

# TPC-1260T/TE

**Crusoe™ 5400 Touch Panel  
Computer with 12.1" SVGA  
TFT LCD Display**



## Features

- 12.1" SVGA TFT LCD with high luminance
- Slim and compact design with Al-Mg housing
- Fanless cooling system
- NEMA4/IP65 compliant front panel
- HDD kits for environments with extraordinary vibration
- Automatic data flow control RS-485
- Supports Windows® 2000/CE .NET/XP
- Supports a PCI 104 expansion slot
- Supports 2.5" HDD (optional)

## Introduction

With a high quality TFT LCD display, the TPC-1260T adopts the Transmeta™ Crusoe™ 5400 processor as its core. It is a low power consumption x86 compliant processor with 500 MHz operating rate. This system is therefore designed to be fanless though the kernel is powerful. In addition, spindle-free storage makes the TPC-1260T a durable and reliable platform. For those applications where spindle-free storage is not critical, an optional 2.5" slim type HDD can be used. It also provides a PCI-104 expansion slot for applications in harsh environments.

## Specifications

- **Construction** Al-Mg and plastic molding
- **Display** 12.1" SVGA TFT LCD
- **CPU and Core Logic** Transmeta™ Crusoe™ 5400 (500 MHz)
- **BIOS** Award® 256 KB
- **VGA** SMI® 712 VGA controller
- **DRAM** 128 MB on board, among which 112 MB for users
- **Storage** CompactFlash® memory card or 2.5" HDD (freely bundled HDD kit for environments with extraordinary vibration)
- **I/O** 4 serial ports (one configurable to RS-422/485) and RS-485 is auto flow controlled, 1 parallel port, 1 Ethernet port (10/100Base-T), 1 USB port, 2 PS/2 ports
- **Expansion** One 32-bit PCI-104 expansion slot
- **Watchdog Timer** 1.6 seconds interval
- **Power Input** 24 V<sub>DC</sub>, 0.8 A maximum
- **Dimensions (W x H x D)** 311 x 237 x 50 mm (12.24" x 9.33" x 1.97")
- **Gross Weight** 2.2 kg (4.85 lbs)

### LCD Display

	TPC-1260T	TPC-1260TE
▪ <b>Display Size (diagonal)</b>	12.1"	12.1"
▪ <b>Max. Colors</b>	256K	256K
▪ <b>Resolution</b>	800 x 600	800 x 600
▪ <b>Pixel Pitch (H x V)</b>	0.31 x 0.31 mm	0.31 x 0.31 mm
▪ <b>Viewing Angle</b>	90°	90°
▪ <b>Luminance</b>	300 cd/m <sup>2</sup>	100 cd/m <sup>2</sup>
▪ <b>Storage Temperature</b>	-20~60° C (-4~ 140° F)	-20~60° C (-4~ 140° F)
▪ <b>Operating Temperature</b>	0~50° C (32 ~ 122° F)	0~50° C (32 ~ 122° F)
▪ <b>Backlight</b>	2 CCFL	1 CCFL
▪ <b>Contrast Ratio</b>	150	150

### Touchscreen

- **Type** 4-wire, analog resistive
- **Resolution** Continuous
- **Light Transmission** Above 75%
- **Life** 1 million activation minimum at single point

### Environmental Specifications

- **Operating Temperature** 0~50° C (32~122° F)
- **Relative Humidity** 10 ~95% @ 40° C, non-condensing
- **EMI** FCC class A certificated
- **CE certificated**
- **Front panel meets NEMA4/IP65**

## Ordering Information

- **TPC-1260T** 12.1" TFT LCD display touch panel computer with Crusoe™ 5400 CPU, and 128 MB DRAM on board
- **TPC-1260TE** 12.1" commercial grade TFT LCD display touch panel computer with Crusoe™ 5400 CPU, and 128 MB DRAM on board
- **TPC-1260TE-X** TPC-1260TE without touchscreen
- **TPC-1260T-CE** TPC-1260T with Windows® CE 3.0 OS on 32 MB CompactFlash® memory card
- **PS-DC24-50** 50 watts 24 V<sub>DC</sub> output, 110/220 V<sub>AC</sub> 50/60 Hz input power adapter
- **TPC-1260 STAND** TPC-1260T/TE desktop stand
- **TPC-1260 WALLMT** TPC-1260T/TE wall mounting kit
- **TPC-EXP-1560** TPC-1560T/1260T/TE two-slot PCI expansion kit