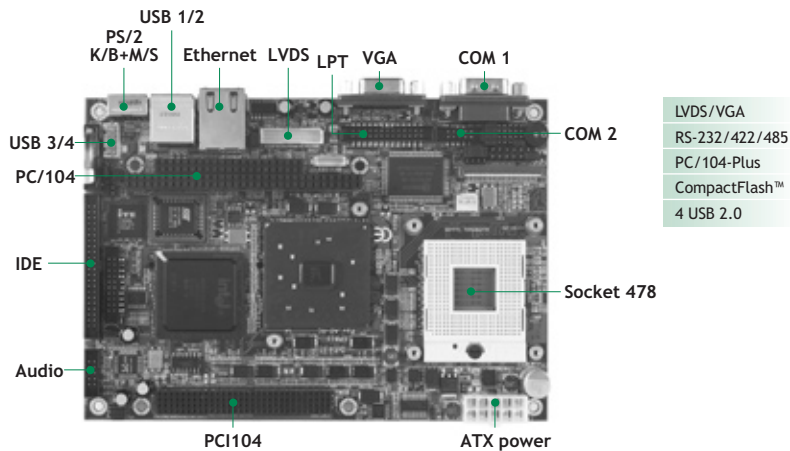


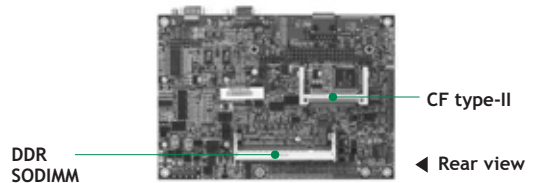
EP811

Socket 478 Intel® Pentium® M EPIC SBC with Intel® 852GM+ICH4 Chipset, DualView, LAN and PC/104-Plus Expansion



Features

- Socket 478 for LV/ULV Intel® Pentium® M/ Celeron® M processor with FSB 400 MHz
- Intel® 852GM+ICH4 chipset
- DualView with different content & resolution
- PC/104+ for 16-bit ISA and 32-bit PCI expansion



System

| | |
|---------------------|---|
| CPU | Socket 478 for Intel® Pentium® M/ Celeron® M processor with FSB 400 MHz |
| System Memory | 1 x 200-pin DDR-400 SODIMM max. up to 1GB |
| Chipset | Intel® 852GM+ICH4 |
| BIOS | Phoenix-Award 4Mbit with RPL/PXE LAN Boot ROM, SmartView and customer CMOS backup |
| SSD | 1 x CompactFlash™ type-II with DMA supported |
| Board Unique ID | Board unique ID (optional) |
| Watchdog Timer | 255 levels, 0-255 sec. |
| Expansion Interface | 1 x PCI104 for 32-bit PCI 1 x PC/104 for 16-bit ISA |
| Battery | Lithium 3V/196 mAh |
| Size | 165 x 115 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 FDD (optional) 1 x PS/2 keyboard/mouse 1 x RS-232 (COM 2); with +5V/+12V powered 1 x RS-232/422/485 (COM 1); with +5V/+12V powered 1 x LPT; with SPP/EPP/ECP supported 1 x IrDA |
| SATA | N/A |
| Hardware Monitoring | Support CPU/System temperature, CPU/System voltage, and CPU/System Fan features |
| Ethernet | 1 port as 10/100/1000Mbps supports Wake-on-LAN, RPL/PXE Boot ROM with Realtek RTL8139DL |
| Audio | AC'97 Codec audio as MIC-in/Line-out/ Speaker-out with Realtek ALC203 |
| USB | 4 x USB 2.0; via box-header for wiring solution |
| Digital I/O | 8 channels IN/OUT |

Display

| | |
|------------------|--|
| Chipset | Integrated in Intel® 852GM GMCH |
| Memory Size | Max. up to 64MB frame buffer sharing system memory |
| Resolution | * VGA: up to 1920 x 1440@ 60 Hz * LVDS LCD: 18/24-bit single/dual channel up to 1400 x 1050 |
| Output Interface | * VGA with D-sub 15-pin connector * LVDS LCD with 40-pin connector |

* W.T.: Wide Temperature

Packing List

| Standard | | | | |
|---|---|-----------------|-------------------------|-------------------------|
| Quick installation guide, user's manual/utility CD, cable | | | | |
| Cable | | | | |
| Part Number | Description | EP811VEA Qty | EP811VEA -1GE Qty | EP811VEA -600 Qty |
| 59484500010E | 44-44-40 pin IDE cable L=200mm+200mm | 1 | 1 | 1 |
| 59402010000E | ATX power cable 10P L=150mm | 1 | 1 | 1 |
| 59384500000E | COM + printer cable w/ bracket P=2.0, L=250mm | 1 | 1 | 1 |
| 59384500100E | Audio cable w/ bracket P=2.0 L=450mm | 1 | 1 | 1 |
| 59382631000E | 2 x USB 2.0 wafer cable w/ bracket L=180mm | 1 | 1 | 1 |

Ordering Information

| Standard | |
|-----------------------------------|--|
| EP811VEA (P/N: E38B811100) | Socket 478 EPIC SBC with VGA/LVDS LCD, 10/100Mbps and AC'97 audio |
| EP811VEA-600 (P/N: E38B811102) | EPIC SBC with ULV Intel® Celeron® M 600 MHz CPU onboard, VGA/LVDS LCD, 10/100Mbps and AC'97 audio |
| EP811VEA-1GE (P/N: E38B811101) | EPIC SBC with ULV Intel® Celeron® M 1 GHz/ZC CPU onboard, VGA/LVDS LCD, 10/100Mbps and AC'97 audio |