

EBC-7896FW

SPECIFICATION

CPU:

Supports Socket-370 based support Celeron™ III up to 133MHz FSB

System Memory:

One 168-pin DIMM socket up to 512MB SDRAM /VCM

System Chipset: SiS630

Video Controller:

- * Integrated in SiS630 Chipset
- * Share with system memory up to 64MB RAM
- * Up to 1600 x 1200, 16 bits colors, resolution

LCD interface:

- * by SiS630 chipset
- * Supports 24-bit LCD panel by 50-pin connector
- * Equipped with FP24-02V10 for 44-pin 24-bit

Panel connector

1394:

- * TI TSB12LV26/TSB41LV02A chipset
- * Fully supports provisions of IEEE 1394-1995 standard for high performance serial bus and the P1394a supplement
- * Two P1394a fully compliant cable ports at 100/200/400 Mbps
- * Includes two 6 wire shielded twisted-pair with two power lines cable.

Super I/O:

- * 3 x RS-232 port and one RS-232/422/485 (auto-direction RS-485)
- * One parallel port
- * Floppy Disk Controller
- * IrDA

USB Ports:

Two ports meets USB ver.1 standard by pin header

Isolated Digital I/O: 4 DI and 4 DO

Ethernet:

Dual 10/100Mbps Lans with one integrated in SiS630 chipset and one Realtek 8139C



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5.25" Disk Size Socket-370 Based Embedded Board

Audio:

meet AC'97 standard with two 6W amplifier (option)

Digital I/O:

4 x DI and 4 x DO, TTL level

Software Programmable Watchdog Timer

Support ATX function

PC/104 expansion by LPC to ISA Controller

Support one PCI slot

SSD:

support CompactFlash Type II socket

IDE:

ATA66 interface by one 40-pin connector

Power Consumption:

6.5A/5V, 170mA/12V (PIII-933MHz and 256MB SDRAM)

Operating temperature:

0o ~ 60oC (CPU needs cooler)

Ordering Information:

EBC-7896FW: 5.25" disk size Socket-370 based embedded board with LCD/CRT VGA, Dual Lan, Audio 1394

EBC-7896: 5.25" disk size Socket-370 based embedded board with LCD/CRT VGA, Dual Lan, Audio

LVDS-01: One Channel LVDS module, 18-bit Work with NEC 15" NL1027BC30-04F LCD Panel,....etc.

