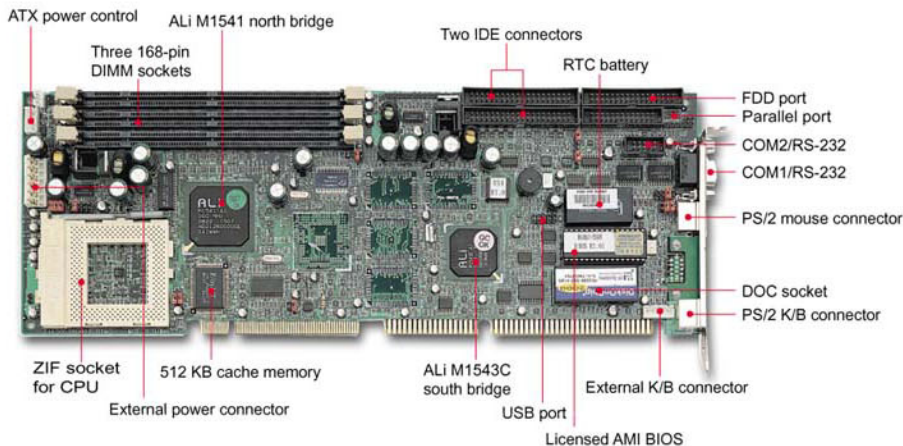


# ROBO-598VS

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



- Support Intel® Pentium® compatible processor up to 550MHz
- Equipped with 512KB cache memory
- Three DIMM SDRAM sockets support up to 768MB
- Support ATX power control and CPU overheat protection
- Support high ISA driving capability
- 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

### 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

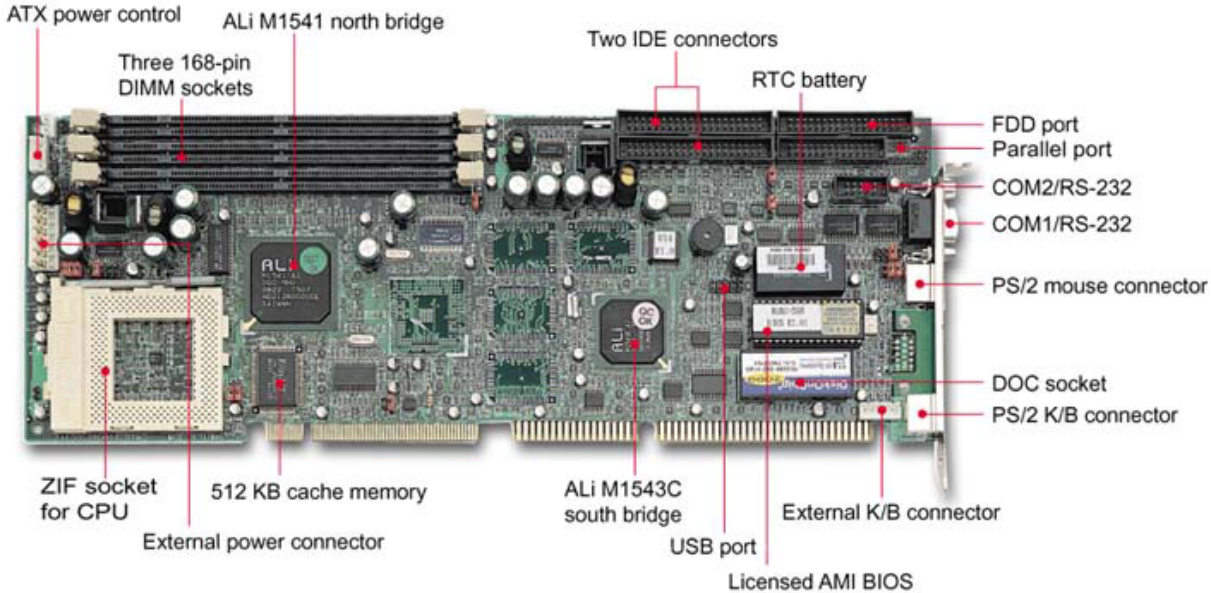
### Fully ATX Power Control

- Modem-Ring-On and Wake-On-LAN

## Ordering Guide

### ROBO-598VS

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



ATX power control

ALi M1541 north bridge

Three 168-pin DIMM sockets

Two IDE connectors

RTC battery

FDD port

Parallel port

COM2/RS-232

COM1/RS-232

PS/2 mouse connector

DOC socket

PS/2 K/B connector

ZIF socket for CPU

512 KB cache memory

ALi M1543C south bridge

External K/B connector

External power connector

USB port

Licensed AMI BIOS