

FST19ID3S-M1-5RT

19", 1024 x 768 XGA, Intel® Atom™ Dual Core D2550 Fanless Rugged Touch Computer with Fully IP65 Sealed Stainless Steel Chassis and All I/O Connectors



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 |

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

| 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

