

STC-1005/1205/1505 Smart Touch Computer



Features

- Intel® Atom™ Processor E3845
- 10.4"/12.1"/15" 4:3 TFT-LCD display with 1024 x 768 resolution
- 5-wire resistive touch sensor and optional projected capacitive sensor
- 1x 2.5" SATA slot, SD card slot, USB 3.0, HDMI output
- Built-in Wi-Fi, Bluetooth and webcam functions

Specifications

Display

Display Size	10.4"/12.1"/15", 4:3 aspect ratio
Resolution	1024 x 768
Brightness	10.4": 500 nits (w/o touch screen attached) 12.1": 500 nits (w/o touch screen attached) 15": 400 nits (w/o touch screen attached)
Contrast Ratio	10.4": 1000:1 12.1": 700:1 15": 700:1
View Angle (U/D/R/L)	10.4": 88/88/88/88 12.1": 70/70/80/80 15": 70/70/80/80
Touch Screen Type	5-wire resistive touch type, flat panel design, USB interface Projected capacitive, flat panel design, USB interface (optional)

Motherboard and System Components

Processor	Intel® Atom™ processor E3845
Main Memory	DDR3L soldered onboard, max. 4GB
Storage Drive	1x SATA slim internal slot (STC-1005) 1x 2.5" SATA internal slot (STC-1205/1505) 1x SD card slot (external)
Graphic	Intel® HD Graphics GMA
I/O Ports	1x USB 2.0, Type A 1x USB 3.0, Type A 2x GbE, RJ-45 2x COM ports, RS-232/422/485, DB-9 1x HDMI port 1x SD card slot 1x 3-pin DC power input, terminal block
Expansion Slots	1x Mini-PCIe slot full size 1x ADLINK proprietary slot for extended I/O board
Webcam	2.0M pixel
Wi-Fi and Bluetooth	802.11 b/g/n and BT 4.0 Mini-PCIe module card (half size)
Operating Systems	Windows Embedded 8 Standard pre-loaded Windows Embedded 8 Pro

Physical Characteristics

Construction	Aluminum front bezel and chassis
Weight	STC-1005 (10.4"), 2.5 kg STC-1205 (12.1"), 4.5 kg STC-1505 (15"), 6 kg
Dimensions (HxWxD)	STC-1005 (10.4"), 285 x 238 x 44.5 mm STC-1205 (12.1"), 325 x 273 x 44.6 mm STC-1505 (15"), 390 x 330 x 48.5 mm
Mounting Options	VESA mount, MIS-D 75 mm Panel mount

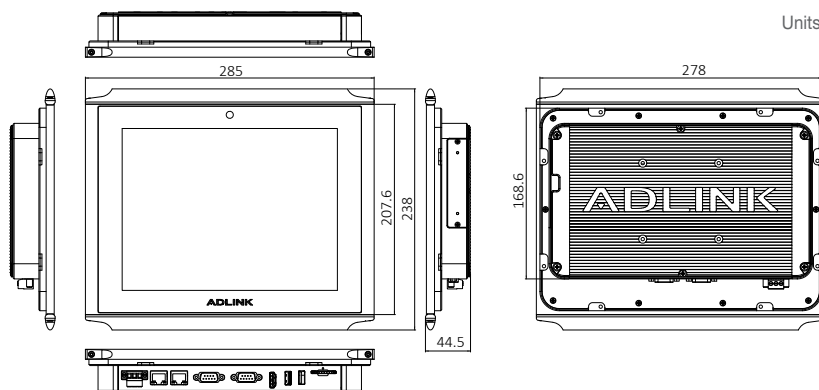
Working Environment

Operating Temperature	-10°C to 60°C
Storage Temperature	-20°C to 60°C
Relative Humidity	10% to 90 % @ 40°C (non-condensing)
Vibration Operating	1G random 5 to 500Hz
Shock Operating	10G acceleration, 11ms
Ingress Rating	IP65 front bezel
Certifications	CE, FCC
Input Voltage	9~32V DC
Power Consumption	STC-1005, 20W STC-1205, 20W STC-1505, 20W

Dimensions

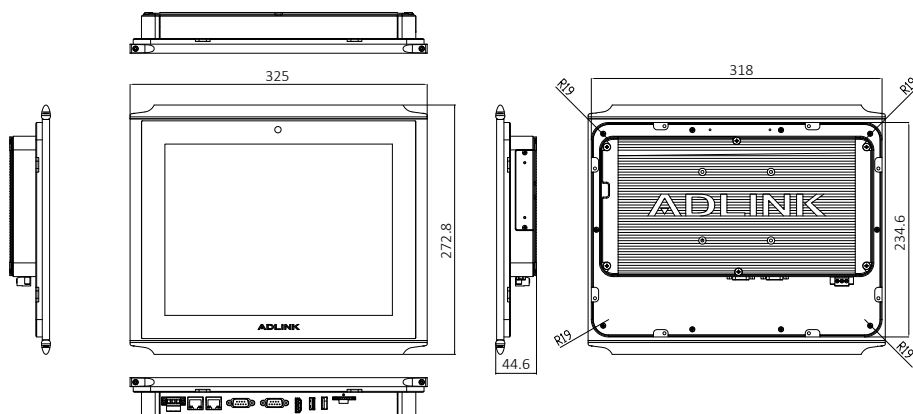
STC-1005

Units: mm



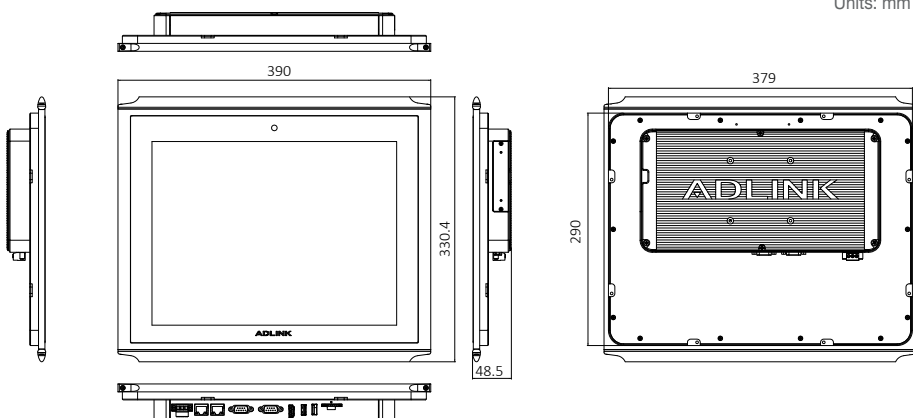
STC-1205

Units: mm



STC-1505

Units: mm



Ordering Information

Model Number	Description
STC-1005-4P	10.4" XGA 1024 x 768 Intel® Atom™, PCT, 9~32V DC
STC-1005-4R	10.4" XGA 1024 x 768 Intel® Atom™, RTW, 9~32V DC
STC-1205-4P	12.1" XGA 1024 x 768 Intel® Atom™, PCT, 9~32V DC
STC-1205-4R	12.1" XGA 1024 x 768 Intel® Atom™, RTW, 9~32V DC
STC-1505-4P	15" XGA 1024 x 768 Intel® Atom™, PCT, 9~32V DC
STC-1505-4R	15" XGA 1024 x 768 Intel® Atom™, RTW, 9~32V DC

Note: All specifications are subject to change without further notice.