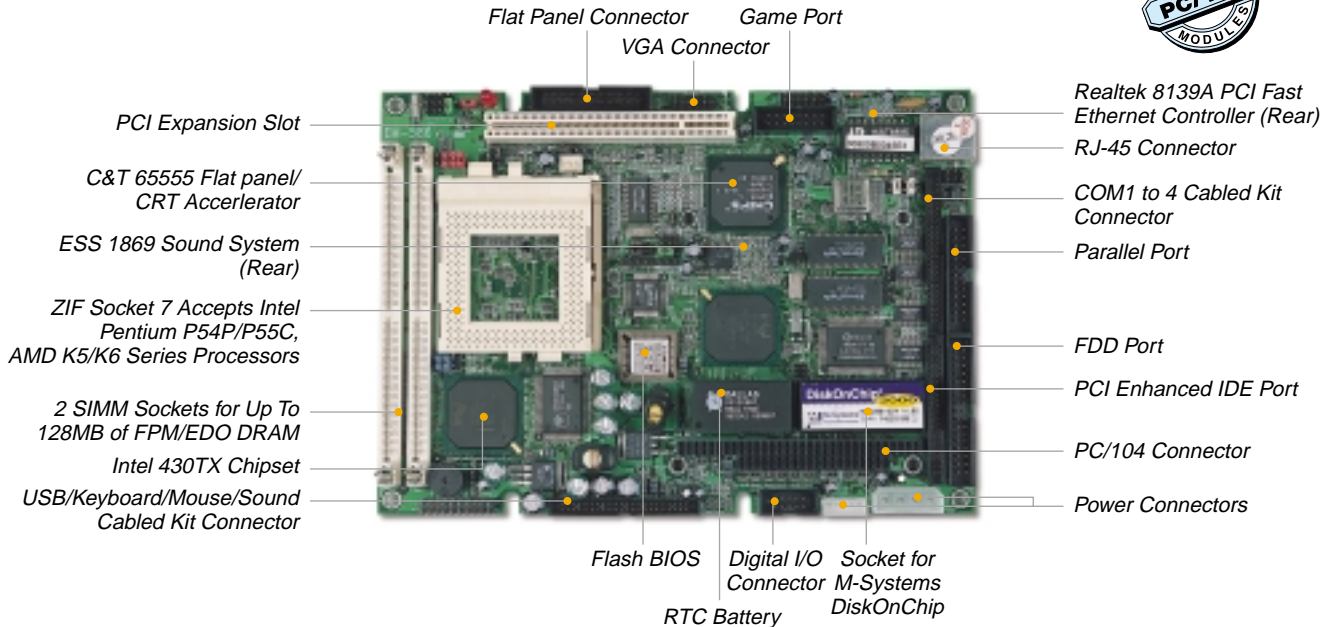


EM586

5.25" Pentium SBC with VGA/LCD/LAN/Sound



FEATURES

- Support Socket 7 CPU
- Intel® 430TX
- C&T 65555 VGA/LCD chipset
- Support 10/100 Base-TX interface
- Reserved Socket for DiskOnChip®
- PCI expansion slot
- 5.25" Embedded form factor

SPECIFICATION

- **CPU:** Support Intel® Pentium® P54C/P55C, AMD K5™ /K6®
- **Chipset:** Intel® 430TX
- **BIOS:** 256KB Award® BIOS
- **Cache Memory:** 512KB pipelined burst synchronous cache
- **System Memory:** 2 SIMM sockets, support up to 64MB of FPM/EDO DRAM
- **VGA/LCD:** C&T 65555 on board 2MB video memory, resolution up to 1024 x 768 16bpp

SPECIFICATION

- **Ethernet:** On-board Realtek 8139B, support 10/100 Base-TX Ethernet
- **Sound:** ESS 1869 ISA interface chip
- **Flash Memory Disk:** Socket for DiskOnChip®, support up to 144MB flash disk
- **IDE Interface:** 1 x IDE port support up to 2 IDE devices & Ultra DMA/33
- **Floppy Drive Interface:** 1 FDD port, support up to 2 floppy devices
- **Serial Port:** 4 COM ports (3 x RS-232 and 1 x RS-232 / 422 / 485)
- **Parallel Port:** 1 multi-mode parallel port (SPP/EPP/ECP)
- **Universal Serial Bus:** Support 2 USB ports
- **IR Interface:** Supports 1 IrDA header
- **RTC:** Dallas RTC module or compatible
- **Expansion Bus:** Built-in PC/104 expansion bus and PCI slot
- **DMA:** 8 DMA channels
- **Interrupts:** 16 levels of hardware interrupts
- **External Power Connector:** On-board 4-pin & 5-pin external power connector
- **Hardware Monitor:** On-board Genesys 518SM
- **Watchdog Timer:** 7 level time-out intervals & 4 bit digital I/O
- **Operating Temperature:** 0°C ~ 60°C
- **Humidity:** 5% ~95% , non-condense
- **Dimensions:** 203 x 146 mm (8" x 5 3/4" inches)
- **Net weight:** 350g (0.77 pounds)

OPTIONAL CABLE KITS

EM586CB FDD/Printer/IDE cable kit

FDD cable	1pc	34-pin female header to 34-pin female header
Printer cable	1pc	26-pin female header to 25-pin female DB connector
IDE HDD cable	1pc	44-pin female header to 40-pin female header
PC/104 mounting kit	1set	4xbrass spacer (25mm), 4x null, 1x 40-pin gold contact and 1x 64-pin gold contact
CRT-2 cable	1pc	12-pin female header to 15-pin female DB connector
Game port cable	1pc	16-pin female header to 15-pin female DB connector

EMCOM-01 COM cable kit

EMCOM-01 Board	1pc	Two rows by two columns 9-pin male DB connectors
4-COM cable	1pc	50-pin female header to 50-pin female header

EMCOM-02 COM cable kit

EMCOM-02 Board	1pc	Three 9-pin male DB connectors and one 10-pin male header Daughter Board
4-COM cable	1pc	50-pin female header to 50-pin female header
1-COM cable	1pc	10-pin female header to 9-pin DB

EMUKMS-02 USB/KB/Mouse/Sound cable kit

EMUKMS-02 Board	1pc	USB/Keyboard/Mouse/Sound Daughter Board (2xUSB port, 6-pin mini Din x 2, 6-pin AT socket and 3x RCA jack)
USB/KB/Mouse/Sound cable	1pc	44-pin female header to 44 pin female header
Keyboard Cable	1pc	8-pin female flat header to 5-pin PS/2 keyboard connector

EMEVG-01 VGA/LAN/Game cable kit

LAN cable	1pc	2x 8-pin RJ-45 connector cable
EMEVG-01 Board	1pc	LAN/VGA/Game Daughter Board (15-pin VGA connector, RJ-45 socket & 15-pin DB connector)
Game cable	1pc	16-pin female header to 16-pin female header
VGA cable	1pc	16-pin female header to 16-pin female header

EMRISER-03 Riser Card

EMRISER-03 Board	1pc	PCI slot Riser Card (2 x PCI)
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