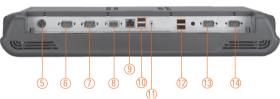
# IFO2175-830-FL

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





- 1. Brightness adjust buttons
- 2. Volume adjust buttons
- 3. Power LED

Supports

- 4. Power switch
- 5. Power connector
- 6. COM 1 (RS-232/422/485) 7. COM 2 (RS-232)
- 8. VGA 9 Ethernet
- 10. USB 2.0 x 2









11. Audio (Line-out)

13. COM 3 (RS-232)

14. COM 4 (RS-232)

12. USB 2.0 x2

# **Features**

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



#### 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 & userfriendly panel computer. Best suited for infotainment, media content display and DSA

Fanless

#### 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.

#### **Specifications**

Front Bezel	Plastic ABS (Black)	
LCD Panel	Display Type	17" SXGA TFT
	Brightness (cd/m²)	380 nits
	Resolution	1280 x 1024
	Viewing Angle (H/V)	160°/160°
Main System	CPU	Intel <sup>®</sup> 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

<sup>\*</sup> All specifications and photos are subject to change without notice.

# **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 -DVDRW	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)	
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<sup>\*</sup> Specification and certifications are based on options and may vary.

# **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

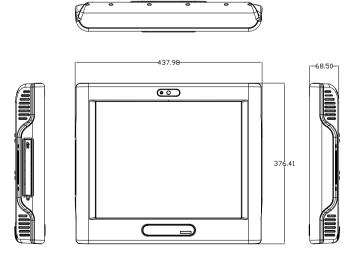
> Digital Signage Solutions

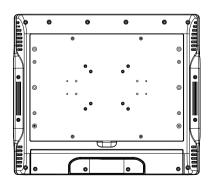
Healthcare & Medical Solutions

Open Frame Panel Computers

Accessories

#### **Dimensions**







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<sup>\*</sup> Super Multi drive includes DVD-R, DVD-RW and DVD-RAM.