TPC-1570H

15" XGA TFT LCD Pentium® M/ Celeron® M Touch Panel Computer



Features

- Intel® Pentium® M processor up to 1.4 GHz on board
- 15" XGA TFT LCD
- Compact design with Al-Mg front bezel
- Fanless cooling system
- NEMA4/IP65 compliant front panel
- Supports Microsoft® Windows® XP/XPe/CE
- Automatic data flow control RS-485
- Gigabit Ethernet supported



Introduction

With a high quality TFT LCD display, TPC-1570H is designed with the Intel Pentium M 1.4 GHz/Celeron® M 1 GHz processor as its core. The Intel Pentium M/Celeron has low power consumption and 1.4 GHz/1 GHz operating frequency. This system is fanless although the kernel is powerful. In addition, spindle-free storage makes the TPC-1570H a durable and reliable platform. For applications where spindle-free storage is not critical, a fast-access HDD module can be used. The rich I/O portfolio meets diverse requests.

Specifications

General

Mounting

BIOS Award® 4 MB
 Certifications BSMI, CCC, CE, FCC, UL

Cooling System Fanless design

Dimensions (W x H x D) 383 x 307 x 64.5 mm (15.08" x 12.09" x 2.54")

• Enclosure Front bezel: Al-Mg

Back housing: ABS + PC
Desktop, Wall or Panel Mount

OS Support Windows XP/XPe/CE*
 Power Consumption 42 W (typical)
 Power Input 18 ~ 32 V_{DC}
 Watchdog Timer 1 ~ 255 sec (system)
 Weight (Net) 5 kg (11.02 lbs)

System Hardware

CPU TPC-1570H-P2E: Pentium M 1.4GHz with 2M cache

TPC-1570H-C1E: Celeron M 1GHz with non-cache TPC-1570H-B1E: Celeron 600MHz with 512K cache

■ Chipset TPC-1570H-P2E: Intel 855GME + ICH4

TPC-1570H-C1E: Intel 855GME + ICH4

TPC-1570H-B1E: Intel 852GM

Memory
 TPC-1570H-P2E: 1GB SO-DIMM DDR SDRAM

TPC-1570H-C1E: 512MB SO-DIMM DDR SDRAM,

Up to 1GB

TPC-1570H-B1E: 512MB SO-DIMM DDR SDRAM,

Up to 1GB

■ LAN TPC-1570H-P2E/C1E: 10/100Base-T x 1,

10/100/1000Base-T x 1

TPC-1570H-B1E: 10/100Base-T x 2

Expansion Slots
 PCMCIA x 1

Storage CompactFlash® slot x 1
 2.5" PATA HDD x 1(optional)

I/O RS-232 x 2 (COM1, 3)

RS-232/422/485 x 1 (COM4) with auto data flow

control USB 2.0 x 2

PS/2 Keyboard/Mouse x 1

Parallel Port x 1 VGA x 1

MIC-in x 1, Line-in x 1, Line-out x 1

LCD Display

Display Type XGA TFT LCD Display Size 15" Max. Resolution 1024 x 768 Max. Colors 262 K Luminance cd/m² 350 Viewing Angle (H/V°) 120/100 Backlight Life 50,000 hrs 500:1 Contrast Ratio

Touchscreen

Lifespan
 1 million touches at single point

Light Transmission Above 75%Resolution Linearity

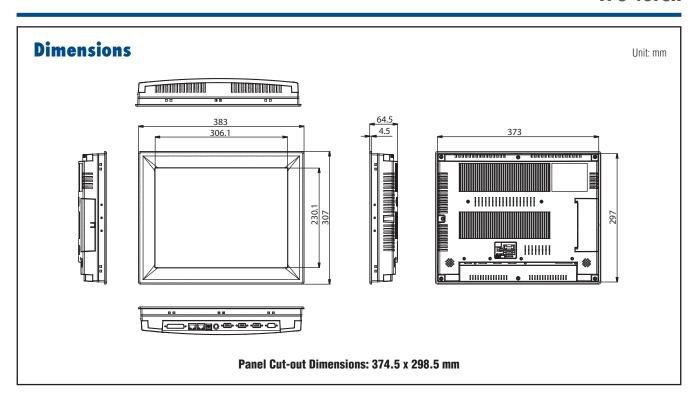
• Type 8-wire, analog resistive

Environment

Humidity
 10 ~ 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)



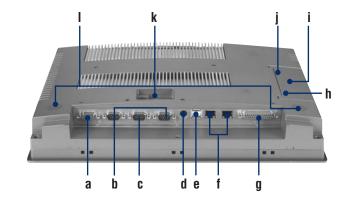
Ordering Information

■ TPC-1570H-P2E 15" XGA Touch Panel PC, Pentium M 1.4 GHz,1 GB ■ TPC-1570H-C1E 15" XGA Touch Panel PC, Celeron M 1 GHz, 512 MB ■ TPC-1570H-B1E 15" XGA Touch Panel PC, Celeron M 600 MHz, 512

■ TPC-1570H-SMKE TPC-1570H Desktop Stand

■ TPC-1570H-WMKE TPC-1570H Wallmount Kit **1757001317** 19 V 72 W AC-DC Power Adapter

Rear View



- a. VGA
- b. COM (RS-232)
- c. COM (RS-232/422/485)
- d. PS/2
- e. USB 2.0
- f. LAN (10/100/1000)
- g. LPT

- h. Audio (MIC, Line-Out, Line-in)
- i. PCMCIA
- j. CompactFlash
- k. Power Switch, Fuse (3.15A), Power Receptor
- I. Speaker

^{*} Windows XPe supports 10 languages with MUI. (English, Traditional Chinese, Simplifed Chinese, French, German, Spanish, Russian, Italian, Japanese and Korean)