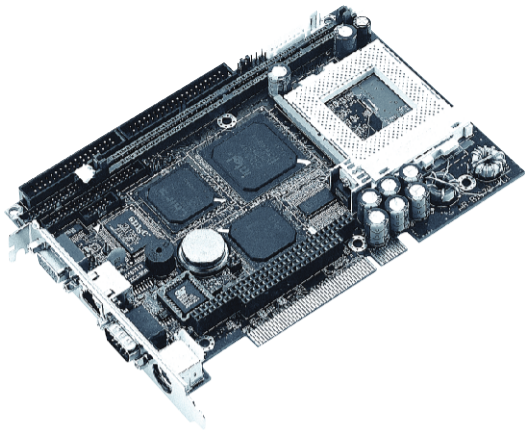


AR-B1670



Features

- Supports Intel Socket 370 Pentium III up to 1.1GHz or Celeron up to 1.2GHz
- Upgradeable option to latest generation of Intel P-III CPU's & Celeron CPU's
- PCI Bus Interface
- On-board 10/100M Base-T Ethernet function
- Intel 440BX AGPset supports 66/100 MHz FSB for Socket 370 Pentium III or Celeron
- On-board C&T 69000 HiQVideo with integrated 2M video RAM
- Hardware monitoring for thermal, voltage and fan
- Supports two USB ports
- On-board one 168-pin DIMM socket supports system memory up to 512MB of system memory with ECC function

Specifications

General

| | |
|-------------------------|--|
| CPU | Support Intel Socket 370 Pentium III up to 1.1GHz, or Celeron up to 1.2GHz |
| Chipset | Intel 440BX |
| Bus Interface | PCI Bus Interface and non-stack through PC/104 BUS Extension |
| System Memory | One 168-pin DIMM (PC-100 SDRAM) socket, 512MB max with ECC function |
| On-board Cache | 512 K |
| BIOS | AMI |
| VGA/LCD | C&T 69000 with integrated 2MB video RAM |
| | Supports display mode resolution up to 1280 x 1024 |
| | Supports TFT/DSTN Panel or CRT Display simultaneously |
| LAN (Ethernet) | Built in Realtek RTL 8139C, supports 10/100M Base-T |
| Serial Port | COM1 with RS-232 |
| | COM2 with RS232/485/IrDA/Touch Screen, RS232/485 can be selected by jumper |
| Enhanced Parallel Port | Supports SPP/EPP/ECP function, configurable to LPT1, LPT2, LPT3 or disabled |
| FDD | Supports 2 floppy disk drives |
| HDD | Two enhanced IDE interfaces, supports 4 IDE devices, PIO modes 3, 4 with bus mastering up to 16.67 MB/sec and Ultra DMA mode up to 33 MB/sec |
| USB | Two USB Ports |
| Keyboard and PS/2 mouse | One 6-pin 2.0mm JST connector and 6-pin 2.0mm mini DIN connector are provided for easy connection |
| H/W monitoring | Built-in Winbond WB83783S hardware monitoring chipset |
| Watch-Dog | Programmable Watch-Dog timer |
| Power Requirement | +5V@5.6A and +12V@0.3A |
| Operating Temperatures | 0~60°C |
| Storage Temperatures | -20~80°C |
| PC Board | 8 layers |
| Dimensions | 185 mm x 122mm |

Ordering information:

| Model No. | Description |
|-----------|---|
| AR-B1670 | Half-size Socket 370 PCI-bus CPU Card with VGA/LCD, LAN |