TPC-1570H

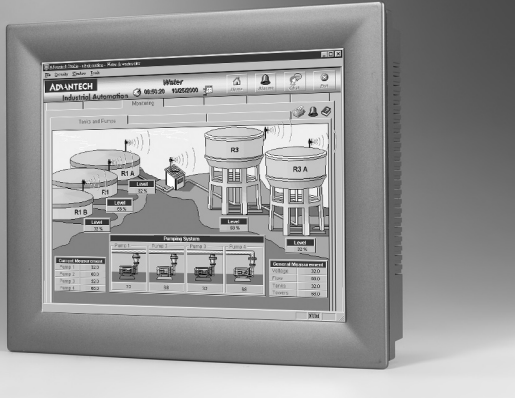## Intel® Celeron® M Touch Panel Computer with 15" XGA TFT LCD

NEW

Features

- Intel® Celeron M Processor up to 1GHz 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
- Downward I/O cabling
- 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 Celeron M 600MHz/ 1GHz processor as its core. The Intel Celeron M has low power consumption and 600 MHz / 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

BIOS	Award® 256 KB
Certifications	BSMI, CCC, CE, FCC, UL
Cooling System	Fanless design
Dimensions (WxHxD)	383 x 307 x 65 mm (15.08" x 12.09" x 2.56")
Enclosure	Al-Mg and ABS + PC
Mounting	Desktop, swing arm or wall (with mounting kit)
OS Support	Microsoft Windows XP/2000/CE and WinXPe
Power Consumption	60 W
Power Input	18 ~ 32 V_{DC}
Watchdog Timer	1.6 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	Intel Celeron M 600MHz/ 1GHz
Expansion Slots	1 x CompactFlash® slot 1 x PCMCIA
Graphics Controller	Intel 855 GME
Keyboard/Mouse Ports	1 x PS/2
LAN	2 x 10/100Base-T or 1 x 10/100Base-T, 1 x 10/100/1000Base-T
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 CompactFlash® card, or 1 x 2.5" HDD (option)
USB Ports	2 x USB V 2.0
Video Ports	1 x VGA

LCD Display

Backlight Life	50,000 hrs
Contrast Ratio	1:400
Display Size	15"
Display Type	XGA TFT LCD
Luminance cd/m²	350
Max. Colors	256 K
Max. Resolution	1024 x 768
Viewing Angle	120°

Touchscreen

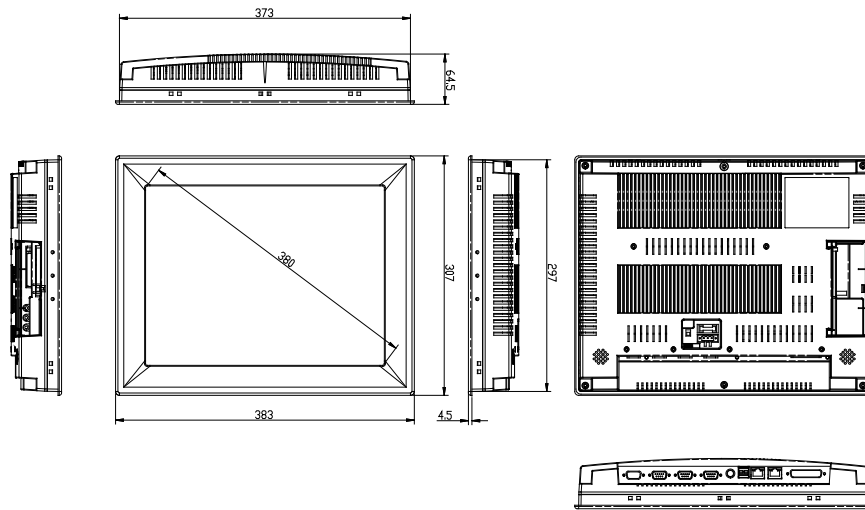|	
Lifespan	1 million touches at single point
Light Transmission	Above 75%
Pixel Pitch (H x V)	0.3075 x 0.3075 mm
Resolution	1024 x 1024
Type	8-wire, analog resistive

Environment

Humidity	10 ~ 95% RH @ 40° C, non-condensing
Ingress Protection	Front panel: NEMA4, IP65
Operating Temperature	0 ~ 50° C (32 ~ 122° F)
Vibration Protection	With CompactFlash: 2 grms (5 ~ 500 Hz) With HDD: 1 grms (5 ~ 500 Hz)

ADVANTECH | **Touch Panel Computers**
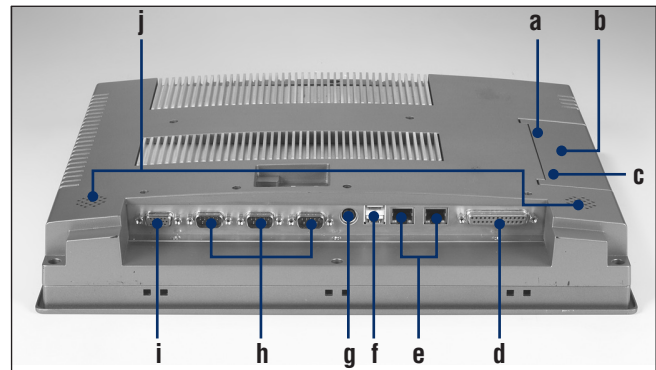
Dimensions

Unit: mm

Panel Cut-out Dimension: 373.5 x 297.5 mm

(Operating, random vibration)

Ordering Information

- **TPC-1570H-A1**   15" TFT LCD display touch panel computer with Intel Celeron M 1 GHz CPU, 512 MB DDR SDRAM
- **TPC-1570H-B1**   15" TFT LCD display touch panel PC with Intel Celeron M 600 MHz CPU, 512 MB DDR SDRAM
- **TPC-1570H-A1E**   TPC-1570H-A1 with RoHS compliance
- **TPC-1570H-B1E**   TPC-1570H-B1 with RoHS compliance
- **TPC-1570 STAND**   TPC-1570H desktop stand
- **TPC-1570 WALLMT**   TPC-1570H wall mounting kit

Rear View

a. Compact Flash Slot x 1   f. USB x 2
b. PCMCIA x 1   g. PS2 x 1
c. Audio x 3   h. COM x 3
d. LPT x 1   i. VGA x 1
e. LAN x 2   j. Speaker x 2