

PPC-L127T



12" TFT XGA LCD

Embedded Intel ULV Celeron M 1GHz

System memory 512 MB expandable up to 1 GB of DDR

Compact Flash ® Type I II socket

10/100Base-T or Gigabit Ethernet with boot on LAN

Fanless and ultra-low power consumption

Mini PCI Socket and optional PCI expansion kit

Removable front bezel

Automatic data flow control over RS-485

Optional Rechargeable Battery Pack

The PPC-L127T is a 12" fanless panel computer which is the ideal solution for low noise operating environments and clean room applications. PPC-L127T has two power sources; an optional battery pack and AC power supply. The battery charges when the PPC-L127T 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 expected loss of power. The PPC-L127T meets the VESA standard for mounting holes so 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.

Specifications

Panel PC type:

Enclosed PPC

Processor

Processor:

Embedded Intel® ULV Celeron® M

Clock Speed:

1 GHz

Real Time Clock:

Memory
Memory Misc.:

Memory: One 184 pin DIMM socket up to 1GB DDR

HDD: One internal 2.5" IDE Interface

SSD: Supports internal Type I/II CompactFlash™ socket

Primary I/O
Video Out.

12

Audio:

Built-in Mic-in. Line-out and Line-in jacks

2x 1.3 Watt Built-in Speakers

Ethernet:

10/100 Base-T Ethernet interface

USB:

6x USB 2.0 (2 internal, 4 external)

Serial Ports:

3x RS-232

1x RS-232/422/485

Watchdog:

Primary I/O Misc.:

Additional I/O: 1 parallel port, external VGA port, 2x Type II PCMCIA ports

Touchscreen

(Optional)

Type: Analog resistive, continuous resolution

Light Transmission: 80%

Controller: RS-232 interface (COM 4)

Software Driver: Supports Windows XP, CE

Lifetime: 35 million touches

Secondary I/O
L1 I/O Out.

Keypad:

PS/2:

Expansion
Bus.

Mini PCI socket and optional PCI/ISA expansion kit

Analog
A/D.

D/A:

Dimensions

Dimensions:

340.5 × 269.3 × 70.5 mm

Weight:

3.25 kg

Power Requirements

Power Misc.:

Output Rating : 60 Watts (typical)

Input Voltage: 12-25VDC 4.5A Max

Optional AC/DC Power Supply

- Input Voltage: 100-240VAC
- Output Voltage: +19V @ 3.16A

Environmental

Low Operating Temperature:

0 C

High Operating Temperature:

50 C

Environmental Misc.:

Relative Humidity: 10 ~ 95% @ 40° C (non-condensing)

Shock (Operating): 10 G peak acceleration (11 ms. duration)

EMC: CE, FCC, BSMI. Safety: UL 60950, CB, CCC, BSMI

Front Panel Protection: Front panel meets NEMA 4 / IP 65

Pricing

Product Variations:

PPC-L127T-080-XE

1.0GHZ CELRON M PANEL PC W/ GLASS

\$1,144.00

PPC-L127T-R80-XE

1.0GHZ CELRON M PANEL PC W/ RESISTIVE T/S

\$1,248.00

Source URL: <https://www.emacinc.com/content/ppc-l127t>