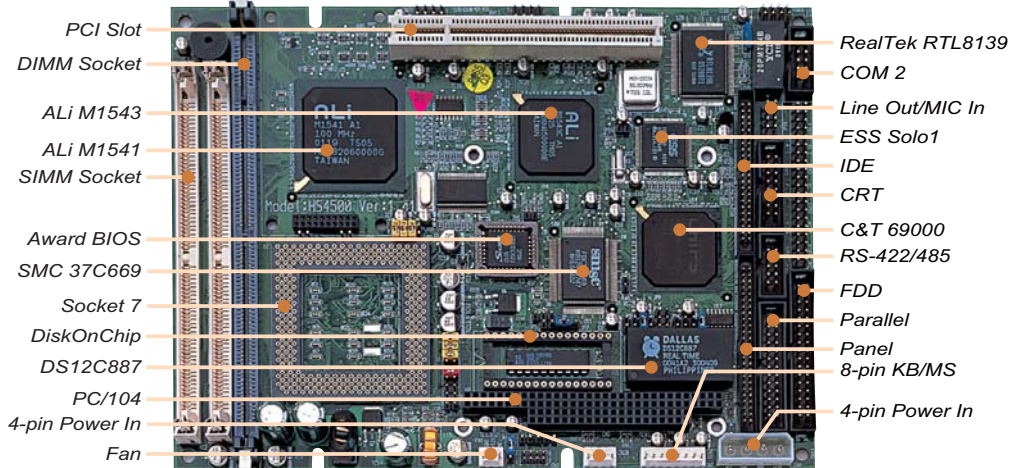




HS-4500

Low Power Embedded Engine Board with CRT/Panel, Audio & LAN

- ★ CRT/Panel
- ★ PCI Slot
- ★ LAN
- ★ Audio
- ★ RS-232/422/485
- ★ 4COM
- ★ PC/104
- ★ GPS
- ★ IrDA
- ★ USB
- ★ DOC
- ★ WDT
- ★ CTA



Features

75~450MHz CPU for Intel Pentium MMX/Tillamook/K5/K6
 ALi M1541/M1543 system chipset
 Two SIMM or one DIMM sockets with a max. capacity of 256MB
 SMC 37C669 super I/O chipset
 Three RS-232 and one RS-232/422/485 serial ports
 PC/104 Bus connector

C&T 69000 CRT/Panel display controller
 RealTek RTL8139 10/100 Based LAN
 ESS Solo1 3D audio controller
 DiskOnChip socket supporting memory sizes of up to 288MB
 Two USB connectors
 Supports Rockwell GPS connector
 Supports CPU Temperature Alarm function

Specifications

- * **CPU:** 75~450MHz CPU for Intel Pentium MMX/Tillamook/K5/K6
- * **Bus Interface:** PCI Bus
- * **Memory:** Two SIMM or 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
- * **LAN:** RealTek RTL8139 10/100 Based LAN
- * **Audio:** ESS Solo1 3D audio controller
- * **IDE:** Two IDE disk drives supporting ATA/33 and with a transfer rate of up to 33MB/sec.
- * **FDD:** Supports up to two floppy disk drives
- * **Parallel:** One enhanced bi-directional parallel port supporting SPP/ECP/EPP
- * **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 16-bit ISA Bus

- * **GPS:** Supports one Rockwell GPS module-compatible socket
- * **IrDA:** One IrDA TX/RX header
- * **USB:** Two USB connectors
- * **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
- * **Power Connector:** One 4-pin +5V/+12V and one 4-pin -5V/-12V connectors
- * **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 Low Power Embedded Engine Board with CRT/Panel, Audio & LAN

Low Power!!

The Industrial PC Authority



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