PPC-L126T

VIA® C3 Eden Based Fanless Panel PC with 12.1" Color TFT LCD & Optional Touchscreen



Features

- 12.1" TFT SVGA LCD
- VIA® Eden 667 MHz CPU on board
- System memory up to 1 GB SDRAM
- Built-in CD-ROM drive / speakers
- One CompactFlash® Type II socket (True IDE Mode)
- One Mini PCI socket
- Optional one PCI/ISA expansion kit
- Optional Smart Battery Module with UPS functionality
- Windows® CE .NET available
- 10/100Base-T Ethernet
- Removable front bezel
- Fanless and ultra-low power consumption











Introduction

The PPC-L126T is a panel computer designed without a fan, which makes it an ideal solution for low noise operating environments and clean room applications. PPC-L126T has two power sources; an optional battery pack and an AC power supply. The battery charges when the PPC-L126T is connected to the AC power adapter. The optional rechargeable battery pack has more than 60 minutes battery life and can be used as an UPS during unexpected loss of power. The smart battery indicates state of charge and percentage of remaining power. PPC-L126T's ultra-low power consumption saves energy and maximizes battery life. PPC-L126T meets the VESA standard for mounting holes so that it can be used in many different kinds of installations. The front bezel can be removed to make maintenance of the LCD and touchscreen easier and quicker. The support for one plug-in/out CompactFlash disk also makes system maintenance more convenient.

Specifications

- CPU Onboard VIA Eden 667 MHz or above

Memory Two 168-pin DIMM sockets up to 1 GB SDRAM Combo drive Optional DVD/CD-RW 8D/24W/24E/24R or above

SSD One type II CompactFlash socket, built-in 64MB CF

card in PPC-L126T-CE-RT.

HDD One internal IDE interface, 2.5" type

 Network (LAN) 10/100Base-T Ethernet

Fully Integrated I/O - 4 serial ports: RS-232 x 3, RS-232/422/485 x 1 and Speakers:

- 1 parallel port

- 2 USB ports

- 1 PS/2 mouse and keyboard

- Mic-in, Line-in, Line-out

- 1 VGA port

- 1.3 W speakers x 2

Bus Expansion One expansion slot for PCI/ISA card

One MINI PCI expansion slot

• Front Panel Protection IP 65/NEMA 4 compliant

Weight 3.25 kg (7.151 lb)

Dimensions (W x H x D) 340.5 x 269.3 x 70.5 mm (13.41" x 10.6" x 2.78")

Power supply

DC/DC converter

 $18 V_{DC} \sim 25 V_{DC}$, 3.5 A max. Input Voltage

+5 V @ 6 A, +3.3 V @ 6 A, +12 V @ 2 A, Output Voltage

-12 V @ 0.5 A, -5 V @ 0.5 A, 5 VSB @ 1 A

Power Adaptor

AC/DC Converter

 Input Voltage $100 \, V_{AC} \sim 240 \, V_{AC}$ 19 V @ 3.79 A Output Voltage

LCD Display

Display Type 12.1" TFT LCD Max. Resolution 800 x 600 262 k Colors

Dot Size (mm) 0.3075 x 0.3075

Viewing Angle 70° (left), 70° (right), 60° (up), 50° (down)

Luminance 400 cd/m² **Operating Temperature** $0 \sim 50^{\circ} \text{ C}$ **VR Control** Brightness Backlight Lifetime 50,000 hours (min)

Touchscreen (Optional)

Type Analog Resistive Resolution Continuous **Light Transmission**

Controller RS-232 interface (Use COM4)

Power Consumption < 5 V @ 100 mA

Software Driver Supports Windows NT/98/2000/ME/XP

Durability (touches in 35 million

a lifetime)

Environmental Specifications

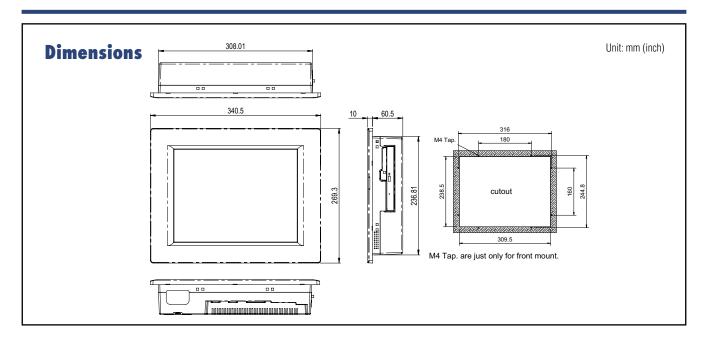
Operating Temperature $0 \sim 40^{\circ} \text{ C} (32 \sim 104^{\circ} \text{ F})$

Storage Temperature -20 ~ 60° C

Relative Humidity 10 ~ 95 % @ 40° C (non-condensing) Shock 10 G peak acceleration (11 msec. duration)

EMC BSMI, VCCI, CE, FCC Class B

Safety CB, CE, UL Vibration 1 G



Ordering Information

PPC-L126T-071-XE

VIA Eden 667 MHz processor-based fanless panel computer with 12.1" TFT LCD $\,$

PPC-L126T-R71-XE

PPC-L126T-071 with resistive touchscreen

■ PPC-L126T-CE-RT1E

PPC-L126T with Windows CE .NET (English) on 128 MB CompactFlash (Slim-type CD-ROM device is available by OEM request in CE-RT1E)

Accessories

■ PPC-EXP-L126

■ PPC-L126-BP

PCI/ISA Expansion kit for PPC-L126T

Rechargeable Li-ion 3S2P 11.1 V 4000 mAh battery

■ PPC-L126 WL-MT

■ PPC-L126 STAND

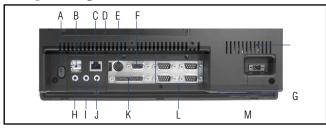
PPC-ARM-A01
PPC-L126Rack-MT

Desktop Stand for PPC-L126T VESA standard ARM for PPC series

Wall Mount Kit for PPC-L126T

19" Rack Mounting Kit for PPC-L126

Fully-Integrated I/O



- A. Main power switch
- B. USB port
- C. Ethernet jack
- D. PCI/ISA expansion slot cover
- E. PS/2 mouse and keyboard
- F. VGA port
- ${\sf G.\ DC\ inlet}$

- H. Line in jack
- I. Line-out jack
- J. Microphone in jack
- K. Parallel port
- L. Serial ports
- M. Battery door cover

