



Features

- ✔ Supports Intel Pentium M / Celeron M Processors
- ✔ Built with Intel 915GME Chipset, 533/400 MHz FSB
- ✔ Dual-channel DDR2 memory architecture
- ✔ Supports Dual View display by VGA & DVI/VGA & LVDS/LVDS & DVI
- ✔ On-board 5.1 CH Audio capability
- ✔ Three GB LAN ports supported
- ✔ PCI slot for expansion
- ✔ Supports total up to two COM and six USB2.0 ports and eight USB 2.0 ports

SPECIFICATION

System

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|----------------------------|---|
| CPU | Intel uFC-PGA 478 Pentium M/Celeron M Processor533/400 MHz FSB |
| Chipset | Intel 915 / GME+Intel ICH6M |
| Memory | Two DIMM socket support Dual Channel DDR2 400/533 SDRAM up to 2GB |
| BIOS | Award BIOS with 4Mb Flash ROM |
| Hardware Monitoring | Monitoring system temperature,voltage,and cooling fan fan status.Auto throttling control when CPU overheats |
| WatchDog Timer | Software programmable 1~255 sec. |

Video

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|-------------------------|--|
| Video Controller | Intel 915GME Integrated GMA 900 graphics, Intel DVMT 3.0 supports up to 128 MB video memory |
| Video Interface | 1 x VGA port for CRT monitor up to 2048 x 1536 @ 75Hz Dual Channel 18 bit LVDS up to 1600 x 1200 1x DVI interface(Chrontel CH7307 DVI transmitter) |

Ethernet

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|-------------------|--------------------------------|
| Connector | 3 x RJ45 |
| Controller | 3x 10/100/1000 Marvell 88E8053 |

Storage

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|-------------|--|
| IDE | 1 x Parallel ATA IDE port with UDMA33, ATA66/100 |
| SATA | 2 x Serial ATA connector high-speed data transfers at up to 150 MB/s |
| SSD | 1x Compact Flash(Optional) |

I/O

| | |
|------------------------|---|
| Serial Port | 1 x RS-232 (DB9), 1 x RS-232 internal port |
| USB Port | 2 x USB2.0 External connectors 4 x USB2.0 Internal ports |
| Audio Interface | Mic in, Line in, CD Audio in, Line out, Rear out and Center/Subwoofer out |
| Audio Codec | Realtek ALC655 AC97 5.1 CH audio interface |
| GPIO | On-board programmable 8-bit Digital I/O interface |
| IrDA | 1 x IrDA |
| Keyboard/Mouse | 1x PS/2 for keyboard and 1 x PS/2 for mouse |
| Expansion Slot | 1 x 32-bit PCI slot |
| I/O Chipset | Winbond 83627DHG |

Mechanical & Environment

| | |
|--------------------------|---|
| Dimension | 170mm x 170mm (6.7 x 6.7") |
| Power Requirement | +3.3V@3.4A, +5V@359mA, +12V@1.92A, -12V@294mA, 5Vsb@263mA ATX 20pin connector |
| Operating Temp. | 0~60° C(32~140°F) |
| Relative Humidity | 0 to 90% @ 40° C, non-condensing |
| Safety | CE, FCC Class A |

Packing List

AR-B1894:
MiniITX mother board
Driver CD
Cooler
Manual
Bracket
1 x SATA cable
1 x IDE cable (40pin)
1 x COM cable(DB9)
1 x USB 2.0 cable

Ordering Information

AR-B1894
Intel Pentium M/Celeron M processors Main Board with VGA/LCD,Audio,3x Gb LANs,6xUSB2.0,cooler,HDD Cable,SATA Cable

Optional

DVI cable 400mm (190030571-G)