# TPC-1570H

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



## **Features**

- Intel® Pentium® M Processor up to 1.4 GHz on board
- 15" XGA TFT LCD
- Compact design with Al-Mg housing
- Fanless cooling system
- NEMA4/IP65 compliant front panel
- Supports Microsoft® Windows® XP/2000/CE and WinXPe
- Automatic data flow control RS-485
- Giga Ethernet and fast Ethernet supported



## Introduction

With a high quality TFT LCD display, TPC-1570H is designed with the Intel Pentium M 1.4GHz/Celeron M 1GHz processor as its core. The Intel Pentium M/Celeron M has low power consumption and 1.4GHz/1GHz 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

BIOS Award® 4 MB

Certifications BSMI, CCC, CE, FCC, UL

 Cooling System Fanless design

Dimensions (W x H x D) 383 x 307 x 65 mm (15.08" x 12.09" x 2.56")

 Enclosure Front bezel: Al-Mg

Back housing: ABS + PC

Desktop, Wall or Panel Mount Mounting

Microsoft Windows XP/2000/CE and WinXPe OS Support

 Power Consumption 60 W Power Input 18 ~ 32 V<sub>DC</sub> Watchdog Timer 1 sec (system) Weight (Net) 5.5 kg (12.13 lb)

#### **System Hardware**

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

- CPU TPC-1570H-P1E: Pentium M 1.4GHz with 2M cache

> TPC-1570H-C1E: Celeron M 1GHz non-cache TPC-1570H-A1E: Celeron M 1GHz with 512K cache TPC-1570H-B1E: Celeron 600MHz with 512K cache

Expansion Slots 1 x CompactFlash® slot

1 x PCMCIA

 Graphics Controller Intel 855GME: TPC-1570H-P1E

> TPC-1570H-C1E TPC-1570H-A1E TPC-1570H-B1E

Keyboard/Mouse Ports 1 x PS/2

- LAN 1 x 10/100/1000Base-T. 1 x 10/100/1000Base-T

Intel 852GM:

(TPC-1570H-P1E/C1E,A1E) 2 x 10/100Base-T (TPC-1570H-B1E)

Memory 512 MB DDR SDRAM (up to 1 GB)

 Parallel Ports 1 x Parallel port Serial Ports 2 x RS-232 and 1 x RS-232/485/422 Storage 1 x 2.5" PATA HDD (optional)

50.000 hrs

**USB Ports** 2 x USB 2.0 Video Ports 1 x VGA

#### **LCD Display** Backlight Life

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

#### Touchscreen

Lifespan 1 million touches at single point

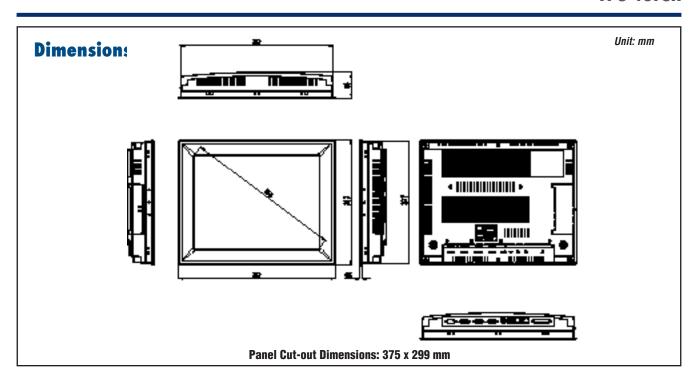
 Light Transmission Above 75% Pixel Pitch (H x V) 0.3075 x 0.3075 mm Resolution 1024 x 1024 Type 8-wire, analog resistive

#### **Environment**

Humidity 10 ~ 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 ~ 60° C (-4 ~ 140° F) Vibration Protection With HDD: 1 grms (5 ~ 500 Hz)

(Operating, random vibration)



# **Ordering Information**

■ TPC-1570H-A1E 15" TFT LCD Display TPC with Intel Celeron M 1 GHz CPU, 512 K cache, 512 MB DDR SDRAM

15" TFT LCD Display TPC with Intel Celeron M TPC-1570H-B1E 600MHz CPU,512 K cache, 512 MB DDR SDRAM

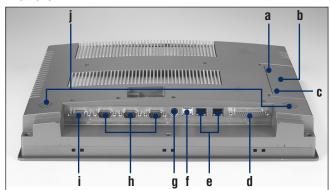
■ TPC-1570H-C1E 15" TFT LCD Display TPC with Intel Celeron M 1 GHz CPU, Non-cache, 512 MB DDR SDRAM

■ TPC-1570H-P1E 15" TFT LCD Display TPC with Intel Pentium M 1.4 GHz CPU, 2MB cache, 512 MB DDR SDRAM

■ TPC-1570H-SMKE TPC-1570H desktop stand ■ TPC-1570H-WMKE TPC-1570H wallmount kit

## **Rear View**

### TPC-1570H



- a. CompactFlash Slot x 1
- b. PCMCIA x 1
- c. Audio x 3
- d. LPT x 1
- e. LAN x 2

- f. USB x 2
- g. PS2 x 1
- h. COM x 3
- i. VGA x 1 j. Speaker x 2