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TPC-1070H

Intel® Pentium® M/Celeron® M Touch Panel Computer with 10.4" SVGA TFT LCD



Features

- Intel® Pentium® M Processor up to 1.4 GHz on board
- 10.4" SVGA TFT LCD
- Compact design with Die-Casting
- 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
- Dual fast Ethernet supported

Introduction

With a high quality TFT LCD display, TPC-1070H is designed with the Intel Pentium M 1.4 GHz/Celeron M 1 GHz processor as its core. The Intel Pentium M/Celeron M 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-1070H 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)	286 x 226 x 58 mm (11.26" x 8.9" x 2.28")
Enclosure	Die-Casting Aluminum alloy
Mounting	Desktop, Wall or Panel Mount
OS Support	Microsoft Windows XP/2000/CE and WinXPe
Power Consumption	60 W
Power Input	18 ~ 32 V_{DC}
Watchdog Timer	1 sec (system)
Weight (Net)	3.5 kg (7.72 lb)

System Hardware

CPU	Intel Pentium M 1.4 GHz/Celeron M 1 GHz
Expansion Slots	1 x CompactFlash slot 1 x PCI-104 slot
Graphics Controller	Intel 855 GME
Keyboard/Mouse Ports	1 x PS/2
LAN	1 x 10/100Base-T, 1 x 10/100/1000Base-T (TPC-1070H-P1E) 2 x 10/100Base-T (TPC-1070H-C1E)
Memory	512 MB DDR SDRAM
Serial Ports	2 x RS-232 and 1 x RS-232/485/422
Storage	1 x CompactFlash card (optional) , or 1 x 2.5" HDD (optional)
USB Ports	2 x USB 2.0

LCD Display

Backlight Life	50,000
Contrast Ratio	500:1
Display Size	10.4"
Display Type	SVGA TFT LCD
Luminance cd/m²	400
Max. Colors	260 K
Max. Resolution	800 x 600
Viewing Angle (H/V)	140/110

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

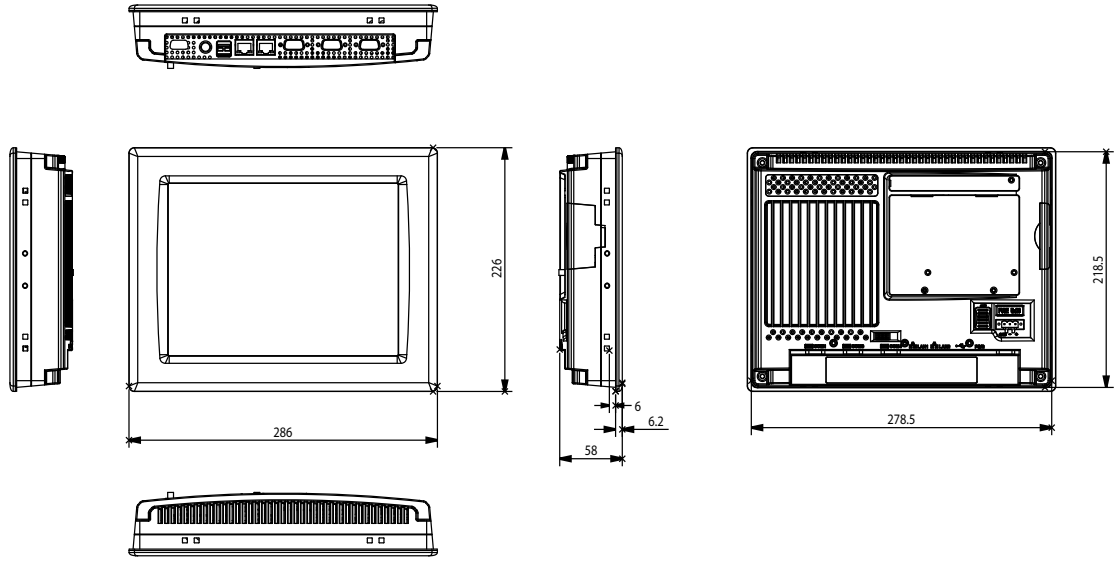
Environment

Humidity	10 ~ 95% RH @ 40° C, non-condensing
Ingress Protection	Front panel: NEMA4, IP65
Operating Temperature	0 ~ 50° C (32 ~ 122° F)
Storage Temperature	-20 ~ 70° C (-4 ~ 158° F)
Vibration Protection	With CompactFlash: 2 grms (5 ~ 500 Hz) With HDD: 1 grms (5 ~ 500 Hz) (Operating, random vibration)

All product specifications are subject to change without notice

Dimensions

Unit: mm



Panel Cut-out Dimensions: 279.5 x 219.5 mm

Ordering Information

- **TPC-1070H-P1E** 10.4" TFT LCD Display TPC with Intel Pentium M 1.4 GHz CPU, 512 MB DDR SDRAM
- **TPC-1070H-C1E** 10.4" TFT LCD Display TPC with Intel Celeron M 1 GHz CPU, 512 MB DDR SDRAM

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