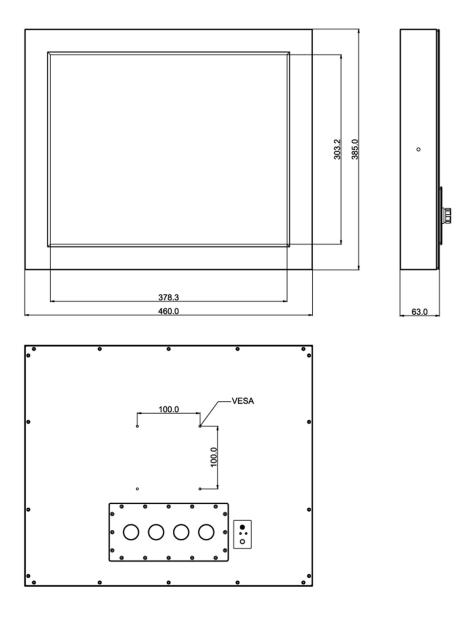# FST19ID3S-M1-5RT

CE FC

Features and Benefits

- Brushed stainless steel enclosure, sealed I/O from particles, water, and corrosive agents
- Full IP65 and sealed with anti-corrosive rubber to providing 360 degree protection
- Windows-based with integrated CPU, RAM, storage, USB, RS232, and LAN ports
- Flexible, reliable, and ruggedized for open platform HMI/SCADA
- Technical support for drivers, hardware, troubleshooting procedures and general system issues
- Customer service and sales support for product selection, order management, and warranty status

Introduction

AIS 19" fully sealed stainless steel panel PCs feature industrial-duty chassis, and NEMA 4/IP65 rating designed for OEMs and process manufacturing. These all require extra protection from extensive corrosive environments where the intrusion of dust, rain, and hose directed water, as well as applications where corrosive materials and caustic cleaners are used. General applications include: sanitary poultry processing facilities, petro-chemical refineries and offshore drilling platforms for oil and natural gas. These are specially designed for hygienic and harsh environments.

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 (6bits+FRC)
Brightness (Typical)	LCD Panel: 400 nits Resistive Touch: 320 nits
Contrast Ratio	1000:1
Viewing Angle	Horizontal: 170° Total Vertical: 160° Total
Touch Technology	Resistive touch screen
System Hardware	
Processor	Intel® Atom™ Processor D2550 1.86 GHz
System Chipset	Intel® NM10 Express Chipset
System Memory	2GB DDR3 800/1066 MHz, up to 4GB

Storage	160GB Hard Disk Drive
I/O Interfaces	
Serial Ports	1 x RS232 (IP65 connector and cable)
USB Ports	2 x USB 2.0 (IP65 connector and cable)
Ethernet Ports	1 x RJ 45-10/100/1000 Mbps (IP65 connector and cable)
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
Humidity (Non-condensing)	5 to 500 Hz, 1 Grms random vibration
General	
Power Input	12V DC
Operation System Support	Windows Embedded Standard 7 Windows XP Embedded
Mounting Options	100 x 100 mm VESA Mount
Dimensions (W x H x D)	460 x 385 x 63 mm
Approvals	
Approvals	CE, FCC (DOC)

Order Information

FST19ID3S-M1-5RT: 19" Intel® Atom™ Dual Core D2550 Fanless Rugged Touch Computer with Fully IP65 Sealed Stainless Steel Chassis and All I/O Connectors, 1024 x 768 XGA, 1000:1 contrast ratio

Unit: mm

303.2
385.0
378.3
460.0
63.0

100.0
VESA
100.0

American Industrial Systems

Last Update : 01/18/2013