

STC2-EHL Series

Preliminary

All-in-One Panel PC



Features

- Intel Atom® x6000E series processors (Elkhart Lake)
- 15.6" 16:9 LCD panel with LED backlight with 50,000 service life
- With up to 1920 x 1080 resolution
- 10-point PCAP touchscreen
- Anti-fingerprint surface treatment for ease of cleaning and enhanced readability
- IP rating for water and dust protection
- Robustness with wide 9-36V DC input
- Ease of installation with optional VESA mount

Software Support

- Windows® 10 IoT Enterprise
- Windows® 11 IoT Enterprise
- Ubuntu Linux 22.04.2

Optional Accessories

- Memory
Up to 64GB DDR4 memory
- Storage
M.2 SATA SSD
- Wireless Kit
Wi-Fi/BT/4G LTE wireless kit
- Adapter
12V 84W power adapter

Specifications

Model	STC2-15WP-EHL
System	
Processor	Intel Atom® J6412, 2.0(2.6) GHz, 10W, 4C/16EU
Memory	1x SODIMM socket, DDR4 3200MHz (Up to 32GB)
Storage	1x M.2 SATA M key 2280, support SATA SSD and NVME (PCIe x2)
TPM	1x TPM 2.0 (optional)
Display	
Size	15.6"
Resolution	1920 x 1080
Aspect Ratio	16:09
Brightness	400 nits (w/i touch)
Backlight Life (Hrs)	50,000
Viewing Angle (U/D/R/L)	89/89/89/89
Contrast Ratio	1000:1
Touchscreen	10-point, PCAP (Projected Capacitive Touch), Anti-fingerprint coating
I/O	
Ethernet	1x GbE (Intel® I226), RJ-45, WOL (Default 1Gbps, optional: 2.5Gbps)
Serial Port	1x RS-232/422/485 programmable, auto flow
USB Port	2x USB 3.2, Gen 1 (5 Gbps), OCP, Type A 2x USB 2.0, OCP, Type A 1x USB 3.2 Gen 1, Type C (optional)
Video	1x DisplayPort, DisplayPort++, supports resolutions up to 4096x2160@60Hz 1x USB Type C, supports resolutions up to 4096x2160@60Hz (optional)
Audio	1x Stereo speaker (2 watt) 1x Mic-in/line-out 1x buzzer
COM Ports	1x RS-232/422/485 programmable, auto flow (wire to connectors) Default: COM 1, COM 2: BOM optional
Environmental	
Operating Temperature	0°C to 60°C (Default) -20°C to 60°C (By Request)
Storage Temperature	-20°C to 60°C
Humidity	10% to 95%
Vibration	OP 1 Grms, 5-500Hz w/ SSD, (IEC60068-2-64), X, Y, Z axes, 60 min/axis
Shock	OP 20G peak acceleration, 11 ms (IEC60068-2-64), ±X, ±Y, ±Z, 3 shocks/asix
IP Rating	Front IP65
Certifications & Compliance	CE/FCC
Power Input	9-36V DC input OVP/UVF protection
Power Consumption	TBD
Software	
WDT	Watch Dog Timer supported
Operating System	Windows® 10 IoT Enterprise, Linux Ubuntu 20.04
Weight (Net/Gross)	TBD
Dimensions (H x W x D) (mm)	TBD
Mounting	VESA Mount, MIS-D 75mm x 75mm, 100mm x 100mm

