STC-15W04

15.6” Industrial Touchscreen Panel Computer with Intel® Atom™ Processor D2550



Features

- 15.6” projected capacitive full-flat multi-touch screen
- Low power consumption and fanless system
- Class I Division II, ATEX Zone 2 and IECEx certified for hazardous environments
- Rugged IP65 front panel design

Specifications

Display

Display Description	16.7M color TFT flat panel display with LED backlight
Display Size	15.6”, 16:9
Resolution	1366 x 768 pixels
Brightness	300 nits (w/o touch screen attached)
Contrast Ratio	500:1 typical
Touch Screen	15.6” projected capacitive full-flat multi-touch panel (glass - lamination - glass)

System Components

Processor	Intel® Atom™ Processor D2550 with NM10 Express Chipset
Main Memory	2GB DDR3 SO-DIMM (supports up to 4GB)
Storage Drive	Industrial CFast card (8GB)
I/O Port	2x USB 2.0 ports
	2x 10/100/1000 Mbps Ethernet ports (Realtek 8111E)
	1x RS-485 port (isolated)
	1x 3-pin for DC-in with polarization protection (incl. isolated PE connection)

Mechanical

Weight	5.5 kg (12.13 lb)
Dimensions (W x H x D)	407.3 x 262.3 x 67.2 mm
Bezel Material	Aluminum

Environmental

Operating Temperature	0°C to 50°C
Non-operating Temperature	-20°C to 60°C
Relative Humidity	95% Humidity, non-condensing
Certifications & Compliance	CE (IEC 61010-2-201), UL 508 + CSA-C22.2 No. 142 / cUL and UL C1D2 (ANSI/ISA 12.12.01 & CSA C22.2 No. 213)
Ingress Rating	Front: IP65, rear: IP20
Shock	IEC 60068-2-27 (15G, 11ms)
Vibration	EN 60068-2-6 (1G, 10Hz~500Hz)
EMC	CE (EN 61000-6-2, EN 61000-6-4), FCC (Part 15 Subpart B)
RoHS	Compliant

Power

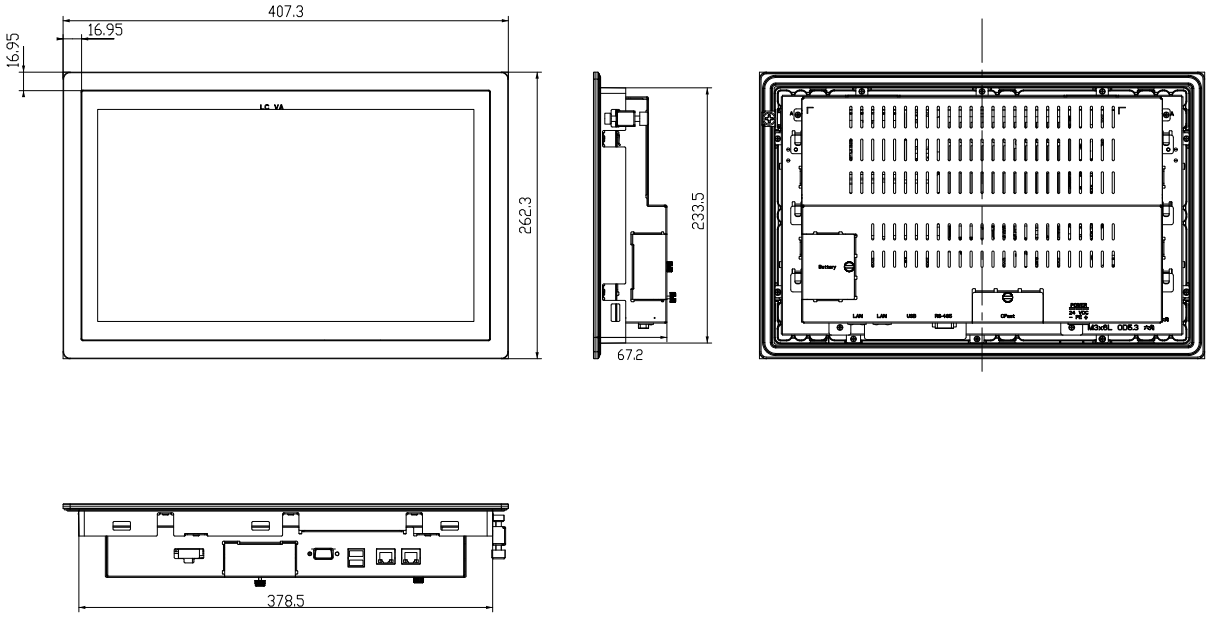
Input Voltage	24VDC +/-15% connector with locking mechanism and protective earth connection
Power Consumption	40W

Certifications

Certifications & Compliance	CB (IEC 61010-2-210), UL/cUL (UL 508 & CSA-C22.2 NO.142), C1D2 (ISA 12.12.01 & CSA C22.2 No.213)
	ATEX (EN 60079-0:2012+A11:2013, EN 60079-15:2010), IECEx (IEC 60079-0 Ed.6, IEC 60079-15 Ed.4)

Mechanical Layout

units: mm



Ordering Information

Modules

Model Number	Description
STC-15W04	Industrial Touchscreen Panel Computer with Intel® Atom™ D2550 Processor