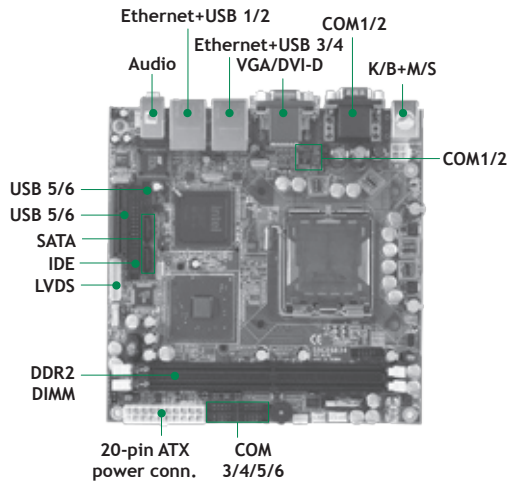


SBC86834

LGA775 Socket Intel® Core™ 2 Duo Mini ITX SBC with Intel® 945GC +ICH7 Chipset, DVI-D/LVDS, 6 USB and 6 COM

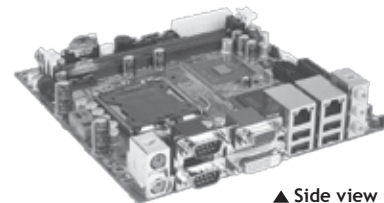


LGA775
Intel® 945GC
6 COM
LVDS/VGA
6 USB 2.0
AC'97 Audio
USB DoM



Features

- LGA775 socket for Intel® Core™2 Duo/Pentium® D/ Pentium® 4 / Celeron® D processor with FSB 800/533 MHz
- 6 COM ports for transaction terminal applications
- Dual 10/100/100Mbps Ethernet
- 6 USB 2.0 ports
- DVI-D output



▲ Side view

System

CPU	LGA775 socket for Intel® Core™2 Duo/Pentium® D/ Pentium® 4/Celeron® D processor with FSB-800/533 MHz
System Memory	2 x 240-pin DDR2-533/667 DIMM max. up to 2GB
Chipset	Intel® 945GC+ICH7
BIOS	Phoenix-Award 8Mbit with RPL/PXE LAN Boot ROM, SmartView and Customer CMOS Backup
SSD	1 x CompactFlash™ type-II (optional)
Watchdog Timer	255 levels, 1-255 sec.
Expansion Interface	1 x PCI Express x4 slot for 4 PCIe x1 expansion through riser (AX96144)
Battery	Lithium 3V/196mAH
Size	170 x 170mm
Temperature	0° C - +60° C (32° F - 140° F), operation
Operation Humidity	10% - 95% relative humidity, non-condensing

Display

Chipset	Intel® 945GC +ICH7
Memory Size	DVMT 3.0 supports up to 224 MB of video memory
Resolution	* VGA: 2048 x 1536 @ 60 Hz with 32-bit color * DVI: 4:3 up to UXGA 1600 x 1200 and widescreen up to WUXGA 1920 x 1200 * LVDS LCD: up to UXGA 1600 x 1200
Output Interface	* VGA with D-sub 15-pin connector * LVDS LCD with 18/36 or 24/48 bit channel mode * DVI connector for DVI-D output

I/O

MIO	1 x PS/2 keyboard 1 x PS/2 mouse 6 x COM (RS-232); with +5V/+12V powered
SATA	2 x SATA-300
Hardware Monitoring	Support CPU/system temperature, CPU/system voltage, and CPU/system Smart Fan features
Ethernet	1 st and 2 nd ports as 10/100/1000Mbps supports Wake-on-LAN, RPL/PXE Boot ROM with Realtek RTL8111B
Audio	AC'97 Codec audio as MIC-in/Line-out/Speaker-out with Realtek ALC203
USB	6 x USB 2.0; 2 ports via box-header
SMBus	System Management Bus for advanced monitoring/control interface
Digital I/O	3 channel IN and 5 channel OUT

Packing List

Standard			
Quick installation guide, user's manual/utility CD, cable			
Cable			
Part Number	Description	SBC86834VGGA Qty	SBC86834DGGA Qty
593826A0000E	SATA single cables 500mm	1	1

Ordering Information

Standard	
SBC86834DGGA (P/N: E386834101)	LGA775 Mini ITX SBC with DVI-D/LVDS LCD, 2 10/100/1000Mbps, 6 USB, 6 COM ports
SBC86834VGGA (P/N: E386834100)	LGA775 Mini ITX SBC with VGA/LVDS LCD, 2 10/100/1000Mbps, 6 USB, 6 COM ports