IFO2175-873

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

Camera

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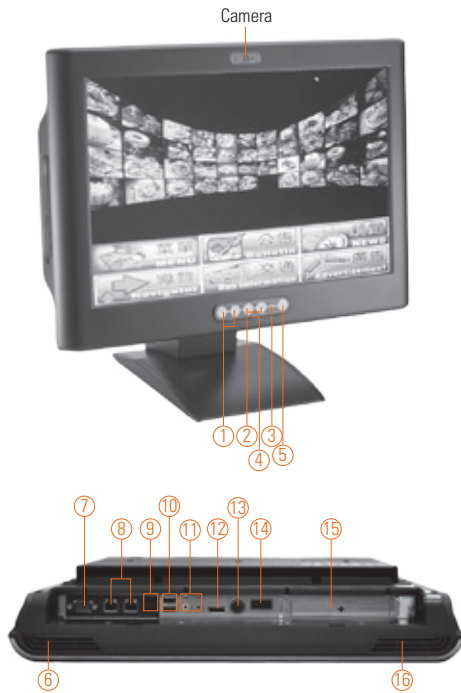
1. Brightness Adjust buttons	7. COM 1 (RS-232/422/485)	13. Power connector
2. Volume adjust buttons	8. Gigabit LAN x 2	14. Power switch
3. Power LED	9. USB 2.0 x 2	15. PCI or PCIe slot
4. MIC	10. USB 3.0 x 2	16. Speaker (L)
5. Power on/off button	11. Audio (Line-out/Mic-in)	
6. Speaker (R)	12. DisplayPort	

| Fanless | Low Power | DualView | IP65 | IPX1 | DDR3 |

Introduction

The IFO2175-873 is a slim panel computer equipped with a 17-inch 350 nits high brightness SXGA 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 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 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 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.

Specifications

Front Bezel	Plastic ABS	
LCD Panel	Display Type	17" SXGA TFT LCD
	Brightness (cd/m^2)	350 nits
	Resolution	1280 x 1024
	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 16 GB
	BIOS	AMI UEFI BIOS with OA 3.0 built
	Storage	1 x 2.5" SATA HDD 1 x mSATA
	Optical Drive	1 x Super Multi drive (optional)
	Watchdog Timer	255 levels, 0~255 sec.
	Onboard Graphics	Intel® HD Graphic

* All specifications and photos are subject to change without notice.

Specifications

I/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 24VDC with AC/DC medical grade power adapter
Dimensions	438 mm (17.24") (W) x 76.5 mm (3.01") (D) x 376.4 mm (14.81") (H)
Packing Dimensions	610 mm (24.02") (W) x 260 mm (10.24") (D) x 590 mm (23.23") (H)
Weight (net/gross)	10.35 kg (22.81 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	17" TFT 3rd Gen Intel® Core™ i7/i5/i3 & Celeron® processor fanless panel computer with resistive T/S, PCIe or PCI expansion or Super Multi drive

* 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)
E228170100	17" stand kit

Optional OS Installation

Windows® XP
Windows® 7
Windows® 8.1
WE8S

Dimensions

438

376.4

76.5

100
75

100
75

OPEN I/O COVER VIEW

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