IFO2225-851-FL
22” TFT Fanless Super Slim Touch Panel Computer with Intel® Core™2 Duo Processor up to 2.53 GHz

Introduction

The IFO2225-851-FL is a slim panel computer equipped with a 22-inch 300 nits high brightness WSXGA+ LCD display that supports an Intel® Core™2 Duo/Celeron® M processor. Powered by Intel® GM45-ICH9M core logic chipset with maximum 256 MB sharing graphics memory, this panel computer has enhanced graphics performance. The panel also supports DualView and multiple I/O options including 2 USB 2.0 and 3 RS-232 ports. The built-in 1.3 mega pixels camera and microphone/speakers can provide a solution for VoIP and remote monitoring. The IFO2225-851-FL also supports an antenna for wireless (2.4/11 dBi) 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

<table>
<thead>
<tr>
<th>Front Bezel</th>
<th>Plastic ABS (Black)</th>
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</thead>
<tbody>
<tr>
<td>LCD Panel</td>
<td>Display Type</td>
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<tr>
<td></td>
<td>22” WSXGA+ TFT</td>
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<tr>
<td></td>
<td>Brightness (cd/m²)</td>
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<tr>
<td></td>
<td>300 nits</td>
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<td></td>
<td>Resolution</td>
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<td>1680 x 1050</td>
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<tr>
<td>Main System</td>
<td>CPU</td>
</tr>
<tr>
<td></td>
<td>Socket P Intel® Core™2 Duo or Intel® Celeron® M processor</td>
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<tr>
<td></td>
<td>Chipset</td>
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<tr>
<td></td>
<td>Intel® GM45 + ICH9M</td>
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<td></td>
<td>System Memory</td>
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<td></td>
<td>Supports 2 x DDR3 SO-DIMM memory up to 8 GB</td>
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</tbody>
</table>

Features

- 22” high brightness (300 nits) WSXGA+ TFT LCD
- Fanless socket P Intel® Core™2 Duo or Intel® Celeron® M processor
- Water/dust-proof design (front bezel: IP65, full enclosure: IPX1)
- 1 PCI or PCIe x4 expansion slot (optional)
- Optional bluetooth/internal WiFi (802.11 b/g)
- Optional 1.3 mega pixels camera

Physical Dimensions

Width x Height x Depth: 22.2 x 19.5 x 2.31 inches
Weight: 6.13 pounds

Environmental Operating temperature: 0°C ~ +40°C
Humidity: 8% ~ 95% (non-condensing)

Certifications

- FCC, CE, IC, BIS, TUV, ROHS
- UL Listed
- One Year warranty

BIOS
AMI BIOS with SmartView and customer CMOS backup

Storage
Supports 1 x 2.5” SATA HDD
1 x CompactFlash™

Optional Drive
1 x combo drive (for IFO-2225-851-FL-AC-C0)

Watchdog Timer
255 levels, 0-255 sec.

Onboard Graphics
Intel® GM45; max. memory shared 256 MB

www.axiomtek.com
Specifications

Introduction

The computer features an Intel® Core™2 Duo Processor up to 2.53 GHz. The system memory supports 2 x DDR3 SO-DIMM memory.

Features

- An Intel® Core™2 Duo Processor up to 2.53 GHz
- System memory supports 2 x DDR3 SO-DIMM memory
- Viewing angle: C "W" P
- Hot plug (optional)
- Panel computer with resistive T/S, slim combo and camera
- 22" TFT fanless touch panel computer with resistive T/S, PCI expansion, slim combo and camera
- 22" TFT fanless touch panel computer with resistive T/S (w/o combo and camera)

Dimensions

Optional Accessories

| E202003330 | VM-101 VESA ARM (clamp type) |
| E202003329 | VM-105 VESA ARM (wall mount type) |
| E222175103 | 22" stand kit |

Optional OS Installation

- Windows® XP
- Windows® 7
- Linux kernel 2.6

Ordering Information

- I/O Connectors: 2 x RS-232 (COM 2/3), 1 x RS-232/422/485 (COM 1), 4 x USB 2.0, 1 x Audio (Mic-In/Line-out), 2 x 10/100/1000Mbps Ethernet, 1 x VGA
- Expansion Interface: 1 x PCI or PCIe x4 slot (optional)
- Camera: 1 x 1.3 mega pixels camera
- Touchscreen: Resistive type, Light transmission: 80%, Touch life: 35 million touches
- Power Supply: 24VAC with AC-DC adaptor
- Dimensions: 573.5 mm (22.57") (W) x 75.9 mm (2.98") (D)
- Weight (net/gross): 10.58 kg (23.32 lb)/15.16 kg (33.42 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

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