

TPC-1260H

Crusoe™ 5800 Touch Panel Computer with High-Luminance 12.1" SVGA TFT LCD Display

NEW



Features

- 12.1" SVGA TFT LCD
- Super slim and compact design with Al-Mg housing
- Fanless cooling system
- NEMA4/IP65 compliant front panel
- Supports Windows® XP/2000/CE.NET/ XP Embedded
- Downward I/O cabling
- Automatic data flow control RS-485

Introduction

With a high quality TFT LCD display, the TPC-1260G/H adopts the Transmeta™ Crusoe™ 5800 processor as its core. The Crusoe™ 5800 is a low power consuming x86 compliant processor with 1 GHz operating frequency. This system is fanless although the kernel is powerful. In addition, spindle-free storage makes the TPC-1260G/H a durable and reliable platform. For applications where spindle-free storage is not critical, a fast-access HDD module can be used. Two PCMCIA slots are provided for expansion capability in harsh environments, while the embedded UPS function can avoid abnormal system shutdowns caused by power interruptions. A rich I/O portfolio meets diverse requests.

Specifications

- **Construction** Al-Mg and plastic molding
- **Display** 12.1" SVGA TFT LCD
- **CPU / Core Logic** Transmeta™ Crusoe™ 5800 1 GHz
- **BIOS** Award® 256 KB
- **VGA** SMI® 721 VGA controller
- **Memory** 256 MB DDR SDRAM (up to 512 MB), with 240 MB (up to 496 MB) allocated for users
- **Storage** CompactFlash® memory card or 2.5" HDD
- **I/O** 4 serial ports (one configurable to RS-232/422/485) and RS-485 is auto flow controlled, 1 parallel port, 1 Ethernet port (10/100/1000Base-T), 2 USB ports (USB2.0), 1 PS/2 port (KB/MS combined), 2 PCMCIA slots, 1 VGA port, 3 Audio ports (MIC in X 1, Line in X 1, Line out X 1)
- **Expansion** PC/104-Plus expansion slot
- **Watchdog Timer** 1.6 seconds interval
- **Power Input** 24 V_{DC}, 2 A maximum
- **Dimensions (WxHxD)** 311 x 237 x 58 mm (12.24" x 9.33" x 2.29")
- **Gross Weight** 4.1 kg (9.04 lb)

Environmental Specifications

- **Operating Temperature** 0 ~ 50° C (32 ~ 122° F)
- **Relative Humidity** 10 ~ 95% @ 40° C, non-condensing
- **EMI** FCC class A certification
- **Operating Vibration** 2 grms (5 ~ 500 Hz)
- **Operating Vibration with HDD** 0.25 grms (5 ~ 500 Hz) (X - Axis)
0.5 grms (5 ~ 500 Hz) (Y - Axis)
1 grms (5 ~ 500 Hz) (Z - Axis)
- **Front panel meets NEMA4 / IP65**

Touchscreen

- **Type** 8-wire, analog resistive
- **Resolution** Continuous
- **Light Transmission** Above 75%
- **Life** 1 million activation minimum at single point

LCD Display

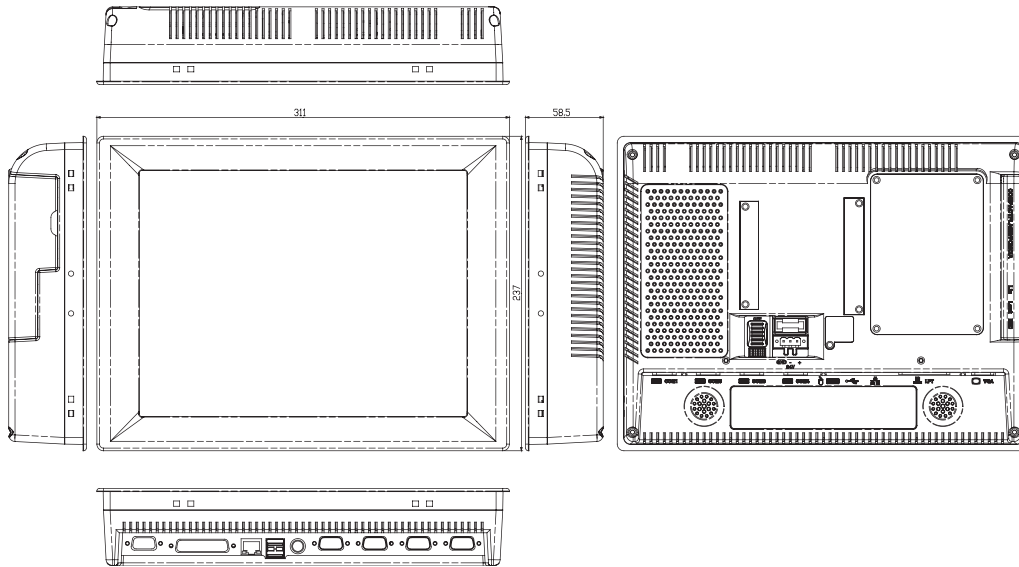
- **Display Size (diagonal)** 12.1"
- **Max. Colors** 256K
- **Resolution** 800 x 600
- **Pixel Pitch (H x V)** 0.3075 x 0.3075 mm
- **Viewing Angle** 120°
- **Luminance cd/m²** 350
- **Storage Temperature** -20~70° C (-4~158° F)
- **Operating Temperature** 0~60° C (32 ~ 140° F)
- **Backlight** 2 CCFL
- **Contrast Ratio** 500

Ordering Information

- **TPC-1260H-A1** 12.1" high luminance TFT LCD display touch panel computer with Crusoe™ 5800 1 GHz CPU and 256 MB DDR SDRAM
- **TPC-1260HN-A1** TPC-1260H-A1 with Windows® CE .NET OS/64 MB CF card
- **TPC-1260H-D1** TPC-1260H-A1 without touch screen
- **TPC-1260H-A5** 12.1" high luminance TFT LCD display touch panel computer with Crusoe™ 5800 1 GHz CPU and 512 MB DDR SDRAM

Dimensions

Unit: mm



Accessories

- **PS-DC24-50** 50 Watts 24 V_{DC} output, 110 V/220 V_{AC} 50/60 Hz input power adapter
- **TPC-1260H WMK** TPC-1260H wall mount kit
- **TPC-1260H STK** TPC-1260H stand kit

Rear View

