

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

