IFO2175-873

17" SXGA TFT Fanless Super Slim Touch Panel Computer with 3rd Generation Intel® Core™ i7/i5/i3 & Celeron® Processor

Features

- 17" (350 nits) SXGA TFT LCD
- Socket rPGA988B 3rd generation Intel® Core™ i7/i5/i3 (Ivy Bridge) & Celeron® processor
- Intel® QM77 chipset
- USB 3.0 supported
- Water/dust-proof design (front bezel: IP65, full enclosure: IPX1)
- Optional one PCI or PCIe x4 expansion slot
- Optional Bluetooth/Wi-Fi (802.11 b/g/n)
- Built-in 5 mega pixels camera
- Supports optional wall mount, VESA arm and desktop stand

Introduction

The IFO2175-873 is a slim panel computer equipped with a 17-inch 350 nits high brightness SXGA LCD display that supports 3rd generation Intel® Core™ i7/i5/i3 & Celeron® processors up to 35W with Intel® QM77 chipset. The Intel® HD Graphics engine with DX11 support is built into the chipset to provide fast graphics performance. The panel PC also supports DualView and multiple I/O options including 4 USB and 1 RS-232/422/485 ports. The built-in 5 mega pixels camera and microphone/speakers can provide a solution for VoIP and remote monitoring. The IFO2175-873 also supports an antenna for wireless (802.11 b/g/n) connection. Its dual Gigabit Ethernet ports provide high speed Ethernet as well as a high reliable redundancy host connection. This robust unit is designed to work under minimal noise levels, low power consumption, high reliability and while maintaining efficient performance. Its excellent industrial design (ID) and user friendly interface design make it an ideal solution best suited for infotainment, advertising messaging, and other digital signage applications.

Water/dust-proof design for entire system: IPX1

The IPX1 rated water/dust-proof housing protects the entire system from outside damage caused by water drip damage while installed at public or enclosed environments. Its unique design improves system stability while saving time and money on maintenance costs and re-installation time.

Specifications

<table>
<thead>
<tr>
<th>Front Bezel</th>
<th>Plastic ABS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Display Type</td>
<td>17&quot; SXGA TFT LCD</td>
</tr>
<tr>
<td>Brightness (cd/m²)</td>
<td>350 nits</td>
</tr>
<tr>
<td>Resolution</td>
<td>1280 x 1024</td>
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<tr>
<td>Viewing Angle (H/V)</td>
<td>178°/178°</td>
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</tbody>
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<table>
<thead>
<tr>
<th>Main System</th>
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<tbody>
<tr>
<td>CPU</td>
<td>Socket rPGA988B 3rd generation Intel® Core™ i7/i5/i3 &amp; Celeron® processor, TDP up to 35W</td>
</tr>
<tr>
<td>Chipset</td>
<td>Intel® QM77</td>
</tr>
<tr>
<td>System Memory</td>
<td>2 x 204-pin DDR3 SO-DIMM max. up to 16 GB</td>
</tr>
<tr>
<td>BIOS</td>
<td>AMI UEFI BIOS with 0A 3.0 built</td>
</tr>
<tr>
<td>Storage</td>
<td>1 x 2.5&quot; SATA HDD</td>
</tr>
<tr>
<td>Optical Drive</td>
<td>1 x mSATA</td>
</tr>
<tr>
<td>Watchdog Timer</td>
<td>1 x Super Multi drive (optional)</td>
</tr>
<tr>
<td>Onboard Graphics</td>
<td>Intel® HD Graphic</td>
</tr>
</tbody>
</table>
Specifications

U/O Connector
1 x RS-232/422/485 (isolated 4KV)
2 x 10/100/1000Mbps Ethernet
2 x USB 2.0 (isolated 4KV)
2 x USB 3.0
1 x Audio (Line-out)
1 x Audio (Mic-in)
1 x DisplayPort

Expansion Interface
1 x PCI or 1 x PCIe x4 slot (optional)
2 x PCIe Mini Card slot

Speaker
2 x 2W

Camera
1 x 5M pixels camera

Touchscreen
5-wire resistive type

Function Key
LCD brightness up/down, audio volume up/down, power on/off

Power Supply
External 19VDC or 24VDC with AC/DC medical grade power adapter

Dimensions
576.4 mm (14.81”) (W) x 285.5 mm (11.20”) (D) x 376.4 mm (14.81”) (H)

Packing Dimensions
610 mm (24.02”) (W) x 380 mm (15.00”) (D) x 590 mm (23.23”) (H)

Weight (net/gross)
8.0 kg (17.63 lb)/11.9 kg (26.23 lb)

Environment
Operating temperature: 0°C ~ +40°C (+32°F ~ +104°F)
Storage temperature: 0°C ~ +40°C (+32°F ~ +104°F)
Relative humidity: 20% ~ 90% @ 40°C, non-condensing

Certificate
CE

Ordering Information
IFO2175-873-NP-DRW
17” SXGA fanless touch panel computer with 3rd generation Intel® Core™ processor, 5-wire resistive touch screen, super multi drive and AC-DC 120W power adapter (screw type connector)

IFO2175-873-NP w/o DRW
17” SXGA fanless touch panel computer with 3rd generation Intel® Core™ processor, 5-wire resistive touch screen and AC-DC 120W power adapter (screw type connector)

* Specification and certifications are based on options and may vary.
** Super Multi drive includes DVD-R, DVD-RW and DVD-RAM.

Optional Accessories

E202003330 VM-101 VESA ARM (clamp type)
E202003329 VM-105 VESA ARM (wall mount type)
E229170100 17” stand kit

Optional OS Installation
Windows® XP
Windows® 7
Windows® 8.1
WEBS

Dimensions