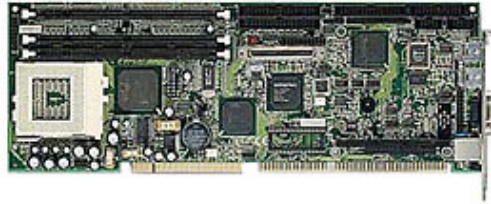


## CI7BM

Socket 370 440BX PICMG  
Full-Size SBC with VGA/LAN  
/Audio/  
Ultra II SCSI



### Features

- Supports Intel® 440BX AGPset
- Socket 370, 300~850MHz CPU Speed
- 3 DIMMs for up to 768MB SDRAM
- C&T 69000 VGA for CRT/LCD display
- Creative CT2511 16-bit Audio
- Intel® 82558 10/100 Base-T Ethernet
- Adaptec AIC 7890 Ultra2 SCSI
- Hardware Monitoring, PC/104
- DiskOnChip™, Watchdog Timer
- PICMG Compliance

### Specifications

#### General Functions

Processor Socket	ZIF Socket 370, 300MHz to 766MHz
Processor	Intel® Celeron™ / Coppermine
Chipset	Intel® 82440BX AGPset
BIOS	Y2K compliant Award BIOS Supports DMI & Plug and Play 2M-bit Flash ROM
Bus Speed	66MHz / 100MHz
Power Management	ACPI
L2 Cache	CPU Integrated
System Memory	Three 168-pin DIMM sockets ECC/parity checking Max. 768MB, SDRAM
Multi-I/O	Winbond W83977 COM1:RS-232 with 16 byte FIFO COM2:RS-232 or RS-422/485 (jumper selectable)
Parallel Port	1xhigh speed Bi-directional SPP/ECP/EPP
IDE Interface	2 x Bus Mastering EIDE mode 4, up to 4 devices, Ultra DMA/33
FDD Interface	2x360K/720K/1.2MB/1.44MB/2.88MB FDDs
Hardware	Winbond W83627HF
Monitoring	Monitoring CPU/system temperature, voltages and fan speeds System Monitor utility bundled Optional Intel® LDCM software

VGA	C&T 69000 chip with 2MB embedded memory PCI Bus Connectors for LCD (STN, TFT, EL) & CRT display
Audio	Creative CT2511 chip 16-bit, ISA bus
LAN	Intel® 82558B 10/100 Base-T Ethernet RJ-45 connector on board LAN Wakeup via ATX power supply
SCSI	Adaptec AIC 7890 ULtra2 SCSI controller
Hardware Monitoring	Winbond W83781D Monitoring CPU/system temperature, voltages and fan speeds Dimensions System Monitor utility bundled Optional Intel® LDCM software
SSD Interface	Supports 2MB-144MB M-Systems DiskOnChip™ flash disk
Speaker	Speaker Internal buzzer and external speaker connector
Watchdog timer	16 levels
PC/104 Extension	16 bit, 104 pins
USB	Pin header for two USB ports
IrDA	Pin header
ATX Power Connector	6-pin header pin out
Keyboard	PS/2 type connector
Mouse	PS/2 type connector

#### **Environmental and Mechanical**

Form Factor	Full-Size 6-layer PCB
Dimensions	33.8cm x 12.2cm (13.3" x 4.8")
Operating Temperature	0XC~60XC
Humidity	5%~95%

#### **Ordering Info**

C17BM+	Socket 370 440BX PICMG Full-Size SBC with VGA/Audio/LAN/SCSI
C17BM	Socket 370 440BX PICMG Full-Size SBC with VGA/Audio/LAN
C17BMN	Socket 370 440BX PICMG Full-Size SBC with VGA/LAN
C17BMV	Socket 370 440BX PICMG Full-Size SBC with VGA
C17BMO	Socket 370 440BX PICMG Full-Size SBC with VGA/LAN/SCSI
C17BMX	Socket 370 440BX PICMG Full-Size SBC without VGA/Audio/LAN/SCSI