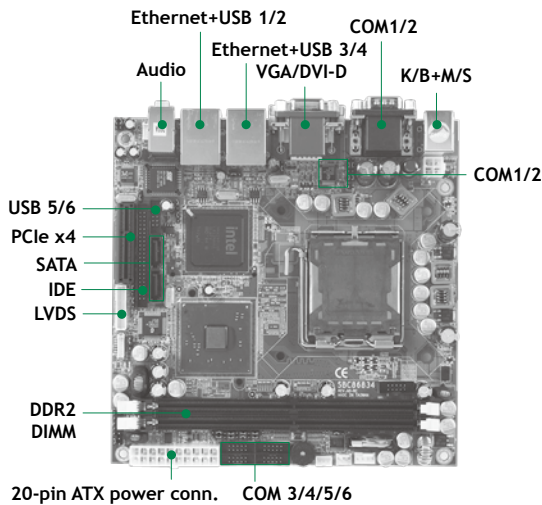


SBC86834

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

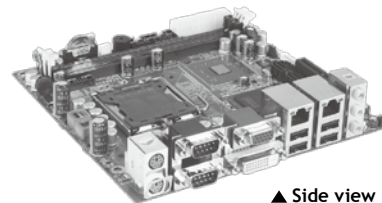


| |
|--------------|
| LGA775 |
| Intel® 945GC |
| 6 COM |
| LVDS/VGA |
| 6 USB 2.0 |
| AC'97 Audio |
| USB DoM |

Features



- LGA775 socket for Intel® Core™2 Duo/Pentium® D/ Pentium® 4 / Celeron® D processor with FSB 800/533 MHz
- Intel® 945GC + ICH7 chipset
- 6 COM ports for transaction terminal applications
- Dual 10/100/1000Mbps Ethernet
- 6 USB 2.0 ports
- DVI-D output (optional)



▲ Side view

System

| | |
|---------------------|--|
| CPU | LGA775 socket for Intel® Core™2 Duo/ Pentium® 4/ Pentium® / Celeron® processors with FSB 533/800 MHz |
| System Memory | 2 x 240-pin DIMM supports DDR2-400/533/667 max. up to 2GB |
| Chipset | Intel® 945GC + ICH7 |
| BIOS | Phoenix-Award |
| SSD | 1 x CompactFlash™ type-II (optional) |
| Watchdog Timer | 255 levels, 1-255 sec. |
| Expansion Interface | 1 x PCIe x4 for 1 x PCIe x4 or 4 x PCIe x1 devices |
| Battery | Lithium 3V/220 mAh |
| Size | 170 x 170 mm |
| Temperature | 0° C ~ +60° C (32° F ~ 140° F), operation |
| Operation Humidity | 10% ~ 95% relative humidity, non-condensing |

I/O

| | |
|---------------------|--|
| MIO | 1 x PS/2 keyboard 1 x PS/2 mouse 6 x RS-232; with +5V/+12V powered |
| SATA | 2 x SATA-300 |
| Hardware Monitoring | Detect CPU/system temperature, voltage and fan speed |
| Ethernet | 2 ports as 10/100/1000Mbps support 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 ports |
| SMBus | System Management Bus for advanced monitoring/control interface |
| Digital I/O | 8 channels (3-IN & 5-OUT) |

Display

| | |
|-------------------|---|
| Chipset | Intel® GMA 950 graphics Core |
| Memory Size | Intel® DVM 3.0 compliant |
| Display Interface | 1 x VGA 1 x LVDS; 18/24-bit single/dual channel 1 x DVI-D (SBC86834DGGA only) |

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 |