PPC-S154T

15" UltraSlim™ Panel PC with Intel® Pentium® 4/Pentium® M Processor

Features

- 15" TFT XGA LCD
- Mobile Intel® Pentium® 4 Processor-M CPU up to 2.2 GHz
- System memory up to 1 GB DDR SDRAM
- Built-in FDD/CD-ROM drive/speakers
- One Mini PCI espansion slot
- 10/100Base-T Ethernet (or optional Gigabit Ethernet)
- Meets VESA standard
- Supports one internal CompactFlash® Type II socket
- UltraSlim™ profile: only 49 mm (1.93") in depth

Introduction

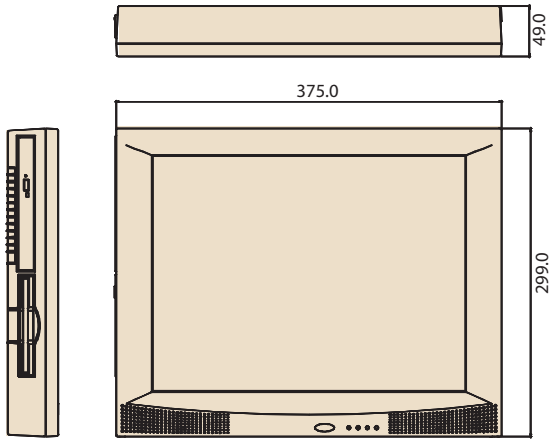
PPC-S154T is a high performance and UltraSlim 15" Panel Computer, incorporating all the features of a powerful computer packed into a slender, stylish housing. Built with a 15" TFT XGA LCD, a powerful Mobile Intel Pentium 4 Processor-M CPU up to 2.2 GHz, and 3D display engine, the mobile Intel Pentium 4 Processor-M is the first Intel mobile processor with the Intel NetBurst™ micro-architecture. The PPC-S154T provides a state-of-the-art information terminal or computing platform for POI, multimedia and medical applications. Meanwhile, the compact and slim design makes the PPC-S154T flexible in installation, such as wall mounting, hanging, swingarm mounting, and desktop stand mounting.

Specifications

Processor System	CPU	Supports Socket 478 based Mobile Intel Pentium 4 Processor-M CPU up to 2.2 GHz (Standard is built-in 1.7 GHz CPU)
	Memory	Supports up to 1 GB DDR SDRAM SODIMM (Standard is built-in 256 MB SDRAM)
	SSD	Supports 1 x internal CompactFlash Type II socket
	HDD	1 x IDE HDD interface (2.5" HDD bay)
	FDD	Supports 720 KB / 1.44 MB FDD
	CD-ROM Drive	Compact 24X or above
	DVD-ROM Drive	Optional 6X or above
	Network (LAN)	10/100Base-T Ethernet interface (or Gigabit optional)
	Bus Expansion	1 x Mini PCI expansion slot
	Front Panel Protection	IP 65/NEMA 4 compliant
	Dimensions (W x H x D)	375 x 299 x 49 mm (14.76" x 11.77" x 1.93")
	Weight	4.9 kg (10.78 lb)
LCD Display	Display Type	15" TFT
	Resolution	1024 x 768
	Color	256 K or above
	Pixel Pitch	0.297 x 0.297 mm
	Brightness	350 cd/m^2 (Typ.)
	Viewing Angle	60° (left), 60° (right), 40° (up), 60° (down)
	Simultaneous Mode	Yes (Optional)
	Backlight MTBF	50,000 hrs
Touchscreen (Optional)	Type	Analog resistive, continuous resolution
	Light Transmission	80%
	Power Consumption	< 5 V @ 100 mA
	Durability (Touch Lifetime)	35 million
Power Supply	Output Rating	Onboard DC/DC ATX type power supply 70 W
	Input Voltage	24 VDC (Typical)
	Output Voltage	5 V @ 12 A, 24 V @ 0.3 A
	Adaptor	100 VAC ~ 240 VAC to 19 V @ 3.79 A
Environmental Specifications	Operating Temperature	0 ~ 45° C (32 ~ 113° F)
	Relative Humidity	10 ~ 95% @ 40° C, non-condensing
	Shock	10 G peak acceleration (11 msec. duration)
	EMC	CE, FCC Class B
	Safety	UL, CE, CB

Dimensions

Unit: mm (inches)

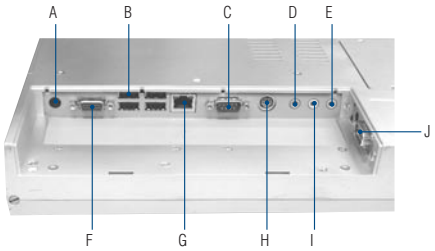


Ordering Information

Part No.	Description
PPC-S154T-080-XE	Bare BOM of PPC-S154T-080-XE equipped with built-in P4-M 1.7GHz Intel CPU, 256MB SDRAM and tempered glass
PPC-S154T-R80-XE	Bare BOM of PPC-S154T-R80-XE
PPC-S153 STAND	Stand kit for PPC-S153T/S154T
PPC-S15X STAND-BLK	Black stand kit for PPC-S153T/S154T
PPC-S154 WL-MT	Wall mount kit for PPC-S154T
PPC-ARM-A03	VESA standard ARM for PPC series
1700001524	POWER CABLE 3P/3P POWER SUPPLY 1.8M FPM-306

* P4-M 1.7 GHz CPU and 256 MB DDR are built-in

Fully-Integrated I/O



A. DC inlet
B. USB ports
C. COM1
D. Mic-in jack
E. Line-in jack
F. VGA port
G. Ethernet jack
H. PS/2 port
I. Line-out jack
J. COM2

Feature Details

High-performance CPU and Display

The PPC-S154T's Socket 478 CPU board with 400 MHz front side bus. Integrated with a 3D display controller and 15" XGA and true color LCD, the PPC-S154T also demonstrates its excellent display performance.

UltraSlim Profile

With dimensions of 375 x 299 x 49 mm, the PPC-S154T occupies much less space than previous panel computers. Thanks to its VESA compliant slim design, the PPC-S154T also provides flexible installations, such as wall mounting, hanging, swingarm mounting, or fixed on a desktop stand.

Networking and Expansion Capability

Two serial ports, four USB 2.0 ports and a 10/100Base-T or Gigabit Ethernet controller enable advanced networking capabilities and provide the best solution for versatile applications. With a built-in Type III Mini PCI socket, the PPC-S154T can offer connections with Type III Mini PCI 56 K modem or second Ethernet or WLAN card to enhance the networking capability. With a built-in internal CompactFlash, Type II socket, the PPCS154T can offer connections with CF type storage. And with a built-in Type III Mini PCI expansion slot, the PPC-S154T can expansively offer connections with Type III Mini PCI, 56 K modem, second Ethernet, or WLAN card to enhance networking capability.