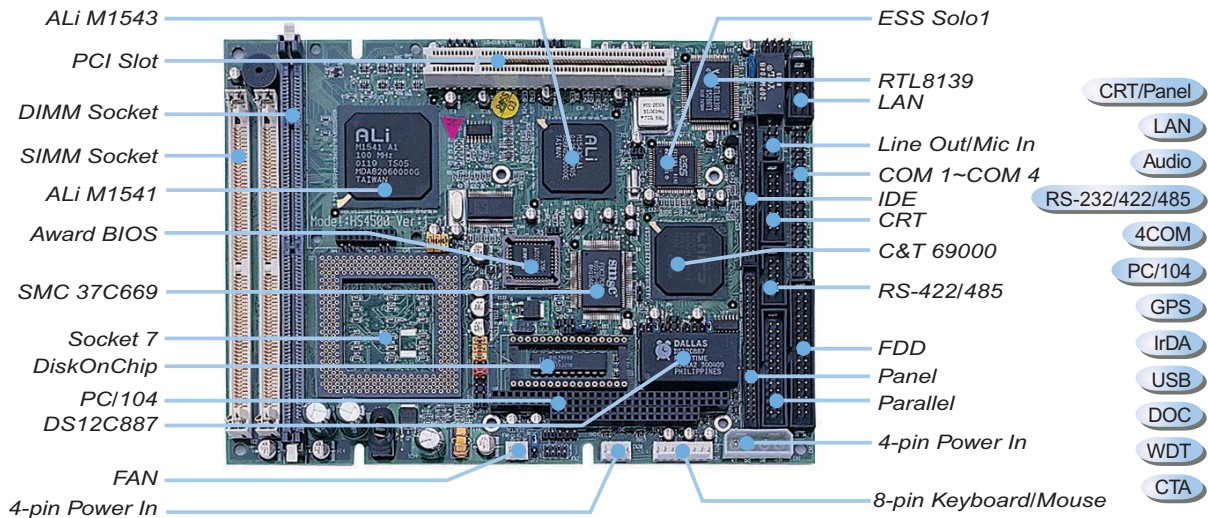


HS-4500

Low Power Embedded Engine Board with VGA, Audio & LAN



Features

- 75~450MHz CPU for Intel® Pentium® MMX™, Tillamook, AMD K5/K6
- Two SIMM and one DIMM sockets with a maximum capacity of 256MB
- Fast PCI ATA/33 IDE controller supporting two IDE disk drives including large size hard disks, CD-ROM, tape backup etc.
- Three RS-232 and one RS-232/422/485 serial ports
- Onboard SMC 37C669 super I/O chipset
- Onboard C&T 69000 CRT/Panel display controller
- Onboard RealTek RTL8139 100 Base-TX LAN
- Onboard ESS Solo1 3D audio controller
- Rockwell GPS Modules-compatible socket

Specifications

- CPU:** 75~450MHz CPU for Intel® Pentium® MMX™, Tillamook, AMD K5/K6
- Bus Interface:** PCI Bus
- Memory:** Two SIMM and one DIMM sockets providing up to 256MB
- Cache Memory:** 512KB pipeline burst
- Chipset:** ALi M1541/M1543
- I/O Chipset:** SMC 37C669 x 2
- PCI Slot:** One standard PCI Slot
- VGA:** C&T 69000 with 2MB memory supporting CRT/Panel displays up to 1280 x 1024 at 256 colors
- IDE:** Two IDE disk drives supporting ATA/33
- FDD:** Supports two floppy disk drives
- Parallel:** Supports SPP/ ECP/EPP
- LAN:** RealTek RTL8139 100 Base-TX LAN
- Audio:** ESS Solo1 3D controlelr
- Serial Port:** 16C550 UART-compatible RS-232/422/485 x 1 and RS-232 x 3 serial ports with 16 byte FIFO
- PC/104:** PC/104 connector for 16bit ISA Bus
- GPS:** Supports one Rockwell GPS module-compatible socket
- IrDA:** One IrDA TX/RX header
- USB:** Two USB ports
- Keyboard/Mouse:** 8-pin connector support standard PC/AT Keyboard and PS/2 Mouse
- DiskOnChip™:** DiskOnChip™ socket supporting memory sizes of up to 288MB
- BIOS:** Award PnP Flash BIOS
- Watchdog Timer:** Sets 1, 2, 10, 20, 110, 220 seconds activity trigger with Reset or NMI
- CMOS:** DS12C887 or equivalent device
- DMA Channels:** 7
- Interrupt Levels:** 15
- Power Connector:** One 4-pin +5V/+12V and one 4-pin -5V/-12V connector
- Maximum Power Consumption:** +5V@4A, +12V@100mA, -12V@20mA
- Operating Temperature:** 0~60°C
- CPU Temperature Alarm:** Beeping alarm when CPU temperature exceeds temperature limits
- Board Size:** 20.3 x 14.6 cm

Ordering Guide

© HS-4500
5.25" Pentium® Embedded SBC
with CRT/Panel, LAN, 4COM, Audio

Specifications are subject to change without notice.