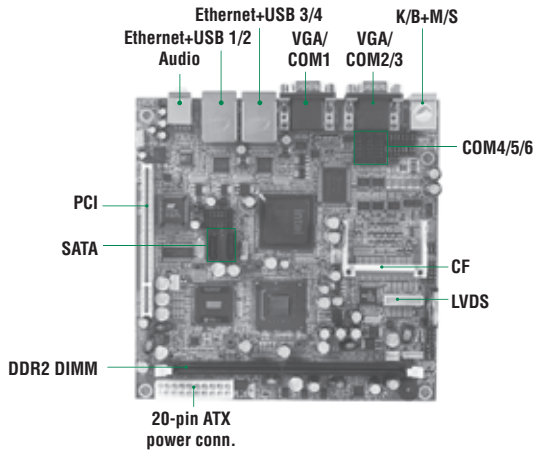


# SBC86836

Intel® Atom™ Mini ITX SBC with Intel® 945GSE+ICH7M Chipset, CRT/LVDS, DualView, 6 COM and Dual LANs

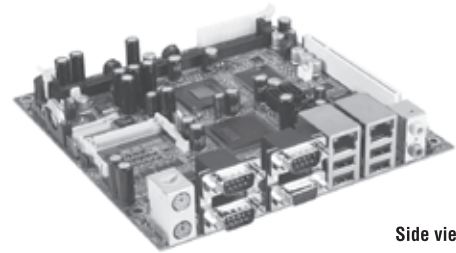
*New*



- Atom™
- Intel® 945GSE
- LVDS/CRT
- 8 USB 2.0
- AC'97 Audio
- 1 PCI
- USB DoM

## Features

- ▶ Intel® Atom™ processor with FSB 533MHz MT/s
- ▶ Intel® Gen 3.5 high performance integrated graphic controller for CRT and LVDS
- ▶ 8 USB 2.0 ports



Side view

## System

CPU	Intel® Atom™ processor with FSB 533 MHz MT/s
System Memory	1x 240-pin DDR2-400/533 DIMM max. up to 2GB
Chipset	Intel® 945GSE+ICH7M
BIOS	AMI 8Mbit with RPL/PXE LAN boot ROM.
Watchdog Timer	255 levels, 1~255 sec.
SSD	1 x CompactFlash™ type-II
Expansion Interface	1 x PCI slot
Battery Lithium	3V/196mAH
Size	170mm x 170mm
Temperature	0°C ~ 60°C (32°F ~ 140°F), operation
Operation Humidity	10% ~ 95% relative humidity, non-condensing

## Display

Chipset	Intel® 945GSE Gen3.5 integrated graphic engine
Memory Size	Max. up to 224 MB frame buffer sharing system memory
Resolution	* VGA: 2048 x 1536 * LVDS LCD: 18/24-bit single/dual channel up to 1600 x 1200
Output Interface	* VGA with D-sub 15-pin connector * LVDS LCD: 18/24-bit single/dual channel mode

## I/O

MIO	1 x PS/2 keyboard 1 x PS/2 mouse 1 x RS-232/422/485 (COM 1); with +5V/12V powered 5 x RS-232 (COM 2~6); with +5V/12V powered
SATA	2 x SATA-150
Ethernet	1st and 2nd port as 10/100/1000Mbps support Wake-on-LAN, RPL/PXE Boot ROM with Realtek RTL8111B
Audio	AC'97 Codec audio as MIC-in/Line-in/Line-out/ Speaker-out with Realtek ALC203
USB	8 x USB 2.0; 4 ports on the rear I/O; 4 ports via connector
SMBus	System Management Bus for advanced monitoring/control interface
Digital I/O	4 channel IN and 4 channel OUT

## Packing List

Standard	
Quick installation guide, user's manual/utility CD, cable	

## Ordering Information

Standard	
SBC86836VGGA-1.6G (P/N: E386836100)	Mini ITX SBC with Intel® Atom™ CPU, CRT/LVDS LCD, 2 10/100/1000Mbps, audio and PCI expansion