IFO2175-830-FL
17” TFT Fanless Touch Panel Computer with Intel® Atom™ Processor N270

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 wireless (802.11 b/g) antenna

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 ISA 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.

Specifications

<table>
<thead>
<tr>
<th>Front Bezel</th>
<th>Plastic ABS (Black)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Display Type</td>
<td>17” SXGA TFT</td>
</tr>
<tr>
<td>Brightness (cd/m²)</td>
<td>380 nits</td>
</tr>
<tr>
<td>Resolution</td>
<td>1280 x 1024</td>
</tr>
<tr>
<td>Viewing Angle (H/V)</td>
<td>160°/160°</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Main System</th>
<th></th>
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<tbody>
<tr>
<td>CPU</td>
<td>Intel® Atom™ processor N270 1.6 GHz</td>
</tr>
<tr>
<td>Chipset</td>
<td>Integrated in Intel® 945GSE + ICH7M</td>
</tr>
<tr>
<td>System Memory</td>
<td>1 x DDR2 SO-DIMM max. up to 2 GB</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>1 x 2.5” SATA HDD (optional)</td>
</tr>
<tr>
<td>Optical Drive</td>
<td>1 x CompactFlash™</td>
</tr>
<tr>
<td>Watchdog</td>
<td>255 levels, 1–255 sec.</td>
</tr>
<tr>
<td>Timer</td>
<td></td>
</tr>
<tr>
<td>Onboard Graphics</td>
<td>Integrated in Intel® 945GSE; max. memory shared 256 MB</td>
</tr>
</tbody>
</table>
### 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
- 12Vac 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)

#### Weight (net/gross)
- 7.65 kg (16.85 lb)/9 kg (19.84 lb)

#### 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

### Ordering Information

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>IFO2175-830-FL with combo</td>
<td>17&quot; TFT high brightness fanless panel computer with Intel® Atom™ N270, resistive T/S, slim combo and camera</td>
</tr>
<tr>
<td>IFO2175-830-FL w/o combo</td>
<td>17&quot; TFT high brightness fanless panel computer with Intel® Atom™ N270, resistive T/S (w/o combo and camera)</td>
</tr>
</tbody>
</table>

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

### Dimensions

- [Image of dimensions]

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### 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**

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

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