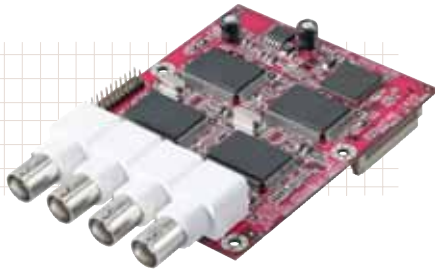


TBM-1420

Tiny-Bus PCI Express Video Capture Module with 4-Channel 120 fps Video Capture Interface



Key Features

The TBM-1420 is based on the x1 PCIe (x1 PCI-Express) to four PCI bridge with four onboard PCI-based video capture controllers, features the PCIe-based modular expansion solution for the industrial small form factor (SFF) embedded x86-based computing applications.

- Four BT878A video capture chips with x1 PCIe to 4 PCI bridge.
- High data transfer bandwidth with PCI Express bus interface.
- Liantec embedded Tiny-Bus® Modular Expansion Solution.

Specification

Tiny-Bus® Modular Expansion Solution with x1 PCIe (x1 PCI Express) and PCI-based bus interface

Onboard PCIe to PCI bridge supports 4 bus master PCI bus interface

Onboard 4 PCI-based BT878A video capture controllers

Supports video input data transfer rate up to 120 fps MAX

External / Internal Connector

External four BNC video input connectors

Compatible EmBoard

ITX-6965	Mini-ITX Intel Mobile 965 Express EmBoard
ITX-6945	Mini-ITX Intel Mobile 945 Express EmBoard
ITX-6910	Mini-ITX Intel Mobile 915 Express EmBoard
ITX-6900	Mini-ITX Intel Mobile 915 Express EmBoard

Ordering Code

TBM-1420B4	Tiny-Bus PCI Express Video Capture Module with PCIe Bridge to 4 BT878A Video Capture Controller
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Mechanical Drawing

