

# IPW22ID7T-A3-5RT

**21.5", 1920 x 1080 HD 1080, Intel® Atom™ Dual Core D2550 Touch Thin Client Computer with Widescreen Display**



## Introduction

AIS 21.5" wide touch panel PCs are reliable, durable, and provide OEMs with vast selection of technologies and solutions that simplify PLC, HMI and SCADA applications. These PCs feature Intel® Atom™ Dual Core Processor D2550 1.86 GHz, industrial-grade widescreen LCD flat panel with resistive touch screen technology and NEMA 4 IP65 front bezel for HMI display and visualization solutions. These HMI thin clients are designed for process and discrete manufacturing, industrial automation, process control, building automation, access control, room reservation, room scheduling, and custom HMI applications.

## Specifications

Display	
Display	21.5" diagonal, Active matrix TFT LCD
Aspect Ratio	16:9 (Widescreen)
Active/Area	476.64 (H) x 268.11 (V) mm
Native (Optimal) Resolution	1920 x 1080 HD 1080
Colors	16.7M colors
Brightness (Typical)	LCD Panel: 250 nits Resistive Touch: 200 nits
Contrast Ratio	1000:1
Viewing Angle	Horizontal: 170° Total 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

- A Portfolio of widescreen Window-based PCs for operator monitoring and control
- Flexible, reliable, and ruggedized for open platform HMI/SCADA
- All steel construction for harsh and industrial environments
- Robust design with aluminum NEMA 12, NEMA 4, IP52, IP54, IP65 ratings
- 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
Environmental Conditions	
Temperature	Operating: 0°C to 45°C (32°F to 113°F) 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
General	
Power Input	12V DC Terminal Block (Phoenix Type)
Operation System Support	Windows Embedded Standard 7 Windows XP Embedded
Mounting Options	75 x 75 mm or 100 x 100 mm VESA Mount
Dimensions (W x H x D)	534 x 349 x 98 mm
Approvals	
Approvals	CE, FCC (DOC)

## Order Information

**IPW22ID7T-A3-5RT:** 21.5" Intel® Atom™ Dual Core D2550 Touch Thin Client Computer with Widescreen Display, 1920 x 1080 HD 1080, 1000:1 contrast ratio

Unit: mm

