



Features

- Support Socket 370 processor with bus clock up to 100MHz
- Support SDRAM memory up to 256MB
- On-board 512 KB PBSRAM L2 cache memory
- Built-in C&T 69000 chipset with 2MB VRAM inside
- 256KB Flash ROM BIOS for easy upgrade
- On-board 100/10 Base-T Ethernet controller and RJ-45 connector
- Support IrDA interface port

Specifications

CPU

- Support Intel® Celeron™ processors up to 4XX/100MHz
- CPU bus clock: 66/100MHz
- Standard PPGA Socket 370
- CPU core/bus clock ratio: X1.5 to X8

System Chipset

- Intel® 440BX AGP set

System Memory

- One 168-pin DIMM socket
- Support up to 256MB of 3.3V SDRAM

L2 Cache Memory

- On-board 512 KB PBSRAM

BIOS

- AMI PnP 256KB Flash ROM BIOS
- Support DMI, PnP, Green function and ACPI

On-board I/O

- Built-in 4 SIO (one for RS232/422/485), 2 PIO, 2 USB ports, PS/2 type KB / mouse connector, IDE/FDC & 16-bit MIC/SPK interface
- One on-board infrared (FIR) port

Real-time Clock

- Dallas 12B887 with 10-year lifetime

Watchdog Timer

- 1/2/4/8/16/32/64 seconds timeout interval

Dimension

188 (W) x 135 (H) mm
7.4" (W) x 5.3" (H)

Operating Temperature Range

0 to +50°C

Relative Humidity

5% to 95%, non-condensing

Additional Functionality

PCI Bus VGA Display

- On-board C&T 69000 VGA display chipset with 2MB VRAM
- Support TFT/DSTN flat panel and CRT display modes
- Support resolution up to 1024x768 and refresh rates 60Hz

DiskOnChip (DOC) Solid State Disk

- Support M-Systems' flash disk up to 144MB

On-board 10/100 Base-T Ethernet

- Built-in Intel® 82559 Ethernet chip supports 10/100 Base-T connecting capability

Ordering Guide

PPB-600

Advanced Celeron™ processor based AIO panel board with VGA/Sound/FIR Ethernet

