

TPC-1261H

12.1" SVGA TFT LCD Geode™ LX800 TPC



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 XPe
- Automatic data flow control RS-485

Introduction

With a high quality TFT LCD display, the TPC-1261H is designed with the AMD Geode™ LX800 processor at its core. The LX800 has low power consumption and a 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 the TPC-1261H.

Specifications

General

- BIOS Award® 4MB
- Certifications BSMI, CCC, CE, FCC, UL
- Cooling System Fanless design
- Dimensions (WxHxD) 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® XPe
- Power Consumption 36W
- Power Input 18 ~ 32 VDC
- Watchdog Timer 1 second (system)
- Weight (Net) 2.2 kg (4.85 lbs)

System Hardware

- CPU AMD LX800 500 MHz
- Expansion Slots 1 x PCI-104
- Graphics Controller AMD LX800 (internal)
- Keyboard/Mouse Ports 1 x PCI-104
- Memory 256 MB DDR SDRAM
- LAN 10/100Base-T
- Parallel Ports 1 x Parallel Port
- Serial Ports 3 x RS-232 (COM1,2,3)
1 x RS-232/485/422 (COM4)
- Storage 4GB Compactflash card
1 x 2.5" PATA HDD (optional)
- USB Ports 2 x USB 2.0

LCD Display

- Display Type SVGA TFT LCD
- Display Size 12.1"
- Max Resolution 800 x 600
- Max Colors 262 k
- Luminance (cd/m²) 340
- Viewing Angle (H/V) 100/60
- Backlight Life 50,000 hrs
- Contrast Ratio 300:1

Touchscreen

- Type 8-wire, analog resistive
- Resolution Linearity
- Light Transmission Above 75%
- Lifespan 1 million touches at a single point

Environment

- Humidity 10 ~ 95% RH @ 40C, non-condensing
- Ingress Protection Front panel: NEMA4, IP65
- Operating Temp 0 ~ 50C
- Storage Temp -20 ~ 60C
- Vibration Protection With HDD: 1 Grms (5 ~ 500 Hz)
(Operating, random vibration)

Ordering Information

- C-TPC1261-4GCF-XPe 12.1" TFT LCD TPC w/AMD LX800
500 MHz CPU and 256 MB DDR SDRAM
- TPC-1261H-SMKE TPC-1261H Desktop Stand
- 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

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