IFO2225-873

22" WSXGA TFT Fanless Super Slim Touch Panel Computer with Intel® Core™ i7/i5/i3 & Celeron® Processor

Introduction

The IFO2225-873 is a slim panel computer equipped with a 22-inch 250 nits high brightness WSXGA LCD display that supports an 3rd generation Intel® Core™ i7/i5/i3 & Celeron® processor up to 35W with Intel® QM77 chipset. The Intel® HD Graphics 4000/2500 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 2.0 and 3 RS-232 ports. The built-in 5 mega pixels camera and microphone/speakers can provide a solution for VoIP and remote monitoring. The robust unit is designed to be work under minimal noise levels, low power consumption, high reliability and while maintaining efficient performance. Its unique design improves system stability while saving time and money on maintenance costs and re-installation time.

Features

- 22" (250 nits) WSXGA TFT LCD
- Socket rPGA988B 3rd generation Intel® Core™ i7/i5/i3 (Ivy Bridge) & Celeron® processor
- Intel® QM77 chipset
- USB 3.0 supported
- IP65 front bezel and IPX1 full enclosure water/dust proof design
- 1 PCI or PCIe x4 expansion slot and 2 PCIe Mini Card slots
- Optional Bluetooth/Wi-Fi (802.11 a/b/g/n)
- Built-in 5 mega pixels camera
- Supports optional Wall mount, VESA arm and desktop stand

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Water/dust-proof design for entire system: IPX1

The IPX1-rated water/dust-proof housing protects the entire 22" panel 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>Feature</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Display Type</td>
<td>22&quot; WSXGA TFT</td>
</tr>
<tr>
<td>Brightness (cd/m²)</td>
<td>250 nits</td>
</tr>
<tr>
<td>Resolution</td>
<td>1680 x 1050</td>
</tr>
<tr>
<td>Viewing Angle (H/V)</td>
<td>178°/178°</td>
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<tr>
<td>Main System</td>
<td></td>
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<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 50-DIMM max. up to 16GB</td>
</tr>
<tr>
<td>BIOS</td>
<td>AMI UEFI BIOS with QM 3.0 built</td>
</tr>
<tr>
<td>Storage</td>
<td>1 x 2.5&quot; SATA HDD, 1 x mSATA SSD (optional)</td>
</tr>
<tr>
<td>Optical Drive</td>
<td>1 x Super Multi drive (optional)</td>
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<tr>
<td>Watchdog Timer</td>
<td>255 levels, 0-255 sec.</td>
</tr>
<tr>
<td>Onboard Graphics</td>
<td>Intel® HD Graphic</td>
</tr>
</tbody>
</table>

Updated September 23, 2016. * All specifications and photos are subject to change without notice.
Specifications

I/O Connector
- 2 x RS-232 (COM 2/3)
- 1 x RS-232/422/485
- 2 x 10/100/1000 Mbps Ethernet
- 4 x USB 2.0
- 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
- 2 x PCI Express Mini Card slot (optional)

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 power adapter

Dimensions
- 573.5 mm (22.57") (W) x 75.9 mm (2.98") (D) x 398.9 mm (15.7") (H)

Packing Dimensions
- 730 mm (28.74") (W) x 240 mm (9.45") (D) x 650 mm (25.59") (H)

Weight (net/gross)
- 10.58 kg (23.32 lb)/15.16 kg (33.42 lb)

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

Certificate
- CE

Ordering Information

IFO2225-873-NP-DRW 22” WSXGA 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)

IFO2225-873-NP w/o DRW 22” WSXGA 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)
E222175103 22” stand kit

Optional OS Installation

Windows® XP
Windows® 7
Windows® 8.1
WEBS

Dimensions