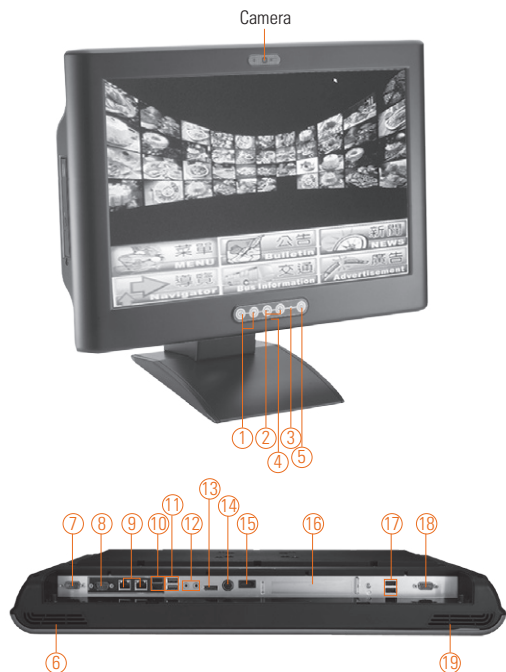


# IFO2225-873

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



- |                          |                             |                     |
|--------------------------|-----------------------------|---------------------|
| 1. Brightness adjust +/- | 7. COM 2 (RS-232)           | 13. DisplayPort     |
| 2. Volume adjust         | 8. COM 1 (RS-232/422/485)   | 14. Power connector |
| 3. Power LED             | 9. Gigabit 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 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 IFO2225-873 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 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.

## 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



▲ 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® processor, TDP up to 35W |
|             | Chipset                         | Intel® QM77                                                                              |
|             | System Memory                   | 2 x 204-pin DDR3 SO-DIMM max. up to 16GB                                                 |
|             | BIOS                            | AMI UEFI BIOS with OA 3.0 built                                                          |
|             | Storage                         | 1 x 2.5" SATA HDD<br>1 x mSATA SSD (optional)                                            |
|             | Optical Drive                   | 1 x Super Multi drive (optional)                                                         |
|             | Watchdog Timer                  | 255 levels, 0-255 sec.                                                                   |
|             | Onboard Graphics                | Intel® HD Graphic                                                                        |

## Specifications

|                     |                                                                                                                                                                            |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| I/O Connector       | 2 x RS-232 (COM 2/3)<br>1 x RS-232/422/485<br>2 x 10/100/1000 Mbps Ethernet<br>4 x USB 2.0<br>2 x USB 3.0<br>1 x Audio (Line-out)<br>1 x Audio (Mic-in)<br>1 x DisplayPort |
| Expansion Interface | 1 x PCI or 1 x PCIe x4 slot<br>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)<br>Relative humidity: 20% ~ 90% @ 40°C; non-condensing                                                                 |
| Certificate         | CE                                                                                                                                                                         |

## Ordering Information

|                        |                                                                                                                                                                                         |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| IF02225-873-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) |
| IF02225-873-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.

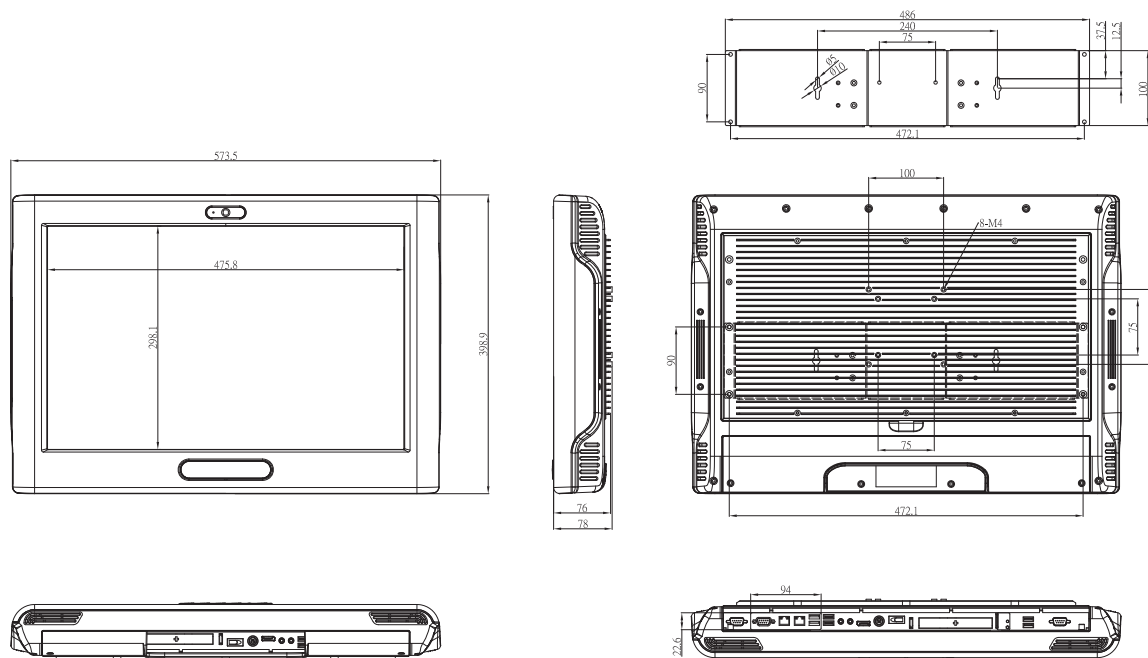
## Optional Accessories

|            |                                   |
|------------|-----------------------------------|
| 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





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- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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