

PC104-486VL-32M

Low Power 133Mhz CPU / VGA / LCD / LAN / 32M RAM



General specifications

- **CPU** : low power 5x86 133Mhz CPU built on board
- **Chipset** : ZF 5x86 chipset * Cache : L1 cache 16KB built in
- **Memory** : 32MB SDRAM built on board (for 486, 32MB is more than enough)
- **BIOS** : AMI BIOS
- **VGA** : Intel C&T 69000 support t VGA / TFT / DSTN / Mono LCD / CRT with 2MB
- **LCD** : Intel C&T 69000 support t TFT / DSTN / Mono LCD / CRT with 2MB
- **LAN** : Realtek 8139C support 100 / 10 Mbps Ethernet
- **Serial port** : 2 x COM ports (1 x RS-232, 1x RS232/422/485)
- **USB port** : 2 x USB ports * BIOS : AMI BIOS
- **IDE/FDD** : support 2 x IDE HDD, CD-ROM
- **I/O** : ZF 5x86 PC system 2 x USB, 1 x LPT, 2 x COM, IDE, FDD,
- **DOM**: support standard DOM from 8MB up to 512MB
- **DOC** : support DOC from 8MB up to 288MB
- **Watch-Dog Timer** : programmable watchdog timer, from 0.1~512 seconds
- **Form Factor**: 95 x 90mm, PC104 Compliant.
- **Power** : single +5V

PC104-3212



General specifications

- **Audio**
ESS 1869A 3D high-performance, mixed-signal, 16-bit stereo chip
 - Hihh-quality 20-voice ESFM Music Synthesis, support FM music synthesis in OPL-3
 - Programmable sample rates from 4 to 48 KHz for record and playback
 - Full-duplex for simultaneous record and playback
 - 3-button hardware master volume control and speaker volum control
 - Software address mapping, 4 DMA and 6 IRQ selections for plug and Play
 - MPU-401 (UART mode) interface for wavetable synthesizers & MIDI devices
 - High speed 16-bit ADC and DAC with filters
 - 7-channel stereo audio mixer with multi Input Sources (DAC synthesize, mono in , Microphone in , line in and CD in)
- **Output**
speaker out, line out and game port
- **DOC SSD socker**
32-pin socket for M-System DOC SSD 2~144MB

PC104-386-2M

PC104 386-40Mhz CPU with 2M DRAM on board

PC104-386-4M

PC104 386-40Mhz CPU with 4M DRAM on board



General specifications

- **CPU** : 386SX-40 Mhz CPU with 2M / 4M RAM n board
- **Chipset** : DMP ALI M6117D chipset
- **Memory** : 2M / 4MB DRAM on board
- **BIOS** : AMI BIOS
- **Serial port** : 2 x COM ports (1 x RS-232, 1x RS232/422/485)
- **IDE/FDD** : support 2 x IDE HDD, CD-ROM * FDD : support 2 x FDD devices
- **I/O** : Ali 5113 chip support 2 x IDE, 1 x LPT, 2 x COM, IDE, FDD,
- **DOM**: support standard DOM from 8MB up to 512MB
- **DOC** : support DOC from 8MB up to 288MB
- **Watch-Dog Timer** : programmable watchdog timer, from 0.1~512 seconds
- **Form Factor**: 95 x 90mm, PC104 Compliant.
- **Power** : single +5V at 500mA

PC104-386V-4M

with 386-40 Mhz CPU, VGA / LCD / 4MB DRAM



General specifications

- **CPU** : 386SX-40 Mhz CPU with 2M / 4M RAM n board
- **Chipset** : DMP ALI M6117D chipset
- **Memory** : 2M / 4MB DRAM on board
- **BIOS** : AMI BIOS
- **VGA / LCD** : TOPRO TP6508IQ chip support VGA / TFT / STN / EL LCD display
- **VRAM** : TOPRO TP6508 IQ support 1MB VRAM on chip
- **Serial port** : 2 x COM ports (1 x RS-232, 1x RS232/422/485)
- **IDE/FDD** : support 2 x IDE HDD, CD-ROM * FDD : support 2 x FDD devices
- **I/O** : Ali 5113 chip support 2 x IDE, 1 x LPT, 2 x COM, IDE, FDD,
- **DOM**: support standard DOM from 8MB up to 512MB
- **DOC** : support DOC from 8MB up to 288MB
- **Watch-Dog Timer** : programmable watchdog timer, from 0.1~512 seconds
- **Form Factor**: 95 x 90mm, PC104 Compliant.