

IP10ID7T-A1-WT-5RT

10.4" color TFT, 800 x 600 SVGA, Intel® Atom™ Dual Core N2800 Fanless Touch Panel PC with Extended Temperature Range of -20 to 60°C



Introduction

AIS 10.4" wide temperature range touch panel PCs and industrial operator interface terminals are reliable, durable, and provide OEMs with vast selection of technologies and solutions that simplify PLC, HMI and SCADA applications. AIS touch panel computers feature an Intel® Atom™ dual core processor N2800 1.86 GHz and NEMA 4 IP65 front bezel that deploy HMI and visualization applications to harsh industrial environments with an extended temperature range of -20 to 60°C (-4 to 140°F). These HMI thin clients are designed for use in demanding indoor and outdoor applications.

Specifications

Display	
Display	10.4" diagonal, Active matrix TFT LCD
Aspect Ratio	4:3
Active/Area	211.2 (H) x 158.4 (V) mm
Native (Optimal) Resolution	800 x 600 SVGA
Colors	16.2M (8bits/color)
Brightness (Typical)	LCD Panel: 400 nits Resistive Touch: 320 nits
Contrast Ratio	700:1
Viewing Angle	Horizontal: 160° Total Vertical: 140° Total
Touch Technology	Analog Resistive 5-wire
System Hardware	
Processor	Intel® Atom™ Processor N2800 1.86 GHz
System Chipset	Intel® NM10 Express Chipset
System Memory	2GB DDR3 800/1066 MHz, up to 4GB

Features and Benefits

- Wide -20 to 60°C (-4 to 140°F) operating temperature range
- Steel construction and NEMA4/IP65 sealed front panel for demanding indoor and outdoor industrial environments
- Flexible, reliable, and ruggedized for open platform HMI/SCADA
- Supports Panel, Wall, and VESA arm mounting
- 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	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
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 VESA Mount
Dimensions (W x H x D)	284 x 234 x 82 mm
Environmental Conditions	
Temperature	Operating: -20°C to 60°C (-4°F to 140°F) Storage: -20°C to 60°C (-4°F to 140°F)
Humidity (Non-condensing)	30 to 90% RH @ 50° C
Vibration Protection	5 to 500 Hz, 1 Grms random vibration
Approvals	
Approvals	CE, FCC (DOC)

Order Information

IP10ID7T-A1-WT-5RT: 10.4" Intel® Atom™ Dual Core N2800 Fanless Touch Panel PC with Extended Temperature Range of -20 to 60°C, 800 x 600 SVGA, 700:1 contrast ratio

Unit: mm

