

IPW22ID7T-A3-PCT

21.5", 1920 x 1080 HD 1080, PCT Multi-Touch Panel PC with Intel® Atom™ Dual Core D2550 Processor



Features and Benefits

- Integrated high performance CPU, RAM, data storage, USB, RS232, RS422/485 and Ethernet ports
- Flexible, reliable, and ruggedized for open platform HMI/SCADA
- Two independent touch points (with Windows 7 OS)
- Eliminates dust and debris build-up at the edge and corners of the display
- Improved power efficiency and reduced consumption
- Responds to a light touch to activate response
- Easy-to-clean surface without bezels
- Ruggedized levels of NEMA 12, NEMA 4, IP52, IP54, IP65 ratings

Introduction

AIS 21.5" multi-touch Panel PCs are fully-integrated, off-the-shelf units that combine Intel® Atom™ Dual Core Processor D2550 1.86 GHz and PCT or PCAP Technology in industrial-grade LCD flat panels, with sleek and flat front surface industrial design. PCT technology is a capacitive system that delivers sensitive and accurate two-touch interactive experience. These are specifically suited for use in information kiosks, self-service kiosk systems, medical healthcare, building automation, access control, room reservation, room scheduling, and various interactive digital signage 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 (6bits+FRC)
Brightness (Typical)	LCD Panel: 250 nits PCT Touch: 225 nits
Contrast Ratio	1000:1
Viewing Angle	Horizontal: 170° Total Vertical: 160° Total
Touch Technology	Projected Capacitive
System Hardware	
Processor	Intel® Atom™ Dual Core Processor D2550 1.83 GHz
System Chipset	Intel® NM10 Express Chipset
System Memory	2GB DDR3 800/1066 MHz, up to 4GB

Storage	32GB SATA SSD
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 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	12V DC Terminal Block (Phoenix Type)
Operation System Support	Windows Embedded Standard 7 (WS7E or WS7P)
Mounting Options	75 x 75 mm or 100 x 100 mm VESA Mount
Dimensions (W x H x D)	550 x 332 x 91.5 mm
Approvals	
Approvals	CE, FCC (DOC)

Order Information

IPW22ID7T-A3-PCT: 21.5" PCT Multi-Touch Panel PC with Intel® Atom™ Dual Core D2550 Processor, 1920 x 1080 HD 1080, 1000:1 contrast ratio

Unit: mm

