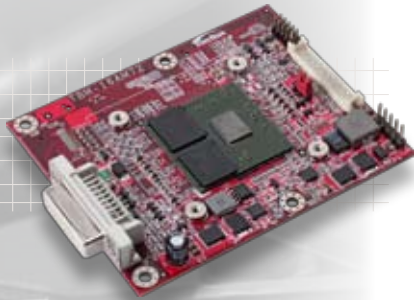


TBM-16AM72

Tiny-Bus® x16 PCIe ATi M72 E2400 Graphics Module
On-Chip 128MB VRAM, with VGA, DVI, LVDS Interfaces



Key Features

The TBM-16AM72 is integrated with x16 PCI Express based AMD-ATI embedded Radeon E2400 M72 GPU, with 128MB on-chip VRAM, and features the modular Extension solution for the industrial small form factor (SFF) embedded x86-based multimedia computing applications.

- ▶ x16 PCIe based advanced GPU with independent video memory.
- ▶ AMD-ATI embedded mobile Radeon E2400 M72 GPU with on-chip video memory.
- ▶ Liantec embedded Tiny-Bus® Modular Extension Solution.

General Specification

- ▶ Tiny-Bus® Modular Extension Solution with x16 PCIe graphics interface
- ▶ Onboard AMD-ATI embedded Radeon HD E2400 M72 GPU
- ▶ Hardware H.264/VC-1 decoding of blu-ray and HD DVDs
- ▶ Hardware MPEG-1, MPEG-2, MPEG-4/DivX video decode acceleration
- ▶ MPEG-2, MPEG-4, DivX, WMV9, VC-1, H.264/AVC encode / transcode.
- ▶ Two independent display controllers, drive two displays simultaneously with independent resolutions, refresh rates, color controls and video overlays for each display.
- ▶ On-chip 128MB 64-bit GDDR3 VRAM
- ▶ Resolution 1920 x 1200 for DVI and 2048 x 1536 for VGA ports.
- ▶ Microsoft DirectX 10 and Windows Vista, OpenGL 2.0 support

External / Internal Connector

- ▶ Onboard 2*18-/24-bit LVDS with Hirose DF13-40DP-1.25V connector
- ▶ External DVI-I connector with DVI and VGA output
- ▶ Onboard VGA pin header connector (with VGA connector on EmBoard)

Cable Kit

TBM-16AM72 module-to-Motherboard VGA cable

Compatible EmBoard

ITX-6M45	Mini-ITX Intel GM45 Core2 Duo Express EmBoard
ITX-6965	Mini-ITX Intel GME965 Core2 Duo Express EmBoard
ITX-6945	Mini-ITX Intel 945GME Core2 / Core Express EmBoard
ITX-6900	Mini-ITX Intel 915GME Pentium M Express EmBoard

Ordering Code

TBM-16AM72-128	Tiny-Bus x16 PCIe AMD-ATI M72 Graphics Module with AMD-ATI E2400 M72 GPU and 128MB VRAM External DVI-I and Internal LVDS Interface
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For the further information, please visit the website of <http://www.liantec.com>.

Application Sample



Liantec TBM-16AM72 Tiny-Bus® x16 PCI Express graphics module on ITX-6965 Mini-ITX Core 2 Duo Mobile Express EmBoard, supports AMD-ATI Radeon E2400 M72 GPU engine, 128MB VRAM with DVI and LVDS extension.

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