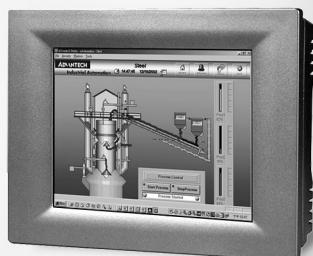


TPC-61T

5.7" VGA TFT LCD TI AM3517 Touch Panel Computer

NEW



Features

- TI AM3517 processor on board
- 5.7" VGA TFT LCD
- Super slim and compact design with plastic housing
- Fanless cooling system
- NEMA4/IP65 compliant front panel
- Built-in flash memory and Windows® CE OS
- 1 x SD card slot
- Automatic data flow control RS-485

Introduction

The TPC-61T model is a compact platform without redundant functions, and has been designed for small-sized operator interface applications. It has a 5.7" TFT LCD display which is a cost effective choice for a limited budget. Its RISC kernel, the TI AM3517 processor consumes minimum power without sacrificing performance. The TPC-61T has a 10/100Base-T Ethernet port offering solid communication ability and comes bundled with a Windows® CE OS that supports Thin-Client solutions. The built-in Windows CE OS platform lets the TPC-61T become an Open HMI solution for system integration.

Specifications

General

- **Certifications** BSMI, CCC, CE, FCC, UL
- **Cooling System** Fanless design
- **Dimensions (W x H x D)** 195 x 148 x 44.4 mm (7.68" x 5.83" x 1.75")
- **Enclosure** ABS
- **Mounting** Panel
- **OS Support** Windows CE 6.0 (English Version)
- **Power Consumption** 12 W (typical)
- **Power Input** 18 ~ 32 V_{DC}
- **Watchdog Timer** Programmable as 250 ms, 500 ms, 1 second
- **Weight (Net)** 0.8 kg (1.76 lb)

System Hardware

- **CPU** TI AM3517
- **Memory** DDR2 256MB on board
- **LAN** 10/100Base-T x 1
- **Storage** 4G on board SD card
1 x SD Card slot
128K FRAM for Data back-up
- **I/O** RS-232 x 2 (COM1,2)
RS-422/RS-485 x1 (COM 3) with auto data flow control
USB2.0 (Host) x 1
USB2.0 (Client) x 1

LCD Display

- **Display Type** VGA TFT LCD
- **Display Size** 5.7"
- **Max. Resolution** 640 x 480
- **Max. Colors** 262 K
- **Luminance cd/m²** 400
- **Viewing Angle (H/V)** 160/140
- **Backlight Life** 50,000 hrs
- **Contrast Ratio** 800 : 1

Touchscreen

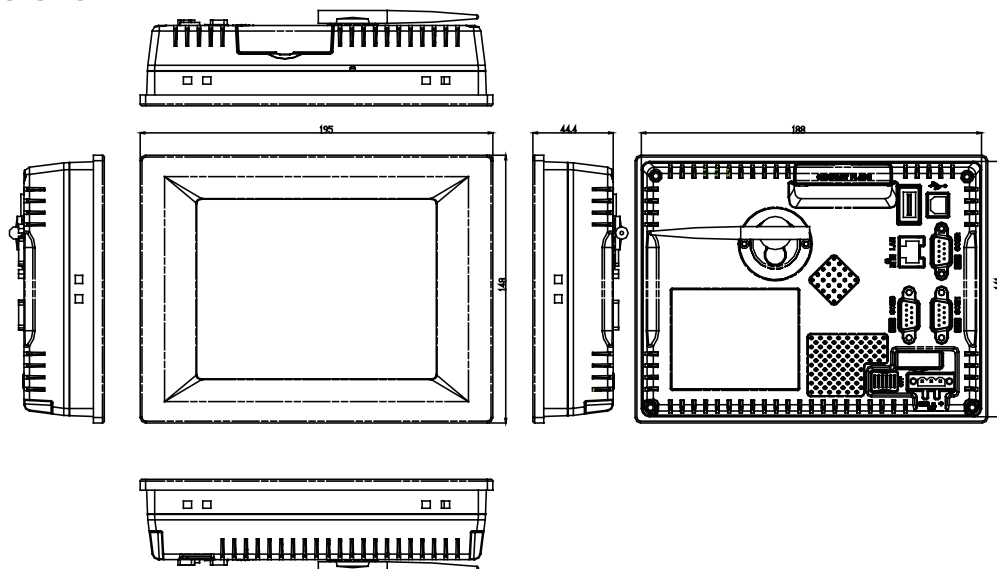
- **Lifespan** 1 millions times with a silicone rubber of 8 mm diameter finger
- **Light** Transmission Above 80%
- **Resolution** Linearity
- **Type** 4-wire, analog resistive

Environment

- **Humidity** 10 ~ 95% RH @ 40°C, non-condensing
- **Ingress Protection** Front panel: NEMA4, IP65
- **Operating Temperature** 0 ~ 50°C (32 ~ 122°F)
- **Storage Temperature** -20 ~ 60°C (-4 ~ 140°F)
- **Vibration Protection** 1 Grms (5 ~ 500 Hz)

Dimensions

Unit: mm



Panel Cut-out Dimensions: 189 x 142 mm

Ordering Information

- **TPC-61T-E3AE** 5.7" VGA Touch Panel PC TI AM3517 600MHz, 256MB
- **PWR-247-AE** 24 V 50 W AC-DC Power Adapter

Rear View

