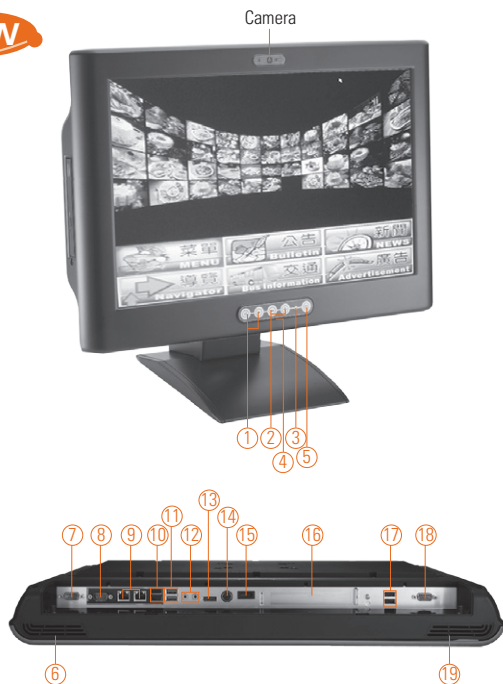


# IF02225-873

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

**NEW**



- |                              |                             |                     |
|------------------------------|-----------------------------|---------------------|
| 1. Brightness adjust buttons | 7. COM 2 (RS-232)           | 13. DisplayPort     |
| 2. Volume adjust buttons     | 8. COM 1 (RS-232/422/485)   | 14. Power connector |
| 3. Power LED                 | 9. Giga LAN x 2             | 15. Power switch    |
| 4. MIC                       | 10. USB 2.0 x 2             | 16. PCI or PCIe x 4 |
| 5. Power switch              | 11. USB 3.0 x 2             | 17. USB 2.0 x 2     |
| 6. Speaker (R)               | 12. Audio (Line-out/Mic-in) | 18. COM 3 (RS-232)  |
|                              |                             | 19. Speaker (L)     |



## Introduction

The IF02225-873 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 and Celeron® processors 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 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 IF02225-873 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 be 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.

## Features

- 22" (250 nits) WSXGA TFT LCD
- Socket G2 (rPGA988B) 3rd Generation Intel® Core™ i7/ i5/ i3/ Celeron® processors
- Intel® QM77 PCH
- USB 3.0 supported
- Water/dust-proof design (front bezel: IP65, full enclosure: IPX1)
- 1 PCI or PCIe x4 expansion slot and 2 PCIe Mini Card slots
- Optional Bluetooth/WiFi (802.11 b/g/n)
- Built-in 5 mega pixels camera



▲ Rear view

## Specifications

Front Bezel	Plastic ABS	
LCD Panel	Display Type	22" WSXGA TFT
	Brightness (cd/m <sup>2</sup> )	250 nits
	Resolution	1680 x 1050
	Viewing Angle (H/V)	178°/178°
Main System	CPU	Socket rPGA988B 3rd Generation Intel® Core™ i7/ i5/ i3/ Celeron® processors (Ivy Bridge), TDP up to 35W
	Chipset	Intel® QM77 PCH
	System Memory	2 x 204-pin DDR3 SO-DIMM max. up to 16 GB
	BIOS	AMI UEFI BIOS with OA 3.0 built
	Storage	1 x 2.5" SATA HDD 1 x mSATA SSD (optional)
	Optical Drive	1 x Super Multi drive
	Watchdog Timer	255 levels, 0-255 sec.
	Onboard Graphics	N/A

## Specifications

I/O Connector	2 x RS-232 (COM 2/3) 1 x RS-232/422/485 2 x 10/100/1000Mbps 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 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 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)	TBD
Environment	Operating temperature: 0°C ~ +40°C (+32°F ~ +104°F) Storage temperature: -20°C ~ +60°C (-4°F ~ +140°F) Relative humidity: 10% ~ 95%, non-condensing
Certification	CE

## Ordering Information

IF02225-873	22" TFT 3rd Gen Intel® Core™-based fanless panel computer with resistive T/S, PCI or PCIe expansion and Super Multi drive
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\* 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
Windows® Embedded 8

Overview

Industrial Panel Computers & Monitors

Heavy-duty Fanless Touch Panel Computers

Digital Signage Solutions

Healthcare & Medical Solutions

Open Frame Panel Computers

Accessories

## Dimensions

