TPC-1261H

12.1" SVGA TFT LCD Geode™ LX800 Touch Panel Computer



Features

- AMD Geode[™] LX800 processor on board
- 12.1" SVGA TFT LCD
- Super slim and compact design
- Fanless cooling system
- NEMA4/IP65 compliant front panel
- Supports Microsoft® Windows® XP/CE and WinXPe
- Automatic data flow control RS-485





Introduction

With a high quality TFT LCD display, TPC-1261H is designed with the AMD LX800 processor as its core. The LX800 has low power consumption and 500 MHz operating frequency. This system is fanless although the kernel is powerful. In addition, spindle-free storage makes the TPC-1261H a durable and reliable platform.

For applications where spindle-free storage is not critical, a fast-access HDD module can be used. It also provides a PCI-104 expansion slot for TPC-1261H-A1E.

Specifications

General

■ **BIOS** Award® 4 MB

Certifications
BSMI, CCC, CE, FCC, UL

Cooling System
Fanless design

Dimensions (W x H x D) 311 x 237 x 56 mm (12.24" x 9.33" x 2.2")

• Enclosure Front bezel: Al-Mg

Back housing: ABS

Mounting Desktop, Wall or Panel Mount
OS Support Windows XP/CE and WinXPe

Power Consumption
Power Input
Watchdog Timer
Weight (Net)
36 W (typical)
18 ~ 32 V_{DC}
1 sec (system)
2.2 kg (4.85 lb)

System Hardware

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)

Parallel Ports
1 x Parallel Port

■ **Serial Ports** 3 x RS-232 (COM1, 2, 3)

1 x RS-232/485/422 (COM4)

• **Storage** 1 x 2.5" PATA HDD (optional)

USB Ports 2 x USB 2.0

LCD Display

Backlight Life 50,000 hrs
Contrast Ratio 300 : 1
Display Size 12.1"

Display Type SVGA TFT LCD
Luminance cd/m² 340

Max. Colors 262 K
Max. Resolution 800 x 600
Viewing Angle (H/V°) 100/60

Touchscreen

• **Lifespan** 1 million touches at single point

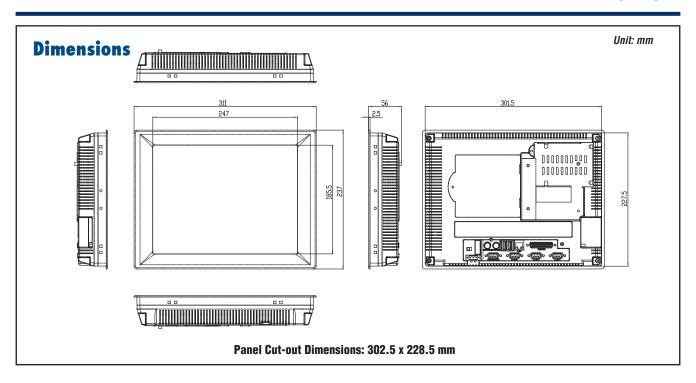
Light Transmission Above 75%Resolution Linearity

• **Type** 8-wire, analog resistive

Environment

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

Ingress Protection
Operating Temperature
Storage Temperature
Vibration Protection
Front panel: NEMA4, IP65
0 ~ 50° C (32 ~ 122° F)
-20 ~ 60° C (-4 ~ 140° F)
With HDD: 1 grms (5 ~ 500 Hz) (Operating, random vibration)

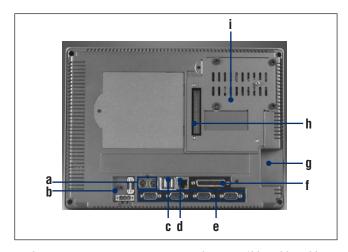


Ordering Information

TPC-1261H-A1E 12.1" TFT LCD Display TPC with AMD LX800 500 MHz CPU and 256 MB DDR SDRAM

TPC-1261H Desktop Stand ■ TPC-1261H-SMKE ■ TPC-1261H-WMKE TPC-1261H Wallmount Kit ■ TPC-1270H-EPKE TPC Series PC/PCI-104 Extension Kit PWR-247-AE 24 V 50 W AC-DC Power Adapter

Rear View



- a. PS/2
- b. Power Switch, Fuse (3.15A), Power Receptor
- c. USB 2.0
- d. Ethernet Port (10/100)
- e. Serial Ports (COM4, COM3, COM2, COM1)
- f. Parallel Port
- g. CompactFlash
- h. PCI-104
- i. 2.5" PATA HDD Cover