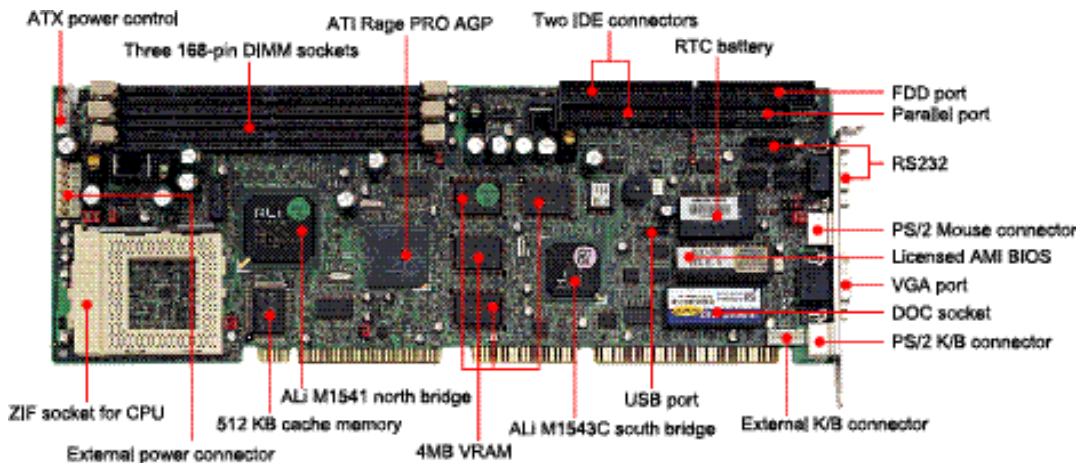


ROBO-598

Best Performance SBC with AGP Display & Flash Disk, Based on the Pentium® Processor



- ◆ Support Intel® Pentium® III processor up to 550MHz
- ◆ Equipped with 512KB cache memory
- ◆ Three DIMM SDRAM sockets support up to 768MB
- ◆ Built-in ATI Rage Pro AGP display and 4/8MB VRAM for high performance display
- ◆ Support high ISA driving capability
- ◆ Support ATX power control and CPU overheat protection
- ◆ One socket for DiskOnChip supports up to 288MB flash memory disk
- ◆ Built-in RTC and configurable WDT (Watchdog Timer)
- ◆ 1.8V~3.5V power regulator range
- ◆ USB ports support

Specifications

CPU

- ◆ Support Intel® P55C processor up to 233MHz
- ◆ AMD K6 processor up to 550MHz
- ◆ Cyrix M1/M2 processor up to 450MHz

Chipset

- ◆ ALI® M1541/1543C chipset

DRAM

- ◆ Three 168-pin DIMM sockets support up to 768MB of SDRAM

Cache Memory

- ◆ 512KB pipeline burst SRAM, cacheable up to 256MB

BIOS

- ◆ AMI PCI/ISA Pentium BIOS

On-Board I/O

- ◆ On-board 2xIDE/FDC/2S/1P, K/B and mouse with two USB ports and one IrDA infrared port

Watchdog Timer

- ◆ Eight segment (0.5, 1, 2, 4, 8, 16, 32, 64 seconds) hardware time-out intervals

Power Requirement

- ◆ +5V@10A (typ.), +12V@80mA, -12V@30mA

Board Dimension

- ◆ 339.5(L) x 122(W) mm
- ◆ 13.37"(L) x 4.8"(W)
- ◆ 6-layer PCB

Operating Temperature

- ◆ 0 to +55°C

Storage Temperature

- ◆ -20 to +75°C

Relative Humidity

- ◆ 5 to 95% non-condensing

Additional Functionality

AGP Display

- ◆ Adopt ATI Rage PRO AGP display chipset with on-board 4/8MB VRAM

DiskOnChip Flash Disk

- ◆ Support M-Systems' flash memory disk up to 288MB

ISA-Bus Driving Capability

- ◆ Enhanced ISA-bus driving capability for driving more ISA boards

Fully ATX Power Control

- ◆ Modem-Ring-On and Wake-On-LAN

Ordering Guide

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Advanced AIO SBC with AGP display and flash disk, based on the Pentium processor

