

# OF17ID7T-M1-5RT

**17", 1280 x 1024 SXGA, Intel® Atom™ Dual Core D2550 Touch Screen Panel Computer with Open Frame Chassis Mount**



## Introduction

AIS 17" industrial open frame touch panel PCs are reliable, durable, and provide OEMs with vast selection of technologies and solutions for HMI applications. These PCs feature Intel® Atom™ Dual Core Processor D2550 1.86 GHz, industrial-grade LCD flat panels with resistive touch screen technology and NEMA 4 IP65 front bezel for HMI display and visualization solutions. These deliver cost-effective touch solutions for OEMs, systems integrators, and complement the expanded family of AIS touch solutions for POS transactions, self-service kiosk systems and industrial machinery builder applications.

## Specifications

| Display                     |  |
|-----------------------------|--|
| Display                     | 17.0" diagonal, Active matrix TFT LCD            |
| Aspect Ratio                | 5:4  |
| Active/Area                 | 337.92 (H) x 270.34 (V) mm                       |
| Native (Optimal) Resolution | 1280 x 1024 SXGA                                 |
| Colors                      | 16.2M (8bits/color)                              |
| Brightness (Typical)        | LCD Panel: 350 nits<br>Resistive Touch: 280 nits |
| Contrast Ratio              | 1000:1   |
| Viewing Angle               | Horizontal: 170° Total<br>Vertical: 160° Total   |
| Touch Technology            | Analog Resistive 5-wire                          |
| System Hardware             |  |
| Processor                   | Intel® Atom™ Processor D2550 1.86 GHz            |
| System Chipset              | Intel® NM10 Express Chipset                      |
| System Memory               | 2GB DDR3 800/1066 MHz, up to 4GB                 |

## Features and Benefits

- Long lasting product cycle for continuity thru all phases of project rollouts and servicing
- Steel construction for harsh and industrial environments
- Drift-free operation of 35 million finger touches and accuracy in high-use applications
- Easy to install Open Frame chassis mount display
- Multiple mounting options: 75/100 mm VESA mount and side brackets
- Technical support for drivers, hardware, troubleshooting procedures and general system issues
- Customer service and sales support for product selection, order management, and warranty status

| Storage                   | 160GB Hard Disk Drive   |
|---------------------------|---|
| I/O Interfaces            |   |
| Serial Ports              | 1 x RS232/422/485 and 2 x RS232   |
| USB Ports                 | 4 x USB 2.0 Type-A  |
| Ethernet Ports            | 2 x RJ 45-10/100/1000 Mbps  |
| VGA Port                  | 1 x VGA   |
| General                   |   |
| Power Input               | 12V DC Terminal Block (Phoenix Type)  |
| Operation System Support  | Windows Embedded Standard 7<br>Windows XP Embedded  |
| Mounting Options          | 75 x 75 mm VESA Mount<br>Rear mount through bezel or with included standard mounting brackets |
| Dimensions (W x H x D)    | 410 x 330 x 83 mm   |
| Environmental Conditions  |   |
| Temperature               | Operating: 0°C to 45°C (32°F to 113°F)<br>Storage: -20°C to 60°C (-4°F to 140°F)              |
| Humidity (Non-condensing) | 30 to 90% RH @ 40° C  |
| Vibration Protection      | 5 to 500 Hz, 1 Grms random vibration  |
| Approvals                 |   |
| Approvals                 | CE, FCC (DOC)   |

## Order Information

**OF17ID7T-M1-5RT:** 17" Intel® Atom™ Dual Core D2550 Touch Screen Panel Computer with Open Frame Chassis Mount, 1280 x 1024 SXGA, 1000:1 contrast ratio

