

PM-1041

PC/104 STPC Client CPU Board with VGA



● Specifications

- ◆ CPU: Embedded STPC Client support up to 133MHz 486 core CPU
- ◆ System Memory: 1xSO-DIMM support up to 32MB EDO RAM
- ◆ Display: - On chip STPC Client
 - V-RAM: 512KB~4MB, share with system memory
 - Resolution: up to 1024 x 768 (64k colors)
- ◆ SSD: 1 x DiskOnChip
- ◆ I/O:
 - 2 x RS232
 - 1x LPT
 - 1 x IrDA port
 - 1 x FDD
 - 1 x IDE 44-pins by pin header
- ◆ Power Consumption: +5V@1.4A (STPC Client 32MB EDO RAM)
- ◆ Operation Temperature: 0~60°C (CPU cooler needed)
- ◆ Relative Humidity: 5~95%, non-condensing

● Ordering Information

- **PM-1041**
PC/104 STPC Client CPU Board with VGA

PM-1021

PC/104 386SX-40 Module with LCD VGA/ 4MB DRAM



Power Cable

● Specifications

- ◆ CPU : 386SX-40 class on-chip
- ◆ System Memory : 4MB EDO RAM on board
- ◆ System Chipset : ALI M6117 chipset
- ◆ Video Controller :
 - HM86508
 - VRAM : 512KB
 - Resolution : 800 x 600 (256 colors)
- ◆ Super I/O :
 - 2 x serial ports (16550 compatible UART)
 - 1 x parallel port (support SPP/EPP/ECP)
- ◆ IDE : One 40-pin pin-header, support PIO-4 mode
- ◆ FDD : One port
- ◆ Watchdog timer
- ◆ Power Consumption : +5V@1.4A

● Ordering Information

- **PM-1021**
PC/104 386SX-40 Module with LCD VGA/ 4MB DRAM

PM-1058

PC/104 Plus Dual Channel MPEG 4 audio and video capture module



PM-1058

Coming Soon



VIN-KIT-03

● Specifications

- ◆ PC/104 Plus form factor
- ◆ Dual MPEG-4 Encoder controllers
- ◆ ALi M5273 USB2.0 host controller
- ◆ Philips SAA7113 Video Decoder
- ◆ AKM 5355VT 16-Bit Stereo Audio A/D Converter
- ◆ On-board 16 MB SDRAM
- ◆ Video input: dual channel BNC Video/S-Video; NTSC/PAL/SECAM auto sensing
- ◆ Audio input: dual channel Stereo Audio
- ◆ PCI V2.1 Compliance; Plug & Play supported
- ◆ Ship with VIN-KIT-03 (2-channel BNC Video/S-Video + 2 Mic-phone jack Audio bracket board)

● Ordering Information

- **PM-1058**
PC/104 Plus Dual Channel MPEG 4 audio and video capture module

PM-1056

PC/104 Plus, Multi-Channels Video Capture Module with GPIO function



PM-1056-16PG



PM-1056-4PG



4xRCA Connector Cable kit



25 Pins to 16xBNC input / 1xBNC output cable

● Specifications

- ◆ Analog Video Capture Engine:
 - Conexant Fusion BT878A Capture Engine
 - NTSC/PAL/SECAM PCI Video Decoding
 - Flexible 24-bit wide GPIO (PM-1056-4PG/16PG)
- ◆ Functionality Support
 - NTSC: 720x480, 704x480, 640x480, 352x240, 320x240, 176x112
 - PAL: 720x576, 704x576, 640x576, 352x288, 320x288, 176x144
 - Video loss detection
- ◆ Multi-Screen/Image brightness/Resolution adjustment
- ◆ Capture Frame Rate :Max. 30 fps for 4 channels
- ◆ Provide WDM driver and SDK software development kits
- ◆ Support OS: Window 98, SE, ME, 2000, NT, XP and Linux
- ◆ Power Consumption: 3.5W@5V
- ◆ Operating Temperature: 0~50°C



VIN-KIT-01
4xBNC Connector Board

- **PM-1056-4P**
PC/104 Plus, 4 Channels Video Capture Module
- **PM-1056-4PB**
PC/104 Plus, 4 Channels Video Capture Module with VIN-Kit-01
- **PM-1056-4PG**
PC/104 Plus, 4 Channels Video Capture Module with GPIO function
- **PM-1056-4PGB**
PC/104 Plus, 4 Channels Video Capture Module with GPIO, VIN-Kit-01
- **PM-1056-16P**
PC/104 Plus, 16 Channels Video Capture Module
- **PM-1056-16PG**
PC/104 Plus, 16 Channels Video Capture Module with GPIO function