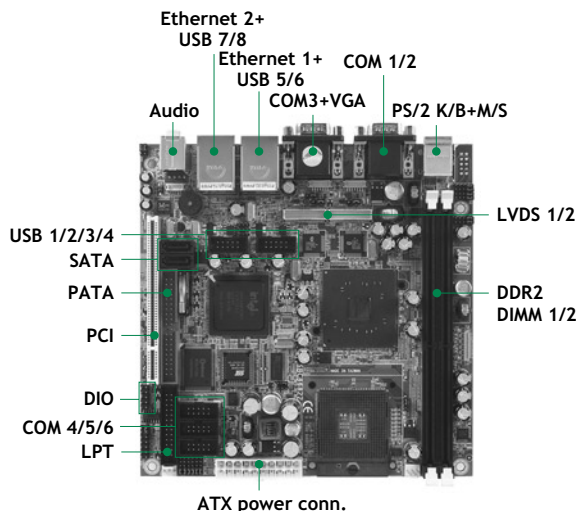


SBC86822

Socket 478 Intel® Pentium® M Mini ITX SBC with Intel® 910GML E + ICH6M Chipset, DualView, SATA and 6 COM ports

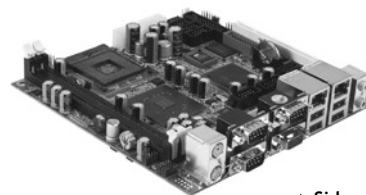


| |
|------------|
| Socket 478 |
| 6 COM |
| 2 G.E. |
| LVDS/VGA |
| 8 USB 2.0 |
| 1 PCI |
| USB DoM |

Features



- Socket 478 for Intel® Pentium® M/Celeron® M processor with FSB 400 MHz
- Intel® 910GML E + ICH6M chipset
- DualView with different content & resolution
- 8 USB 2.0 ports for high speed peripherals
- 2 Serial ATA-150 supported
- 6 COM ports



▲ Side view

System

| | |
|---------------------|---|
| CPU | Socket 478 for Intel® Pentium® M/ Celeron® M processors with FSB 400 MHz; ULV Intel® Celeron® M processor 600MHz/512KB or 1GHz/ZC onboard |
| System Memory | 2 x 240-pin DIMM supports DDR2-400/533 max up to 2GB |
| Chipset | Intel® 910GML E + ICH6M |
| BIOS | Phoenix-Award |
| SSD | 1 x CompactFlash™ type-II with DMA mode support (optional) |
| Watchdog Timer | 255 levels, 1-255 sec. |
| Expansion interface | 1 x PCI for 32-bit PCI supports 2 bus masters |
| 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 IDE; PATA-100 1 x PS/2 keyboard 1 x PS/2 mouse 6 x RS-232; with +5V/+12V powered 1 x LPT; with SPP/EPP/ECP supported |
| SATA | 2 x SATA-150 |
| 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 ALC655 |
| USB | 8 x USB 2.0 ports |
| SMBus | System Management Bus for advanced monitoring/control interface |
| Digital I/O | 8 channels (4-IN & 4-OUT) |

Display

| | |
|-------------------|--|
| Chipset | Intel® GMA 900 graphics Core |
| Memory Size | Intel® DVMT 3.0 compliant |
| Display Interface | 1 x VGA 1 x LVDS; 18/24-bit single/dual channel |

Packing List

| Standard | | | |
|---|-------------------------|------------------|----------------------|
| Quick installation guide, user's manual/utility CD, cable | | | |
| Cable | | | |
| Part Number | Description | SBC86822VGGA Qty | SBC86822VGGA-1GE Qty |
| 593836A0030E | SATA power cable 150mm | 1 | 1 |
| 593826A0000E | SATA signal cable 500mm | 1 | 1 |

Ordering Information

| Standard | |
|------------------------------------|---|
| SBC86822VGGA (P/N: E386822100) | Socket 478 Mini ITX SBC with VGA, 18-bit single/dual LVDS LCD, 2 10/100/1000Mbps (RTL8111B), AC'97 audio and 6 COM ports |
| SBC86822VGGA-1GE (P/N: E386822101) | Mini ITX SBC with ULV Intel® Celeron® M 1 GHz/0K CPU onboard, VGA/LVDS LCD, 2 10/100/1000Mbps (RTL8111B), AC'97 audio and 6 COM ports |