mini-ITX Intel 915GME Pentium M Express EmBoard
EMB-5930	5.25" Intel GME965 Core2 Duo Express Multimedia EmBoard
EMB-5940	5.25" Intel GME965 Core2 Duo Express Networking EmBoard
EMB-5950	5.25" Intel Atom 945GSE Express EmBoard
EMB-3100	5.25" Intel Atom eMenlow Express EmBoard (w/o mini-PCI)

Ordering Code

TBM-1450FP	Tiny-Bus PCIe IEEE1394b FireWire 800 Host Module with 3 IEEE1394b connectors and Mini-PCI Socket
TBM-1450F	Tiny-Bus PCIe IEEE1394b Firewire 800 Host Module with 3 IEEE1394b connectors (for EMB-3100 EmBoard)

For the further information, please visit the website of <http://www.liantec.com>.

Application Sample



TBM-1450 Tiny-Bus® PCI Express IEEE1394b Firewire module on the ITX-6965 Mini-ITX GME965 Core2 Duo Express EmBoard, supports 800Mbps IEEE1394b Firewire interfaces.

All specifications in this document are subject to change without notice.