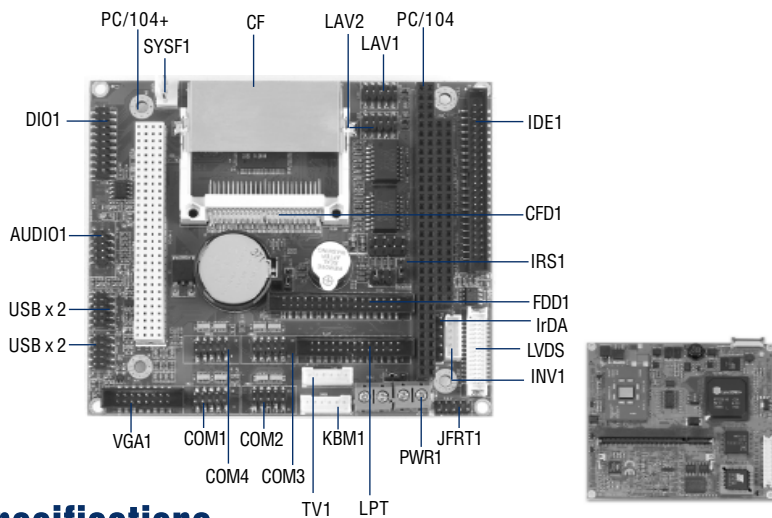


Em104P-t6033

Transmeta Crusoe 800MHz PC/104 Board with VGA/LCD, TV-out, CF & PC/104 Plus



Features

CE FCC ...

- ★ Transmeta Crusoe 800 MHz(Fanless)
- ★ DDR SDRAM up to 512MB (SODIMM200 pin)
- ★ SMI722G8 3D Video Controller with TTL, LVDS, CRT and TV-Out support
- ★ 10/100Mbps Ethernet, RTL 8100BL
- ★ Support Unique Board ID# (2K EEPROM) for software based security and IP protection
- ★ System Easy Upgrade

Specifications

System

- **CPU Type:** Transmeta Crusoe TM5800 800MHz(Fanless)
- **System Memory:** Up to 512MB DDR SDRAM on 200-pin SODIMM module
- **L2 Cache:** 512 KB CPU integrated
- **Southbridge:** VT82C686B
- **Enhanced IDE:** 2 ports and up to 2 ATAPI devices, supports Ultra DMA transfer rates up to 33MB/sec
- **BIOS:** Award Flash BIOS with ACPI and APM 1.2 power management
- **Watchdog Timer:** 127-level timer generates

Multiple I/O

- **IDE Port:** 2 IDE Devices with Ultra DMA33
- **Serial:** 3 high speed RS-232C ports (COM1,3, 4) 1 high speed RS-232C/422/485 port (COM2)
- **Parallel:** SPP, EPP and ECP mode
- **IrDA:** SIR IrDA 1.1 compliant
- **USB:** 4 USB v1.1 ports
- **K/B & Mouse:** 1 /PS/2 keyboard and one PS/2 mouse
- **DIO:** 8 bit Digital Input/Output

LAN

- **Chipset:** 2 x Realtek 8100BL
- **Ethernet Interface:** 10/100Mbps

Audio

- **Chipset:** VT82C686B integrated
- **Audio Controller:** AC97 v2.0 (Soundblaster compatible)(VIA VT1612A) supports Micin, Line in, Line out

DOC

- 32MB/64MB Onboard (by project Request)

Display

- **Chipset:** SMI722G8 3D Video Controller with TTL, LVDS, CRT and TV-Out support
- **Display Memory:** 8MB Video Memory
- **LVDS:** 1 channel 110MHz (18-bit)
- **TTL:** Direct connection to TFT/DSTN panels (24-bit)
- **TV-out:** NTSC, PAL, NTSC-EIA (Japan),640 x 480 resolutions
- **Support dual display:** TTL & LVDS

Environment and Power Consumption

- **Power Requirement (+5V only)/1.69A (MAX)**
- **Operating Temperature:** 0 ~ 60°C (32 ~ 140°F)
- **Operative Humidity:** 0 ~ 90% relative humidity, non-condensing system

Mechanical

- **Dimension (L x W):** 114 x 95 mm (4.5" x 3.7")

Ordering Information

Standard

Em104P-t6033/T800

Transmeta Crusoe 800MHz PC/104 board with CRT/LCD/TV-out, Fast Ethernet x 2, 8 bits DIO

Related Products

Cable Kit

6910911000001

HS-5005

2631160981300, slim type heatsink without fan