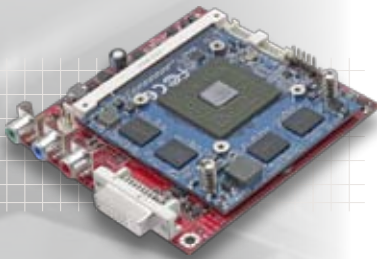


TBM-1610

Tiny-Bus® x16 PCI Express MXM Type-II Module with VGA, DVI, SDTV / HDTV Interfaces



Key Features

The TBM-1610 is based on the x16 PCI-Express NVIDIA MXM mobile graphics technology, and features the Tiny-Bus® Modular Extension Solution for the industrial small form factor (SFF) embedded x86-based computing applications.

- ▶ Easy-to-upgrade with NVIDIA standard MXM mobile graphics module on embedded platform.
- ▶ x16 PCIe based advanced GPU with onboard video memory.
- ▶ Liantec embedded Tiny-Bus® Modular Extension Solution.

General Specification

- ▶ Tiny-Bus® Modular Extension Solution with x16 PCIe graphics interface
- ▶ NVIDIA MXM (Mobile PCI-eXpress Module) technology
- ▶ MXM Type-I/II socket supports MXM Type-I/II mobile graphics module
- ▶ External DVI and HDTV Y/Pb/Pr RCA connectors
- ▶ Board-to-board connection for TV-out interface with EmBoard
- ▶ Cable connection for VGA interface with EmBoard

External / Internal Connector

- ▶ Onboard MXM socket for MXM type-I/II mobile graphics module
- ▶ External DVI connector
- ▶ External Y/Pb/Pr HDTV RCA connectors
- ▶ Onboard TV-out header connector (with TV-out connector on EmBoard)
- ▶ Onboard VGA pin header connector (with VGA connector on EmBoard)

Cable Kit

MXM-to-Motherboard VGA cable

Application Notice

The ITX-series EmBoard should change the 4-USB connector to 2-USB

Compatible EmBoard

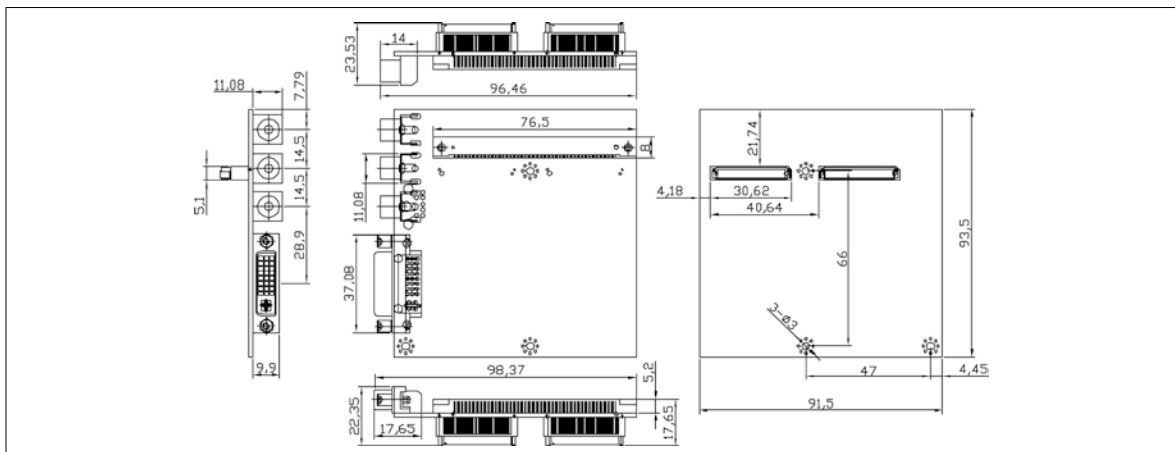
ITX-6M45	Mini-ITX Intel GM45 Express EmBoard
ITX-6965	Mini-ITX Intel GME965 Express EmBoard
ITX-6945	Mini-ITX Intel 945GME Express EmBoard
ITX-6900	Mini-ITX Intel 915GME Express EmBoard

Ordering Code

TBM-1610MXM Tiny-Bus x16 PCIe MXM Mobile Graphics Module
Supports NVIDIA MXM Type-I/II Graphics Module
with DVI, HDTV Y/Pb/Pr RCA, TV-out, VGA Interface

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

Mechanical Drawing



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