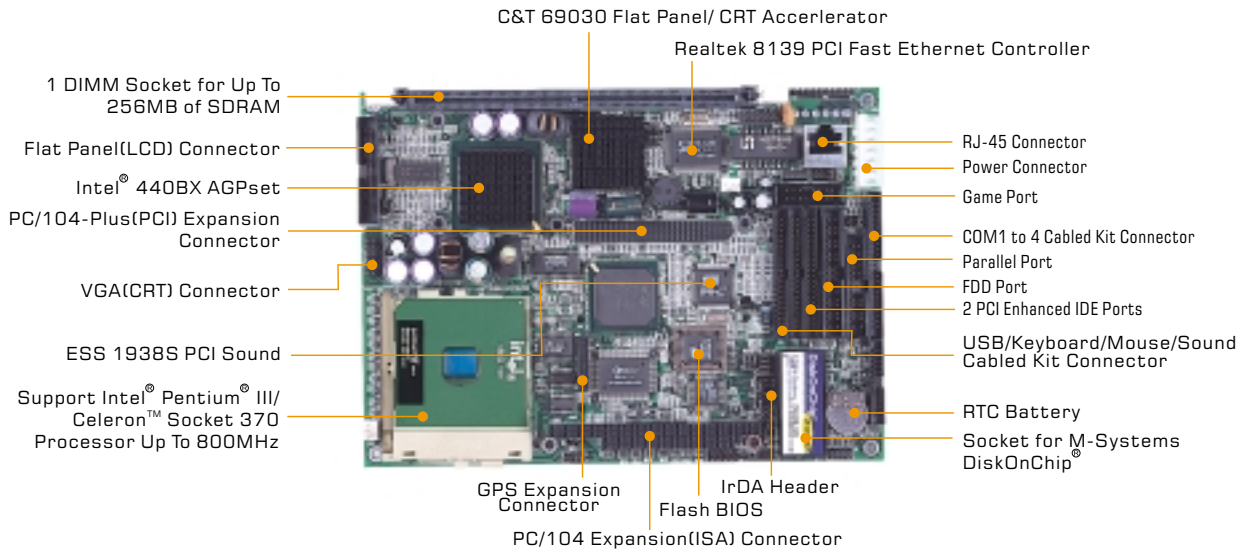


# EM-370B



## 5.25" EBX Socket 370 PIII SBC with VGA/LCD/LAN/Sound/GPS



## FEATURES

- Support Intel® Pentium® III/Celeron™ Socket 370 CPU
- Intel® 440BX long life circle chipset
- Built-in C&T69030 LCD/CRT chipset
- Support 10/100 Base-TX interface
- Socket for DiskOnChip®
- Reserved Header for GPS module
- PC/104-Plus expansion bus
- 5.25" EBX Form Factor

## SPECIFICATION

### CPU

Support Intel® Pentium® III / Celeron™ processor in Socket 370 (66/100 MHz FSB)

### Chipset

Intel® 440BX

### BIOS

256KB Award® BIOS

### Cache Memory

L2 Cache in CPU

### System memory

1x168-pin DIMM socket, support up to 256MB SDRAM

### VGA/LCD

C&T 69030 on chip 4MB SDRAM memory

### Ethernet

On-board Realtek 8139, support 10/100 Base-TX Ethernet

### Sound

ESS 1938 PCI interface chip

### GPS

Reserved Header for GPS module

### Flash Memory Disk

Socket for DiskOnChip®, support up to 144MB flash disk

### IDE Interface

2 x IDE ports, support up to 4 Ultra DMA/33 EIDE devices

### Floppy Drive Interface

1 FDD port, support up to 2 floppy devices

### Serial Port

4 COM ports (3xRS-232 and 1 x RS-232/422/ 485)

### Parallel Port

2 multi-mode parallel ports (SPP/EPP/ECP)

### Universal Serial Bus

Support 2 USB ports

### IR Interface

Support 1 IrDA header

### RTC

Internal RTC with Li Battery

### PC/104 Expansion Bus

Built-in PC/104-Plus expansion bus

### Hardware Monitor

On-board Winbond W83783S

### Watchdog Timer

16 level time-out intervals by software program

### Power Consumption

+5V@5.28A(Pentium® III 700MHz, 64MB SDRAM) +12V:290mA -12V:20mA

### Operating Temperature

0°C ~ 60°C

### Humidity

5% ~ 95%, non-condensing

### Dimensions

203 x 146.05 mm (8" x 5 3/4");  
(Industrial standard EBX)

### Net Weight

320g (0.70 pounds)

## OPTIONAL CABLE KITS



### EM-370CB FDD/Printer/IDE cable kit

FDD cable	1pc	34-pin female header to 34-pin female header
Printer cable (LPT1)	1pc	26-pin (2.54mm) female header to 25-pin female DB connector
Printer cable (LPT2)	1pc	26-pin (2.0mm) 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
EBX cable	1pc	7-pin+4-pin to P8/P9 12 pin Power Transfer cable



### EM-COM-01 COM cable kit

EM-COM-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



### EM-COM-02 COM cable kit

EM-COM-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



### EM-UKMS-02 USB/KB/Mouse/Sound cable kit

EM-UKMS-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



### EM-EVG-01 VGA/LAN/Game cable kit

LAN cable	1pc	2x 8-pin RJ-45 connector cable
EM-EVG-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