

IFO2175-830-FL

17" TFT Fanless Touch Panel Computer with
Intel® Atom™ Processor N270



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|------------------------------|---------------------------|----------------------|
| 1. Brightness adjust buttons | 6. COM 1 (RS-232/422/485) | 11. Audio (Line-out) |
| 2. Volume adjust buttons | 7. COM 2 (RS-232) | 12. USB 2.0 x2 |
| 3. Power LED | 8. VGA | 13. COM 3 (RS-232) |
| 4. Power switch | 9. Ethernet | 14. COM 4 (RS-232) |
| 5. Power connector | 10. USB 2.0 x 2 | |



IPX1

IP65

Fanless

Low Power

DualView

Introduction

The IFO2175-830-FL is a slim panel computer equipped with a 17-inch 380 nits SXGA LCD display and supports superior Intel® Atom™ processor N270. Powered by Intel® 945GSE+ICH7M core logic chipset with maximum 256 MB sharing graphics memory, this panel computer has better graphics performance. The panel computer also supports DualView and multiple I/O options including 4 USB 2.0, and 4 RS-232 ports. The built-in 1.3 mega pixels camera and speakers can provide a solution for VoIP and remote monitoring. The IFO2175-830-FL also supports an antenna for 802.11b/g wireless connectivity. The Gigabit Ethernet port can provide superior high speed of Ethernet. It features low noise, low power consumption, high reliability and high performance. Its excellent industrial design (ID) and user friendly interface design make the IFO2175-830 safe, reliable & user-friendly panel computer. Best suited for infotainment, media content display and DSA solutions.

Water/dust-proof design for entire system: IPX1

The IPX1-rated water/dust-proof housing protects the entire system from outside damage of water drip in public maintenance and re-installation place. This unique design improves system stability and save maintenance and re-installation time.

Features

- 17" high brightness (380 nits) SXGA TFT LCD
- Intel® Atom™ processor N270 1.6 GHz
- Water/dust-proof design (front bezel: IP65, full enclosure: IPX1)
- Fanless and noiseless operation
- Optional 1.3 mega pixels camera
- Optional Bluetooth/internal WiFi (802.11 b/g)



▲ Rear view

I/O cover

Specifications

Front Bezel	Plastic ABS (Black)
LCD Panel	Display Type 17" SXGA TFT
	Brightness (cd/m ²) 380 nits
	Resolution 1280 x 1024
	Viewing Angle (H/V) 160°/160°
Main System	CPU Intel® Atom™ processor N270 1.6 GHz
	Chipset Integrated in Intel® 945GSE + ICH7M
	System Memory 1 x DDR2 SO-DIMM max. up to 2 GB
	BIOS AMI BIOS with SmartView and customer CMOS backup
	Storage 1 x 2.5" SATA HDD (optional) 1 x CompactFlash™
	Optical Drive 1 x Super Multi drive (optional)
	Watchdog Timer 255 levels, 1~255 sec.
	Onboard Integrated in Intel® 945GSE; max.
	Graphics memory shared 256 MB

Specifications

I/O Connector	3 x RS-232 (COM 2/3/4) 1 x RS-232/422/485 (COM 1) 4 x USB 2.0 1 x Audio (Line-out) 1 x VGA 1 x 10/100/1000Mbps Ethernet
Expansion Interface	1 x Mini card slot
Camera	1 x 1.3 mega pixels camera
Touchscreen	Resistive type
Power Supply	12VDC with AC-DC power adaptor
Dimensions	437.98 mm (17.24") (W) x 68.5 mm (2.7") (D) x 376.41 mm (14.82") (H)
Packing Dimensions	610 mm (24.02") (W) x 260 mm (10.24") (D) x 590 mm (23.23") (H)
Weight (net/gross)	7.65 kg (16.85 lb)/9 kg (19.84 lb)
Environment	Operating temperature: 0° ~ +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

IF02175-830-FL-AC -DVRW	17" SXGA TFT high brightness fanless panel computer with Intel® Atom™ N270, resistive T/S, slim Super Multi drive and camera
IF02175-830-FL-AC	17" SXGA TFT high brightness fanless panel computer with Intel® Atom™ N270, resistive T/S (w/o Super Multi drive and camera)

* 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	17" stand kit

Optional EOS Installation

Windows® XP Embedded

Optional OS Installation

Windows® XP

Windows® 7

Overview

Industrial Panel
Computers &
Monitors

Heavy-duty Fanless
Touch Panel
Computers

Digital
Signage
Solutions

Healthcare
& Medical
Solutions

Open Frame
Panel
Computers

Accessories

Dimensions

