

EM-520 SPECIFICATION SHEET

Part Number	EM-5200000-000	Model No.	EM-520	Doc. No.	B40-P1503-00
1st Issued Date	11 / 10 / 97	Revised Date	04 / 24 / 98	Revised No.	02
Model Description : Embedded SBC with Flash Disk,LCD/SVGA,TV,Sound & LAN On-board Cyrix CPU					
<p>Processor : Cyrix Media Gxi-180 MHz (on-board) CPU</p> <p>Chipset : Cyrix GX5520, Realtek 8029AS and SMC 37C932 & 37C669 I/O chipset</p> <p>System Memory / RAM : Two SIMM sockets, support up to 64MB of EDO DRAM</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 : Cyrix GX5520, shared memory 2MB, resolution up to 1024 x 768 16bpp</p> <p>Ethernet Controller : On board Realtek 8029AS, support 10 Base-T interface</p> <p>TV Output : NTSC / PAL</p> <p>Sound Output : Built-in virute sound function</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 : Four COM ports , two RS-232 and two RS-232 / 422 / 485</p> <p>Parallel Port : One Multi-mode parallel port (SPP/EPP/ECP)</p> <p>RTC Battery : Li battery</p> <p>DMA : 8 DMA channels</p> <p>Interrupts : 16 levels of hardware interrupts</p> <p>External Power Connector : On-board 12-pin external power connector</p> <p>PC/104 Expansion Bus : Built-in PC/104 expansion bus</p> <p>Expansion Slot : Built-in one PISA 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 : 350 g (0.770 pounds)</p>					