# STC2-EHL Series

Preliminary

## Smart Touch Computers







## Features

- Intel Atom® x6000E series processors (Elkhart Lake)
- 15.6”/21.5” 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 | STC2-21WP-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" | 21.5" |
| 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<br>2x USB 2.0, OCP, Type A<br>1x USB 3.2 Gen 1, Type C (optional) | |
| Video | 1x DisplayPort, DisplayPort++, supports resolutions up to 4096x2160@60Hz<br>1x USB Type C, supports resolutions up to 4096x2160@60Hz (optional) | |
| Audio | 1x Stereo speaker (2 watt)<br>1x Mic-in/line-out<br>1x buzzer | |
| COM Ports | 1x RS-232/422/485 programmable, auto flow (wire to connectors)<br>Default: COM 1, COM 2: BOM optional | |
| **Environmental** | | |
| Operating Temperature | 0°C to 60°C (Default)<br>-20°C to 60°C (By Request) | 0°C to 60°C |
| 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<br>OVP/UVP protection | |
| Power Consumption | TBD | TBD |
| **Software** | | |
| WDT | Watch Dog Timer supported | |
| Operating System | Windows® 10 IoT Enterprise, Linux Ubuntu 20.04 | |
| Weight (Net/Gross) | TBD | TBD |
| Dimensions (H x W x D) (mm) | TBD | TBD |
| Mounting | VESA Mount, MIS-D 75mm x 75mm, 100mm x 100mm | |

intel partner Titanium IoT Solutions

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