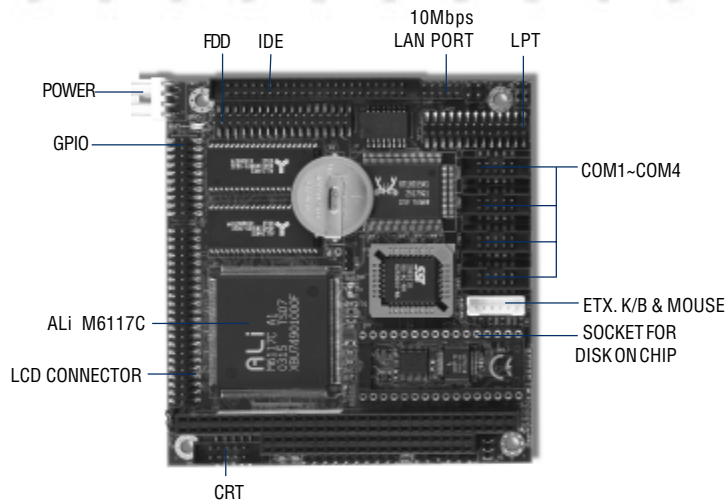


Em104-i313

386SX-40 PC/104 Module with Flat Panel / CRT, Digital I/O, 4 Serial Ports and LAN



Features

- ★ ALi M6117C System on Chip is an Intel compatible 386SX-40 core cobined with M1217B chipset
- ★ 4 MB EDO Memory soldered on board
- ★ Flat Panel / CRT support
- ★ LAN 10 Mbps, Realtek 8019AS
- ★ 16-bit Digital I/O
- ★ 4 Serial Ports
- ★ New High Integration PC/104 386 Board

Specifications

System

- **CPU + Chipset:** 386SX Onboard 40 MHz CPU, embedded in Ali M6117C Chipset
- **System Memory:** 4 MB EDO RAM standard onboard
- **BIOS:** AMI system BIOS
- **Expansion Interface:** PC/104
- **Watchdog Timer:** System RESET or NMI, configurable from 30.5 μ s to 512 seconds (in 30.5 μ s segments)

Multiple I/O

- **Serial:** 2 x RS-232C/RS-485 ports (COM1/COM2), COM1 RS-485 Optional; 2 x RS-232C ports (COM3/COM4)
- **Parallel:** SPP, EPP and ECP mode
- **Enhanced IDE:** 1 port and up to two hard drives or Enhanced IDE devices of PIO mode 4, one 44-pin IDE connector for 2.5" (laptop-size) HDD/Flash IDE drive including power pins
- **Floppy:** 1 port and up to 2 floppy disk drives
- **K/B & Mouse:** Onboard 5-pin header for PS/2-Keybaord and Mouse
- **GPIO:** 16-bit GPIO, 8Digital Input, 8 Digital output

LAN

- **Chipset:** Realtek 8019AS single chip, 10 Mbps, NE2000 compatible
- **Connector:** 8-pin mini header

Display

- **Chipset TOPRO:** TP 6508IQ
- **Display Memory:** 1 MB onboard
- **Display Type:** CRT and Flat Panel Mono/TFT/DSTN/EL
- **Resolution:** 1024 x 768 @ 24 bps
- **LCD Interface:** 24-bit

Flash Disk

- **DiskOnChip2000 socket:** Up to 1 GByte

Mechanical and Environment

- **Power Requirement:** Single voltage +5 V @ 800 mA (with 4 MB EDO installed)
- **Operating Temperature:** 0 ~ 60°C (32 to 140°F)
- **Relative Humidity:** 0%~90%
- **Dimension (L x W):** 96 x 90 mm (3.8" x 3.5")
- **Weight:** 0.25Kg (0.55 lb)

Ordering Information

Em104-i313DVL/4S

PC/104 386SX-40 module with 4MB EDO, Flat Panel/CRT, Fast Ethernet, DiskOnChip socket and 4 serial ports

Em104-i313DV

PC/104 386SX-40 module with 4MB EDO, Flat Panel/CRT, 2 serial ports and DiskOnChip socket