

PM-1043 PM-1041

PC/104 STPC SBC with VGA and 32/64MB on board SDRAM

PC/104 STPC Client SBC with VGA

PC/104



PM-1041

PC/104



PM-1043



Power Cable

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
 - 1 x 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 SBC with VGA function module

SPECIFICATIONS

- ◆ CPU: Embedded STPC Elite/Consumer II CPU
- ◆ System Memory: On board 32/64MB SDRAM & 1xSO-DIMM slot totally support up to 128MB

Model	PM-1043VLCD Series	PM-1043V Series
VGA Controller	C&T 69000 Resolution: 1024 x 768 @ 24-bit Connector: 16 pin-header for CRT	On Chip STPC Consumer II Resolution: 1280 x 1024 @ 24-bit Connector: 16 pin-header for CRT
LCD	HRS DF9 51 pin-header for 36-bit TFT LCD	N/A

- ◆ SSD: 1x DiskOnChip + 1 x CompactFlash Type II
- ◆ I/O:
 - 1 x PS/2 connector for keyboard/mouse
 - 2 x RS232, 1 x LPT
 - 1 x EIDE (ATA-2) channel, 1 x FDD
- ◆ WDT: Software programmable support 1~255 sec system reset
- ◆ Power Consumption: +5V@1.2A (STPC-DX2 / 64MB SDRAM)
- ◆ Operation Temperature: 0~60°C
- ◆ Relative Humidity: 5~95%, non-condensing

ORDERING INFORMATION

- **PM-1043-32MB** STPC Elite CPU on board 32MB SDRAM PC/104 module
- **PM-1043V-32MB** STPC Consumer II CPU on board 32MB SDRAM with VGA PC/104 module
- **PM-1043VLCD-32MB** STPC Elite CPU on board 32MB SDRAM PC/104 module with VGA/LCD function
- **PM-1043-64MB** STPC Elite CPU on board 64MB SDRAM PC/104 module
- **PM-1043V-64MB** STPC Consumer II CPU on board 64MB SDRAM with VGA PC/104 module
- **PM-1043VLCD-64MB** STPC Elite CPU on board 64MB SDRAM PC/104 module with VGA/LCD function

PM-1021

386SX-40 SBC With LCD/CRT VGA

PC/104

Products



PM-1021

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** 386SX with VGA/LCD Module, 4MB DRAM on-board