

STC-AL Series

Smart Touch Computers



Features

- Quad-core Intel Atom® x7-E3950 Processor
- 10.1"/12.1"/15.6" wide ratio TFT-LCD display with up to 1366 x 768 resolution
- 5-wire resistive touch sensor and optional 5-point projected capacitive sensor
- IP65-rated front bezel to deter water and dust ingress
- Robustness with wide 9-36 DC input and optional -20°C to 60°C support
- Ease of installation with panel and optional VESA mount
- SEMA support and custom I/O and function expansion

Software Support

- Windows® 10, IoT Enterprise



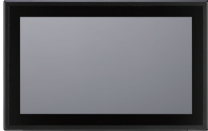
Optional Accessories

- Adapter
12V 60W power adapter
- VESA Mounting Kit
VESA 100 x 100 mounting kit
- Wi-Fi Kit
IEEE 802.11 a/b/g/n/ac
- 4G/LTE Kits
For USA/EU/AP markets

Ordering Information

- STC-10WP-E3950
10.1" Smart Touch Computer, PCAP, 4GB RAM, 64GB M.2 SSD
- STC-12WP-E3950 (Optional)
12.1" Smart Touch Computer, PCAP, 4GB RAM, 64GB M.2 SSD
- STC-15WP-E3950
15.6" Smart Touch Computer, PCAP, 4GB RAM, 64GB M.2 SSD

Specifications

Model	STC-10W-AL	STC-12W-AL(Optional)	STC-15W-AL
			
System			
Processor	Intel Atom® x7-E3950 Processor		
Main Memory	4GB DDR3L default (up to 8GB)		
Storage	1 x M.2 slot (M Key)	1 x 2.5" SATA bay 1 x M.2 slot (M Key)	
Display			
Size	10.1"	12.1"	15.6"
Resolution	1280 x 800	1280 x 800	1366 x 768
Luminance (Nits)	400 nits (w/o touch)		
Backlight MTBF (Hrs)	50000		
Contrast Ratio	1300:1	1000:1	500:1
Viewing Angle (U/D/R/L)	85/85/85/85	89/89/89/89	85/85/80/80
Touch Screen	Projective capacitive sensor 5-wire resistive touch sensor (Optional)		
Motherboard and System Components			
I/O Port	1 x USB 2.0, Type A 1 x USB 3.0 2 x GbE LAN, RJ45 2 x COM ports, RS232/422/485 1 x DP port 1 x DC Power input 1 x Audio port (line out)		
Expansion	1 x PCIe mini card with PCIe and USB interface		
Wi-Fi and Bluetooth	802.11 a/b/g/n/ac and BT 4.0 (optional with PCIe mini card)		
Operating System	Windows® 10 IoT Enterprise		
Physical Characteristics			
Construction	Aluminum front bezel and metal chassis		
Weight	2.9kg	4.2kg	5.9kg
Dimensions (HxWxD) (mm)	283 x 202 x 53	328 x 230 x 55	415 x 264 x 55
Mounting Options	Panel Mount (Standard) VESA Mount, MIS-D 100mm (Optional)		
Working Environment			
Operating Temperature	-20°C to 50°C	-20°C to 50°C -20°C to 60°C (optional)	0°C to 50°C
Storage Temperature	-20°C to 60°C	-20°C to 60°C	-20°C to 60°C
Operating Humidity	10% to 90% @ 40°C (non-condensing)		
Vibration	1G random 5 to 500Hz		
Shock	10G acceleration part to part, 11ms		
IP Grade	IP65 on the front		
Certifications & Compliance	CE, FCC, Class A, CB, UL		
Power			
Input Voltage	9-36V DC Power input		
Power Consumption	29W	32W	34W

