IFO2225-830-FL
22" TFT Fanless Touch Panel Computer with Intel® Atom™ Processor N270

Features

- 22" (300 nits) WSXGA+ 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 wireless (802.11 b/g) antenna

Introduction

The IFO2225-830-FL is a slim panel computer equipped with a 22-inch 300 nits WSXGA+ LCD display that supports an superior Intel® Atom™ processor N270. Powered by an Intel® 945GSE+ICH7M core logic chipset with maximum 256MB sharing graphics memory, this panel computer has enhanced graphics performance. The panel also supports DualView and multiple I/O options including 4 USB 2.0 and 4 RS-232 ports. The IFO2225-830-FL supports an antenna for 802.11b/g wireless connection. The Gigabit Ethernet ports provide an extremely high speed of Ethernet connectivity. It features low noise, low power consumption, high reliability and high performance. Its excellent industrial design (ID) and user friendly interface design makes the IFO2225-830-FL a 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 a public place. Its unique design improves system stability and saves maintenance/re-installation time.

Specifications

<table>
<thead>
<tr>
<th>Front Bezel</th>
<th>Plastic ABS (Black)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LCD Panel</td>
<td>Display Type</td>
</tr>
<tr>
<td></td>
<td>Brightness (cd/m²)</td>
</tr>
<tr>
<td></td>
<td>Resolution</td>
</tr>
<tr>
<td></td>
<td>Viewing Angle (H/V)</td>
</tr>
<tr>
<td>Main System</td>
<td>CPU</td>
</tr>
<tr>
<td></td>
<td>Chipset</td>
</tr>
<tr>
<td></td>
<td>System Memory</td>
</tr>
</tbody>
</table>

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<thead>
<tr>
<th>BIOS</th>
<th>AMI BIOS with SmartView and Customer CMOS Backup</th>
</tr>
</thead>
<tbody>
<tr>
<td>Storage</td>
<td>Supports 1 x 2.5&quot; SATA HDD</td>
</tr>
<tr>
<td></td>
<td>1 x CompactFlash™</td>
</tr>
<tr>
<td>Optical Drive</td>
<td>1 x combo drive (optional)</td>
</tr>
<tr>
<td>Watchdog</td>
<td>Timer</td>
</tr>
<tr>
<td></td>
<td>255 levels, 1~255 sec.</td>
</tr>
<tr>
<td>Onboard Graphics</td>
<td>Integrated in Intel® 945GSE; max. memory shared 256 MB</td>
</tr>
</tbody>
</table>

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

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

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**Introduction**

The IFO2225-830-FL is a self-contained fanless touch panel computer with Intel® Atom™ processor N270. It features Intel® Atom™ processor N270 1.6 GHz, onboard Intel® GMA 950 graphic chipset, and operates in a low power mode. The computer is equipped with a 22” TFT LCD display, which is perfect for indoor environments. It supports wireless connection through its integrated Wi-Fi module.

**Features**

- **Fanless and noiseless operation**
- **Intel® Atom™ processor N270 1.6 GHz**
- **Onboard Intel® GMA 950 graphic chipset**
- **Wireless connection**
- **1 x DDR2 (2 x 2GB) memory**
- **1 x Compact Flash slot**
- **2 x USB 2.0 ports**
- **1 x Audio (Line-out)**
- **1 x VGA**
- **1 x 10/100/1000Mbps Ethernet**

**Dimensions**

- **Height**: 15.71” (400 mm)
- **Width**: 18.12” (459.9 mm)
- **Depth**: 2.58” (65.7 mm)

**Weight (net/gross)**

- **Net**: 8.22 kg (18.12 lbs)
- **Gross**: 18.87 kg (41.6 lbs)

**Environment**

- **Operating temperature**: 0°C ~ 40°C (32°F ~ 104°F)
- **Relative humidity**: 10% ~ 95%, non-condensing
- **Shock**: 10G peak acceleration (11 sec. duration)

**Certification**

- **CE**

**Optional Accessories**

- **E202003330**: VM-101 VESA ARM (clamp type)
- **E202003329**: VM-105 VESA ARM (wall mount type)
- **E222175103**: 22” stand kit

**Optional EOS Installation**

- **Windows® XP Embedded**

**Optional OS Installation**

- **Windows® XP**
- **Windows® 7**

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**Ordering Information**

- **IFO2225-830-FL-AC**: 22” TFT high brightness fanless panel computer with Intel® Atom™ N270, resistive T/S, combo and camera

- **IFO2225-830-FL-AC**: 22” TFT high brightness fanless panel computer with Intel® Atom™ N270, resistive T/S (w/o combo and camera)

* Specification and certifications are based on options and may vary.

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**Dimensions**

![Dimensions Diagram]

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