

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 C3 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 and Speakers:**
 - 4 serial ports: RS-232 x 3, RS-232/422/485 x 1
 - 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

- **Input Voltage** 18 V_{DC} ~ 25 V_{DC}, 3.5 A max.
- **Output Voltage** +5 V @ 6 A, +3.3 V @ 6 A, +12 V @ 2 A,
-12 V @ 0.5 A, -5 V @ 0.5 A, 5 VSB @ 1 A

Power Adaptor

AC/DC Converter

- **Input Voltage** 100 V_{AC} ~ 240 V_{AC}
- **Output Voltage** 19 V @ 3.79 A

LCD Display

- **Display Type** 12.1" TFT LCD
- **Max. Resolution** 800 x 600
- **Colors** 262 k
- **Dot Size (mm)** 0.3075 x 0.3075
- **Viewing Angle** 90° (min)
- **Luminance** 200 cd/m²
- **Operating Temperature** 0 ~ 50° C
- **VR Control** Brightness
- **Backlight Lifetime** 20,000 hours (min)

Touchscreen (Optional)

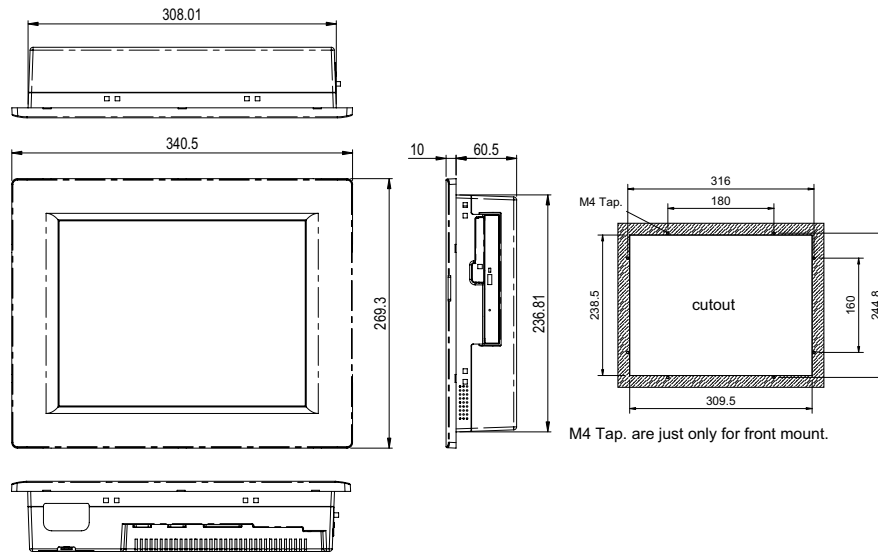
- **Type** Analog Resistive
- **Resolution** Continuous
- **Light Transmission** 75%
- **Controller** RS-232 interface (Use COM4)
- **Power Consumption** <5 v @ 100 mA
- **Software Driver** Supports Windows NT/98/2000/ME/XP
- **Durability (touches in a lifetime)** 10 million

Environmental Specifications

- **Operating Temperature** 0 ~ 40 °C (32 ~ 104 °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

Dimensions

Unit: mm (inch)



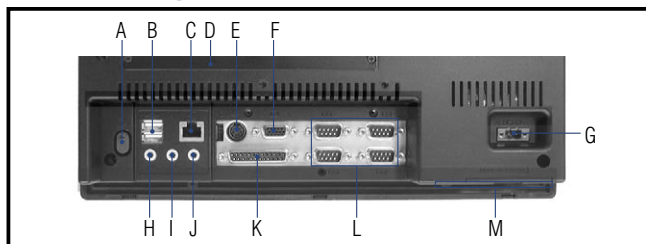
Ordering Information

- **PPC-L126T-070** **Bare BOM: PPC-L126T-070-X**
VIA Eden 667 MHz processor-based fanless panel computer with 12.1" TFT LCD
- **PPC-L126T-R70** **Bare BOM: PPC-L126T-R70-X**
PPC-L126T-070 with resistive touch screen
- **PPC-L126T-CE-RT** PPC-L126T with Windows CE .NET (English) on 64 MB CompactFlash (Slim-type CD-ROM device is available by OEM request in PPC-L126T-CE-RT)

Accessories

- **PPC-EXP-L126** PCI/ISA Expansion kit for PPC-L126T
- **PPC-L126-BP** Rechargeable Li-ion 3S2P 11.1 V 4000 mAh battery pack
- **PPC-L126 WL-MT** Wall Mount Kit for PPC-L126T
- **PPC-L126 STAND** Desktop Stand for PPC-L126T
- **PPC-ARM-A01** VESA standard ARM for PPC series
- **PPC-L126Rack-MT** 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
- 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

