TEGUAR

Features

- 21.5? P-Cap or Resistive Touchscreen
- Fanless Cooling System
- Easily accessible M.2 storage, up to 1TB
- IP66 Protected Front with Aluminum Housing
- Wide Range 9~36VDC Power Input
- Intel 8th Gen. Core i3/i5 CPUIP66 Protected Front with

Technical Specifications

Primäre Komponenten

Processor Family	Intel Celeron or Core i 8th Generation Whiskey Lake
Processor Model	Core i3 8145UE, Core i5-8365UE
Processor Speed	2.2 GHz
Memory Type	1x DDR4 SO-DIMM
Memory Support	4GB, 8GB, 16GB, 32GB
Storage Type	1x M.2 M Key, PCIe or SATA, 2242 NVME support
Storage Support	M.2: 128GB-1TB

Display

Screen Size	21.5
Screen Ratio	16:9
Brightness	250 nits, Optional 1000 nit High Brightness

Touchscreen

Touch Screen	Projected Capacitive, Resistive

Externe E/A-Ports

USB	4x USB 3.0
Serial / Com	1x COM
Serial Protocol Detail	Included Y-Cable provides two DB-9 Com ports: 1x 5-pin RS-232 (COM1) and 1x Configurable 3-Pin RS-232/422/485 (COM2)
Ethernet / LAN	2x RJ45 GbE LAN
Video Outputs	1x DisplayPort
Other Ports	1x 2-Pin DC Power Switch Connector
Audio Ports	1x Audio Line-Out
Power Input Port	2-Pin Power Switch

Leistung

Input Voltage Range	9-36V DC
Max Power Consumption	74W

Betriebssysteme

Windows	Windows 10 IoT, Windows 11 IoT, Windows 11 Pro
Linux	Linux Ubuntu 20.04 or above (Contact your sales rep for more information), Yocto Linux

Kompatibilität

Security Hardware	TPM 2.0

Thermisch & Umwelt

Operating Temperature	0°C - 50°C (32°F – 122°F)
Storage Temperature	-20°C - 60°C (-4°F – 140°F)
Cooling Solution	Passive – Fanless with Heatsink
Humidity Range	10% – 90% Non-condensing

Gehäuse

Material	Aluminum
IP Rating	IP66 Front Bezel
Color	Gray
Mounting Options	Panel Mount, VESA Mount

Gewicht / Abmessungen

Weight	7.5 kg (16.5 lbs)
Dimensions	557.3 x 362.3 x 64.8 mm (21.9 x 14.3 x 2.6 in)

Zertifizierung

Certifications	CE, FCC Class A, UL 62368

Garantie

Warranty	Up to 5 Years

I/O Diagram Images

Audio
Line Out

2-pin connector
for power switch

DisplayPort

2x RJ45

4x USB 3.1

COM

Additional space & slots for
optional daughterboard
expansion (Dual COM, GPIO, etc.)

Tech Diagram Images

537.8

557.3
477

64.8

8   30

268.5
362.3

342.8

4-M4

100

100

122.6

344

Mounting Hole Size

539

UNIT: mm
Tolerance: ±0.5
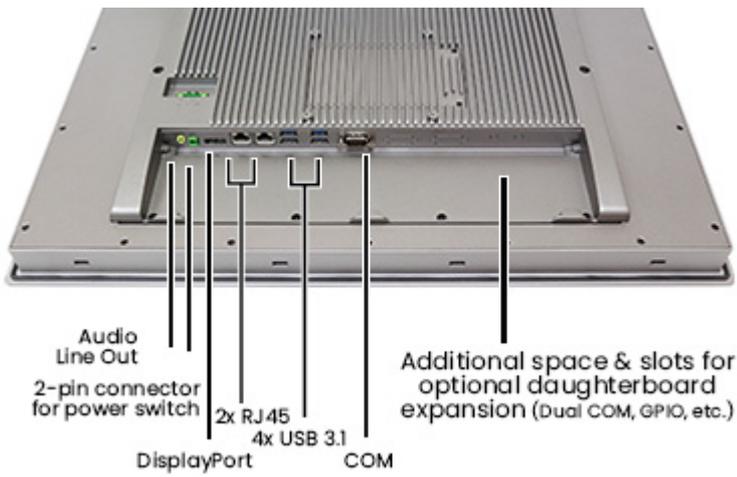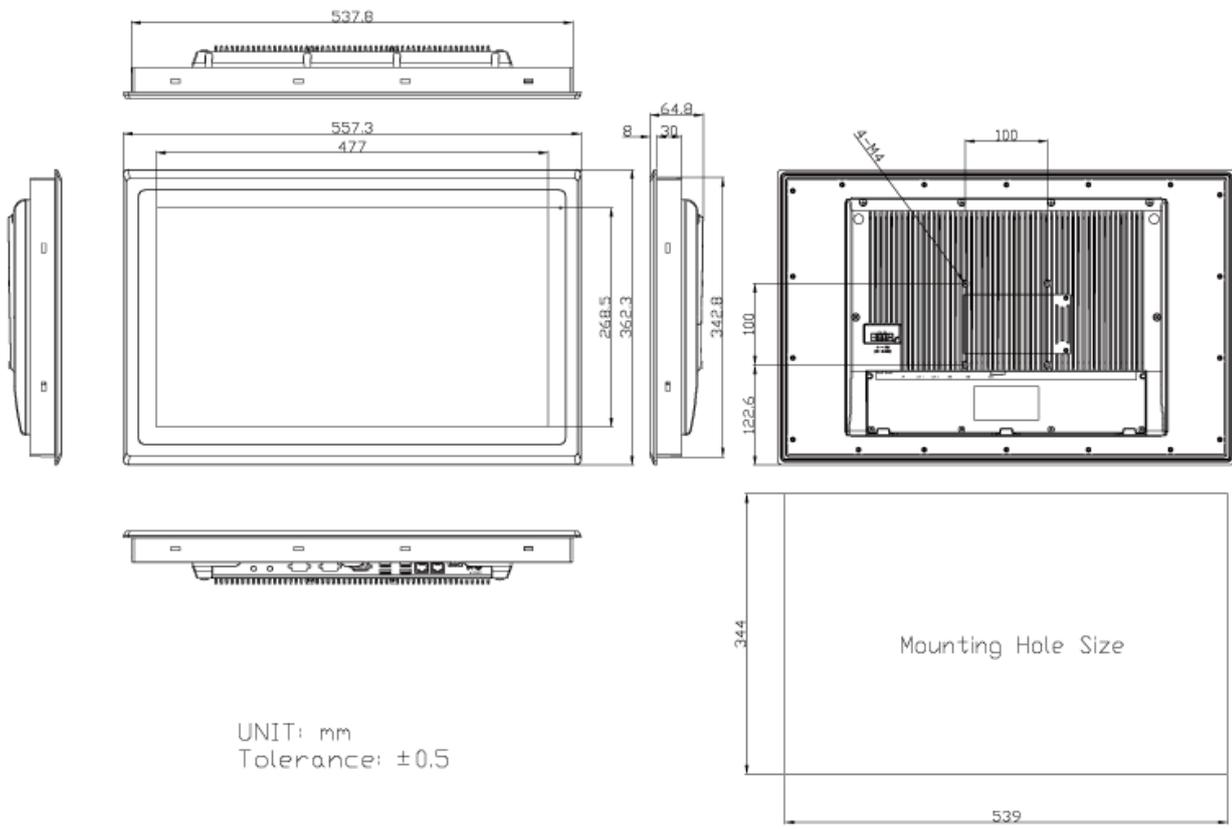
All specifications are subject to change without notice.