

# IPW10ID3S-H1-PCT

**10.1", 1024 x 600 WSVGA, Multi-Touch Panel PC with Intel® Atom™ Dual Core N2600 Processor**



## Introduction

The AIS 10.1" multi-touch Panel PCs are fully-integrated, off-the-shelf units that combine Intel® Atom™ Dual Core Processor N2600 1.60 GHz and PCT or PCAP Technology in industrial-grade LCD flat panels, with sleek and flat front surface industrial design. This PCT technology is a capacitive system that delivers a sensitive and accurate two-touch interactive experience. Applications are in: information kiosks, self-service kiosk systems, medical healthcare, building automation, access control, room reservation, room scheduling, as well as various interactive digital signage projects.

## Specifications

Display	
Display	10.1" diagonal, Active matrix TFT LCD
Aspect Ratio	16:10 (Widescreen)
Active/Area	220.416 (H) x 129.15 (V) mm
Native (Optimal) Resolution	1024 x 600 WSVGA
Colors	262K
Brightness (Typical)	LCD Panel: 200 nits PCT Touch: 180 nits
Contrast Ratio	500:1
Viewing Angle	Horizontal: 140° Total Vertical: 110° Total
Touch Technology	Projected Capacitive
System Hardware	
Processor	Intel® Atom™ Dual Core Processor N2600 1.60 GHz
System Chipset	Intel® NM10 Express Chipset
System Memory	2GB DDR3 800/1066 MHz, up to 4GB

## Features and Benefits

- Easy-to-clean, true flat front surface without bezel
- Flexible, reliable, and ruggedized touch screen computers for open platform HMI/SCADA
- Two independent touch points (with Windows 7 operating system)
- Eliminates dust and debris build-up at the edge and corners of the display
- Provides improved power efficiency and reduced consumption
- Responds to a light touch to activate response
- Ruggedized levels of NEMA 12, NEMA 4, IP52, IP54, IP65 ratings

Storage	32GB SATA SSD
I/O Interfaces	
Serial Ports	1 x RS232/422/485 and 1 x RS232
USB Ports	2 x USB 2.0
Ethernet Ports	2 x RJ 45-10/100/1000 Mbps
VGA Port	1 x VGA
Environmental Conditions	
Temperature	Operating: 0°C to 50°C (32°F to 122°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	12 to 24V DC Terminal Block (Phoenix Type)
Operation System Support	Windows Embedded Standard 7 (WS7E or WS7P)
MTBF	50,000 Hours Demonstrated
Dimensions (W x H x D)	263.28 x 171 x 35.7 mm
Approvals	
Approvals	CE, FCC (DOC)

## Order Information

**IPW10ID3S-H1-PCT:** 10.1" Multi-Touch Panel PC with Intel® Atom™ Dual Core N2600 Processor, 1024 x 600 WSVGA, 500:1 contrast ratio

Unit: mm

