

EBC-7050

400Mhz ARM9 Fanless Embedded Box Computers



Introduction

The EBC-7050 fanless Embedded Box Computer is the ideal application ready system platform solution. All electronics are protected in a robust, compact sealed housing for embedding into a housing, or as a stand-alone application, where space is critical and the environment is harsh.

Highly Robust Casting Construction

- Fanless operation in SECC sealed construction
- A special cushioned design that absorbs vibration to ensure maximum reliability under harsh conditions

Highly Compact Size

- With its maximum mounting height of 45 mm, the EBC-7050 can be used under space critical installation conditions

Highly Scalable Performance with Low

Power Consumption

- ARM9 class processors bring high computing performance with low power consumption

Optimized Integration

- Few parts, easy integration, easy maintenance to reduce investment

- Systems are supplied "Ready-to-Run"

Features

- Built-in Ultra Low Voltage Samsung S3C2440A 400Mhz ARM9 SOC
- Sealed construction with fanless operation
- Anti-Vibration to ensure maximum reliability
- Easy integration, easy maintenance and few parts.

Specifications

System

- 400Mhz Samsung S3C2440 ARM9
- Dual-BIOS support
- 128MB SDRAM
- Low Power Consumption
- Debian ARM Linux, source-level compatible with x86 system or QT embedded

Power Supply

- +12V-2A DC power
- +12V connection bypass to backlight inverter board
- Real-time clock battery powered

Display

- SOC LCD Controller or SM501 Chip
- Dual Panel support up to 1280x1024 Resolution
- TTL level or 18-bit LVDS or CRT interface

Ethernet

- Davicom DM9010 10/100 BaseT Ethernet controller

