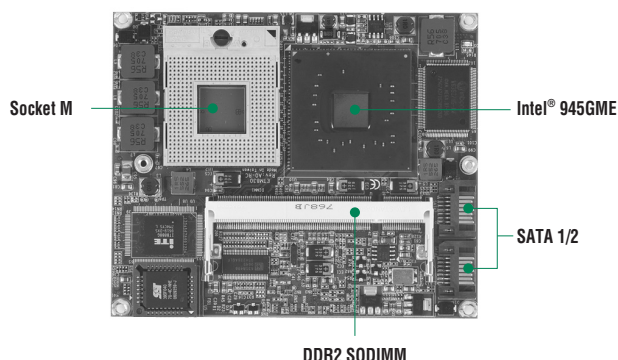


ETM830

Intel® Core™ 2 Duo ETX V3.0 SoM with Multiple I/O Features

New



System

CPU	Intel® Core™ 2 Duo/Core™ Duo/Core™ Solo/ Celeron® M processor with FSB 533/667 MHz
System Memory	1 x 200-pin SODIMM supports DDR2 PC2-4200/5300 max. up to 2GB
Chipset	Intel® 945GME+ICH7M
BIOS	Phoenix-Award 4Mbit with RPL/PXE LAN Boot ROM, SmartView and Customer CMOS Backup
Watchdog Timer	255 levels as reset from 0~255 seconds
Expansion Interface	PCI and ISA through ETX interfaces
Size	114 x 95 mm
Temperature	0~60°C, operation
Operation Humidity	10% ~ 95% relative humidity, non-condensing

I/O

MIO	1 x PATA-100 IDE, 2 x SATA-150, 1 x FDD/LPT, 1 x PS/2 K/B, 1 x PS/2 MS, 2 x UARTs, 1 x IrDA
Ethernet	Realtek RTL8139DL for Fast Ethernet controller
Audio	AC97 Line-in/out/Mic-in through ETX interface Optional 5.1 channel output through JST 6-pin connector
USB	4 x USB 2.0 port

Display

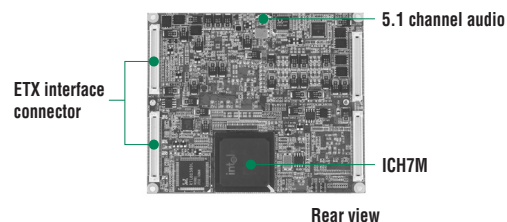
Chipset	Integrated in Intel® 945GME
Memory Size	Max. up to 224MB frame buffer sharing system memory
Resolution	* Standard Display Mode: CRT: 2048 x 1536; 24-bit single/dual channel LVDS LCD: 1920 x 1200
Output Interface	* CRT for DAC output through ETX connector * 24-bit single/dual channel LVDS LCD through ETX connector

Features

ETX® 3.0
Long Term Support



- ▶ Intel® Core™ 2 Duo/Core™ Duo/
Core™ Solo/Celeron® M processor
with FSB 533/667 MHz
- ▶ Intel® 945GME+ICH7M chipset
- ▶ DDR2 533/667 up to 2GB
- ▶ 2 x Serial ATA-150, 1 x PATA-100 supported
- ▶ DualView with different content & resolution
- ▶ 24-bit single/dual channel LVDS LCD supported
- ▶ 4 x PCI Bus master, ISA Bus supported
- ▶ 5.1 channel audio (optional)



Packing List

Quick installation guide
Manual, driver, utility CD, SATA cable (refer to cable list in chapter 9)

Ordering Information

Standard	
ETM830VEA	ETX 3.0 SoM with Socket M, CRT/LVDS LCD, Fast Ethernet, AC97 audio and 2 UARTs ports
Optional	
ETM830VEA-1G	ETM830 with ULV Intel® Celeron® M (423) 1.06 GHz/1MB L2 cache CPU onboard, CRT/LVDS LCD, Fast Ethernet, AC97 audio and 2 UARTs ports
507ETM83000E	ETM830 heatspreader module for BGA type CPU (114 x 51 x 8 mm)
507ETM83010E	ETM830 heatspreader module for PGA type CPU (114 x 51 x 8 mm)
ETB9F000	ATX form factor baseboard