TPC-1260G

Crusoe™ 5800 Touch Panel Computer with 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 a durable and reliable platform. Two PCMCIA slots are provided for expansion capability in harsh environments. 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
- **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}, 1A maximum
- **Dimensions (WxHxD)**   311 x 237 x 75.85 mm (12.24" x 9.33" x 2.99")
- **Gross Weight**   3.7 kg (8.15 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 external HDD**   1 grms (5 ~ 500 Hz)
- **Front panel meets NEMA4 / IP65**

Touchscreen

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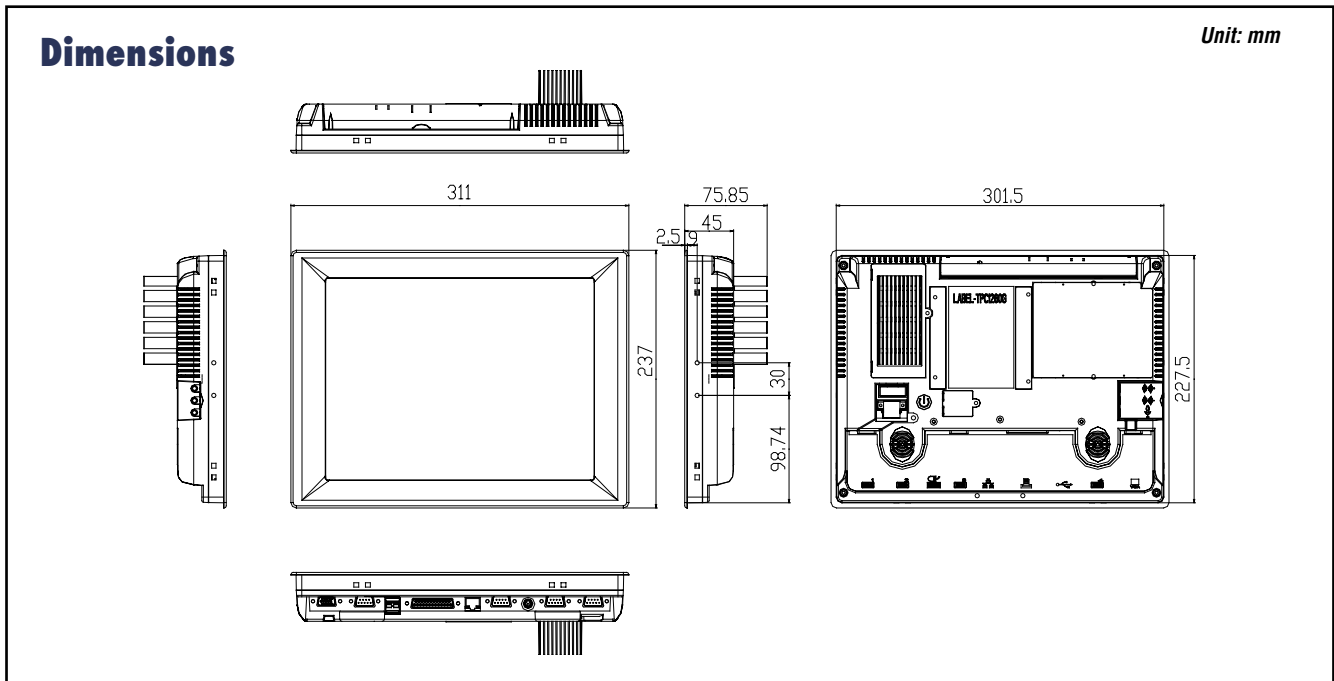- **Resolution**   Continuous
- **Light Transmission**   Above 75%
- **Life**   1 million activation minimum at single point

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**   90°
- **Luminance cd/m^2**   100
- **Storage Temperature**   -20~60° C (-4~140° F)
- **Operating Temperature**   0~50° C (32 ~ 122° F)
- **Backlight**   1 CCFL
- **Contrast Ratio**   150

Ordering Information

- **TPC-1260G-A1**   12.1" TFT LCD display touch panel computer with Crusoe™ 5800 1 GHz CPU and 256 MB DDR SDRAM
- **TPC-1260G-A5**   12.1" TFT LCD display touch panel computer with Crusoe™ 5800 1 GHz CPU and 512 MB DDR SDRAM
- **TPC-1260GN-A1**   TPC-1260G-A1 with Windows® CE .NET OS/64 MB CF card
- **TPC-1260G-D1**   TPC-1260G-A1 without touch screen
- **PS-DC24-50**   50 Watts 24 V_{DC} output, 110 V/220 V_{AC} 50/60 Hz input power adapter
- **TPC-1260G HDD**   TPC-1260G external HDD kit

Dimensions

Unit: mm

311

75.85

45

2.5

237

301.5

227.5

30

98.74

Accessories

- **TPC-1260G WMK**   TPC-1260G wall mount kit
- **TPC-1260G CDK**   TPC-1260G/H CD-ROM kit
- **TPC-1260G HDD**   TPC-1260G external HDD kit

Rear View

Speaker x 2

PC/104-Plus

PCMCIA x 2

CompactFlash® x 1

Audio x 3

COM1

PS2 x 1

COM3

LPT x 1

COM4

VGA x 1

COM5

10/100/1000B-T Ethernet x 1

USB 2.0 x 2

Last updated : January 2005