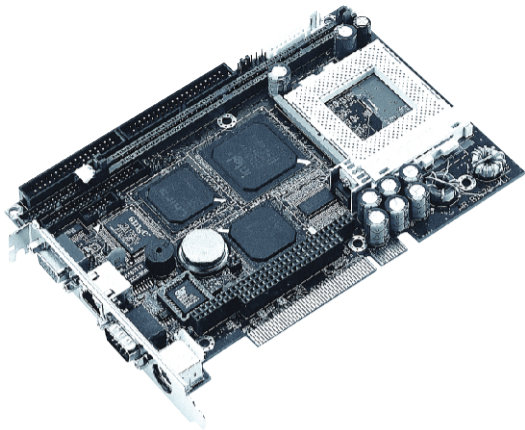


AR-B1670



## 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 |