

## EM-500 SPECIFICATION SHEET

Part Number	<b>EM-5000000-000</b>	Model No.	<b>EM-500</b>	Doc. No.	<b>B40-P1502-00</b>
1st Issued Date	<b>04 / 01 / 97</b>	Revised Date	<b>04 / 24 / 98</b>	Revised No.	<b>02</b>
<b>Model Description : Embedded SBC with Flash Disk,LCD/SVGA &amp; LAN for ZIF Socket 7 Processor</b>					
<p>Processor : Intel Pentium P54C/P55C, AMD K5/K6, Cyrix 6x86 M1/M2</p> <p>Chipset : Intel 430VX, C&amp;T 65550, Intel 82557 and SMC 37C669 I/O chipset</p> <p>System Memory / RAM : Two SIMM sockets, support up to 64MB of FPM/EDO DRAM</p> <p>Cache Memory : 512KB pipeline burst secondary cache</p> <p>BIOS : 128KB Award license BIOS</p> <p>Flash Memory Disk : Reserved socket for DiskOnChip from M-System, support up to 72 MB flash memory disk</p> <p>VGA/LCD Controller : C&amp;T 65550 chipset with 1 MB video memory, expandable to 2 MB, resolution up to 1024 x 768 8bpp</p> <p>Ethernet Controller : On board Intel 82557 support 100 Base-TX</p> <p>IDE Drive Interface : One PCI IDE port, support up to two IDE devices</p> <p>Floppy Drive Interface : One FDD port, support up to two floppy devices</p> <p>Serial Port : Two COM ports, one RS-232 and one RS-232 / 422 / 485</p> <p>Parallel Port : One Multi-mode parallel port ( SPP/EPP/ECP )</p> <p>RTC Battery : Dallas 12B887 RTC battery or compatible</p> <p>DMA : 8 DMA channels</p> <p>Interrupts : 16 levels of hardware interrupts</p> <p>External Power Connector : On-board 8-pin external power connector</p> <p>PC/104 Expansion Bus : Built-in PC/104 expansion bus</p> <p>Expansion Slot : Built-in one PCI expansion slot</p> <p>Watchdog Timer : 8 level time-out intervals (0.5 / 1 / 2 / 4 / 8 / 16 / 32 / 64 sec.)</p> <p>Universal Serial Bus : Support 2 USB ports</p> <p>IR Interface : Supports one IrDA header</p> <p>Operating Temperature : 0°C ~ 55°C</p> <p>Humidity : 10% ~ 90% RH</p> <p>Dimensions : 203 x 146 mm ( 8" x 5 3/4" inches )</p> <p>Net weight : 340 g ( 0.748 pounds )</p>					