

STC2-TGL Series

All-in-One Panel PC



Features

- High performance with 11th Gen. Intel® Core™ Processor
- 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	STC2-156-TGL
System	
Processor	Intel® Core™ i5-1145G7E, 2.6 (4.1)GHz, 8MB, 15-28W (4C/Iris Xe)
Memory	2x SODIMM non-ECC 2400/3200 MHz DDR4 memory up to 64GB
Storage	1x M.2 SATA 6 Gbps port, M key 2280, 128G
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 LAN, RJ-45
Serial Port	1x RS-232/422/485 programmable, auto flow
USB Port	1x USB 2.0, Type A, OCP, 1000mA 1x USB 3.2, 5 Gbps, Type A, OCP, 1600mA 2 x USB 3.2, gen 2, 10 Gbps, Type A, OCP, 1600mA
Video	1x DP, DP++, supports resolutions up to 5120x3200@60Hz 1x MiniDP, DP++, supports resolutions up to 5120x3200@60Hz (Optional)
Audio	1x for 2x stereo speaker (2 watt) 1x Mic-in and Line-out 1x buzzer
M.2	M.2 E key for Wi-Fi/BT M.2 B key for 4G/LTE
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

