

TPC-660G

AMD LX800 TPC with 6.4" VGA TFT LCD Display



Features

- AMD LX800 processor on board
- 6.4" TFT LCD
- Super slim and compact design with plastic housing
- Fanless cooling system
- NEMA4/IP65 compliant front panel
- Supports Windows® XPe
- One CompactFlash® slot
- Automatic data flow control RS-485

Introduction

The TPC-660G model is compact platform without redundant functions that have been designed for small-sized operator interface applications. The integration of a fanless kernel, touchscreen and non-volatile storage makes this machine a reliable solution for industrial environments. The 8-bit expansion slot provides a dependable and convenient way to add on functions. Common PC/104 cards for a variety of applications can fit in the TPC-660G.

Specifications

General

- Certifications BSMI, CCC, CE, FCC, UL
- Cooling System Fanless design
- Dimensions (WxHxD) 7.68" x 5.83" x 1.75"
- Enclosure ABS
- Mounting Panel
- OS Support Windows® XPe
- Power Consumption 43.52W
- Power Input 18 ~ 32 VDC
- Watchdog Timer Programmable as 250 ms, 500 ms, 1 second
- Weight (Net) 0.8 kg (1.76 lb)

System Hardware

- Audio Ports 1 x Line-out, 1 x Microphone
- CPU AMD LX800 500 MHZ
- Expansion Slots 1 x PC/104
- Graphics Controller AMD LX800 (internal)
- Keyboard/Mouse Ports 1 x PS/2
- LAN 1 x 10/100Base-T
- Memory 512 MB DDR SDRAM
- Serial Ports 1 x RS-232/422/485
- Storage 4GB CompactFlash card
- USB Ports 2 x USB 2.0

LCD Display

- Display Type TFT LCD
- Display Size 6.4"
- Max Resolution 640 x 480
- Max Colors 262 k
- Luminance (cd/m2) 150
- Viewing Angle (H/V) 90/50
- Backlight Life 20,000 hrs
- Contrast Ratio 180:1

Touchscreen

- Type 4-wire, analog resistive
- Resolution 1024 x 1024
- Light Transmission Above 75%
- Lifespan 10 millions times with a silicone rubber of 8 mm diameter finger

Environment

- Humidity 10 ~ 95% RH @ 40C, non-condensing
- Ingress Protection Front panel: NEMA4, IP65
- Operating Temp 0 ~ 50C
- Storage Temp -20 ~ 70C
- Vibration Protection 1 Grms (Operating, random vibration)

Ordering Information

- C-TPC-660-4GCF-XPE 6.4" TFT LCD TPC w/AMD LX800 500 MHz and 512 MB DDR SDRAM w/4GB CF and XPe

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