TPC-660G

AMD LX800 Touch Panel Computer 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
- One CompactFlash® slot
- Automatic data flow control RS-485
- Supports Windows® XP/CE and WinXPe









Introduction

The TPC-660G models are compact platforms without redundant functions, which have been designed for small-sized operator interface applications. The integration of a fanless kernel, touchscreen and non-voliate storage makes this machine a reliable solution for industrial environments. The 16-bit PC/104 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 (W x H x D) 195 x 148 x 44.4 mm (7.68" x 5.83" x 1.75")

 Enclosure ABS and ABS + PC

 Mounting Panel

 OS Support Windows XP/CE and WinXPe

Power Consumption 43.52 W Power Input $18 \sim 32 V_{DC}$

 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 CompactFlash® slot 1 x PCI-104

 Graphics Controller AMD LX800 (Internal)

• Keyboard/Mouse Ports 1 x PS/2 LAN 1 x 10/100Base-T

Memory 256 MB DDR SDRAM (up to 1 GB DDR SDRAM)

 Serial Ports 1 x RS-232

1 x RS-232/RS422/RS485

1 x CompactFlash card (optional) Storage

USB Ports 2 x USB 2.0

LCD Display

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

Touchscreen

Lifespan 10 millions times with a silicone rubber of 8

mm diameter finger

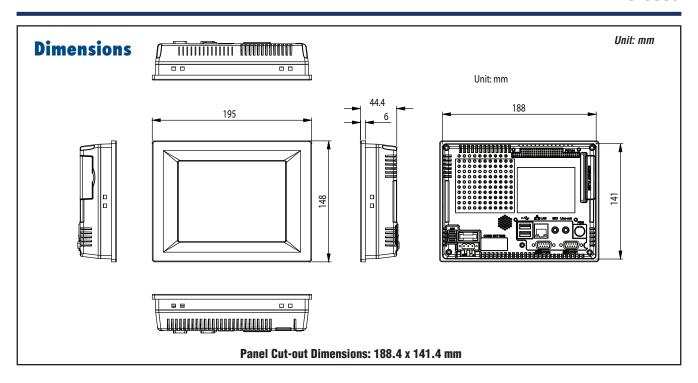
 Light Transmission Above 75% Resolution 1024 x 1024

Type 4-wire, analog resistive

Environment

Humidity $10 \sim 95\%$ RH @ 40° C, non-condensing

 Ingress Protection Front panel: NEMA4, IP65 • Operating Temperature $0 \sim 50^{\circ} \text{ C} (32 \sim 122^{\circ} \text{ F})$ Storage Temperature -20 ~ 70° C (-4 ~ 158° F) Vibration Protection 1 Grms (Random, Operating)

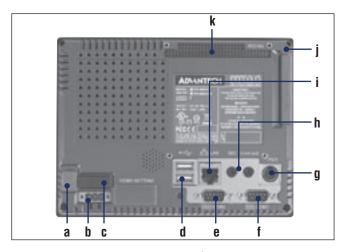


Ordering Information

■ TPC-660G-B1E

6.4" TFT LCD Display TPC with AMD LX800 500 MHz and 256 MB DDR SDRAM

Rear View



- a. Power
- b. Power Receptor
- c. Fuse
- d. USB 1.1 Host
- e. COM2 (RS232/422/485)
- f. COM1 (RS232)

- g. PS/2
- h. Audio (MIC, Line-out)
- i. 10/100Mb LAN
- j. CompactFlash
- k. PC/104