

IP19ID7T-A2-PCT

19", 1280 x 1024 SXGA, PCT Multi-Touch Panel PC with Intel® Atom™ Dual Core D2550 Processor



Introduction

AIS 19" 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	19" diagonal, Active matrix TFT LCD
Aspect Ratio	5:4
Active/Area	376.32 (H) x 301.06 (V) mm
Native (Optimal) Resolution	1280 x 1024 SXGA
Colors	16.7M, 6 bit
Brightness (Typical)	LCD Panel: 350 nits PCT Touch: 315 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

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

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 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 (WS7E or WS7P)
Mounting Options	75 x 75 mm or 100 x 100 mm VESA Mount
Dimensions (W x H x D)	474 x 384 x 88.5 mm
Approvals	
Approvals	CE, FCC (DOC)

Order Information

IP19ID7T-A2-PCT: 19" PCT Multi-Touch Panel PC with Intel® Atom™ Dual Core D2550 Processor, 1280 x 1024 SXGA, 1000:1 contrast ratio

