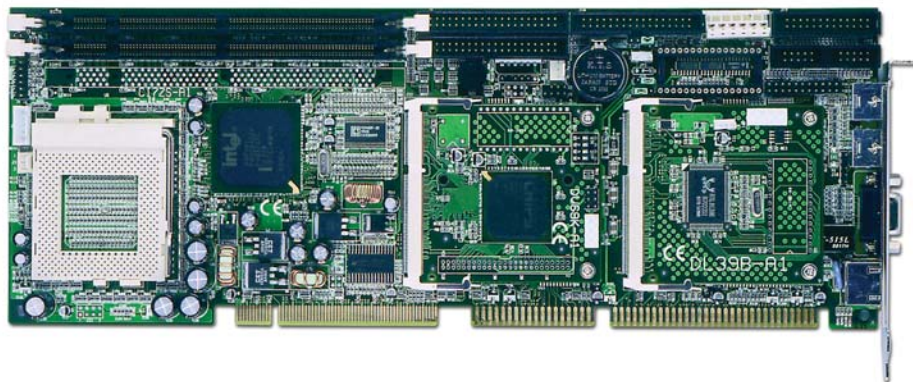


ACCESSORY

MBC-6210

Socket 370 Celeron/Coppermine Full-Size SBC with Micro PCI Slots



Specification

- **Processor Socket:** FC Socket 370 connector
- **Processor:** Intel Celeron /Coppermine up to PIII 1.0G (100MHz FSB)
- **Bus Speed:** 66MHz and 100MHz
- **Chipset:** Intel 440BX AGPset
- **Secondary Cache:** CPU integrated
- **Memory Sockets:**
Three (for 440BX)168-pin DIMM sockets
Max. 768MB SDRAM
- **BIOS:** Award BIOS, PnP support
- FLASH EEPROM (256KB) for BIOS update
- ISA Plug and Play (PnP) extension
- Power management
- **DMI BIOS Support:**
Desktop Management Interface (DMI) allows users to download system hardware-level information such as CPU type, CPU speed, internal/external frequencies and memory size.
- **Multi I/O:** Winbond W83977EF
- **Parallel Port:** One high-speed parallel port, SPP/EPP/ECP mode
- **Serial Port:** Two 16550 UART compatible ports with COM1 as RS232 and COM2 jumper configurable as RS232/422/485
- **Enhanced IDE:** Two Bus Mastering EIDE mode, up to 4 devices, Two EIDE interfaces for up to four devices, support PIO Mode 3/4 or Ultra DMA/33 IDE Hard Disk and ATAPI CD-ROM.
- **FDD Interface:** Two floppy drives (360KB, 720KB, 1.2MB, 1.44MB, 2.88MB, LS-120)
- **USB Interface:** Two USB pin-header connectors, compliant with USB Specification Rev. 1.0
- **DiskOnChip:** The M-Systems flash disk supports system boot and storage capacity from 2MB to 144MB.
- **Watchdog Timer:** 16-level, programmable

- I/O port 0443H to enable watchdog.
- I/O port 0441H to disable watchdog.
- Up to 1280x1024x8bpp colors resolution for color active matrix TFT panels (12, 18, and 24bit analog) or (12+12), (18+18) double pixel/CLK interface
- **Green Function:** Power management via BIOS, activated through mouse/keyboard movement
- **Keyboard and Mouse Connectors:** PS/2 type mini-DIN that supports PC/AT; supports a 5-pin external keyboard connector
- **IrDA Interface:** Pin-header connector for the optional IrDA external connector
- **PICMG Compliance:** Fully compliant to PICMG standards

Environment and Mechanical

- **Power Supply:** 10A @+5V(max), $\pm 12V:100mA$ (max)
- **Temperature:** 0°C to 60°C (32°~140°F)
- **Humidity:** 5% to 95%
- **Dimensions:** 338 x 122mm

MBC-140: VGA and Ethernet MicroPCI Daughter Card

- C&T 69000/69030 VGA controller
- Embedded 2/4MB SDRAM display memory
- Simultaneous CRT & LCD display
- LCD panel supports DSTN / TFT 1280x1024x8bpp colors CRT resolution
- Realtek RTL8139 Family Ethernet controller
The Realtek RTL8139 Family is a highly integrated and cost-effective single-chip Fast Ethernet controller that provides 32-bit performance, PCI bus master capability, and full compliance with IEEE 802.3u 100Base-TX specifications and IEEE 802.3x Full Duplex Flow Control.