TEGUAR

Features

- 14th Generation Meteor Lake with built-in NPU
- Windows 11
- Ultra-fast DDR5
- Available configurations for dual LAN and PoE
- Rugged aluminum fanless build
- Expansions include 5MP camera and 2D scanner
- [Durable Flat Wi-Fi Antenna Kit](#)

Technical Specifications

Primäre Komponenten

Processor Family	Intel Core Ultra Series 14th Generation Meteor Lake
Processor Model	Core Ultra 5 - 125U
Processor Speed	2x Low-Power Efficient Cores up to 2.1GHz, 2x Performance Cores up to 4.3GHz, 8x Efficient Cores up to 3.6GHz
Memory Type	1x DDR5 SO-DIMM
Memory Support	8GB, 16GB, 32GB
Storage Type	1x M.2 2280 SATA3/NVMe Slot
Storage Support	128GB-1TB

Display

Screen Size	18.5"
Screen Ratio	16:9
Brightness	300 nits, 450 nits

Touchscreen

Touch Screen	Projected Capacitive (Multi-touch)

Externe E/A-Ports

USB	1x USB 3.0 Type-C (Power/Video/Data), 2x USB 2.0, 4x USB 3.0
Serial / Com	3x RJ48 COM
Ethernet / LAN	1x RJ45 GbE LAN
Video Outputs	1x DisplayPort via USB-C Alt Mode
Power Input Port	4-Pin DC-In Jack

Leistung

Input Voltage Range	12-48V DC
Standard Power Adapter	External 19V/6.32A 120W DC Power Adapter

Betriebssysteme

Windows	Windows 10 IoT, Windows 11 IoT, Windows 11 Pro

Kompatibilität

Security Hardware	fTPM 2.0

Erweiterungssteckplätze

Internal M.2	1x M.2 2230 Key E (for WiFi expansion option), 1x M.2 for NVME/SATA3 SSD Support
Expansion Module support	71W PoE Module/2nd LAN Module/Powered USB Module (2x 12V, 1x 24V)/Isolated LAN+DB9 Serial

Multimedia

Speakers	1x Speaker
Camera	Optional 5MP Webcam
Microphone	With Optional 5MP Webcam

Thermisch & Umwelt

Operating Temperature	0°C - 40°C (32°F – 104°F)
Storage Temperature	-20°C - 60°C (-4°F – 140°F)
Cooling Solution	Passive – Fanless with Heatsink
Humidity Range	20% – 85% Non-condensing, 25% – 85% Non-condensing

Gehäuse

Material	Aluminum, Plastic
IP Rating	IP65 Front Bezel
Color	Black, White
Mounting Options	VESA Mount

Peripheriegeräte und drahtlose Konnektivität

WiFi	WiFI 6E (Optional)
Bluetooth	Optional Bluetooth 5.2
Peripheral Other	Optional MSR

Gewicht / Abmessungen

Weight	5 kg (11.0 lbs), 5 Kg kg (11.0 lbs)
Dimensions	454 x 287 x 47 mm (17.9 x 11.3 x 1.9 in)

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Zertifizierung

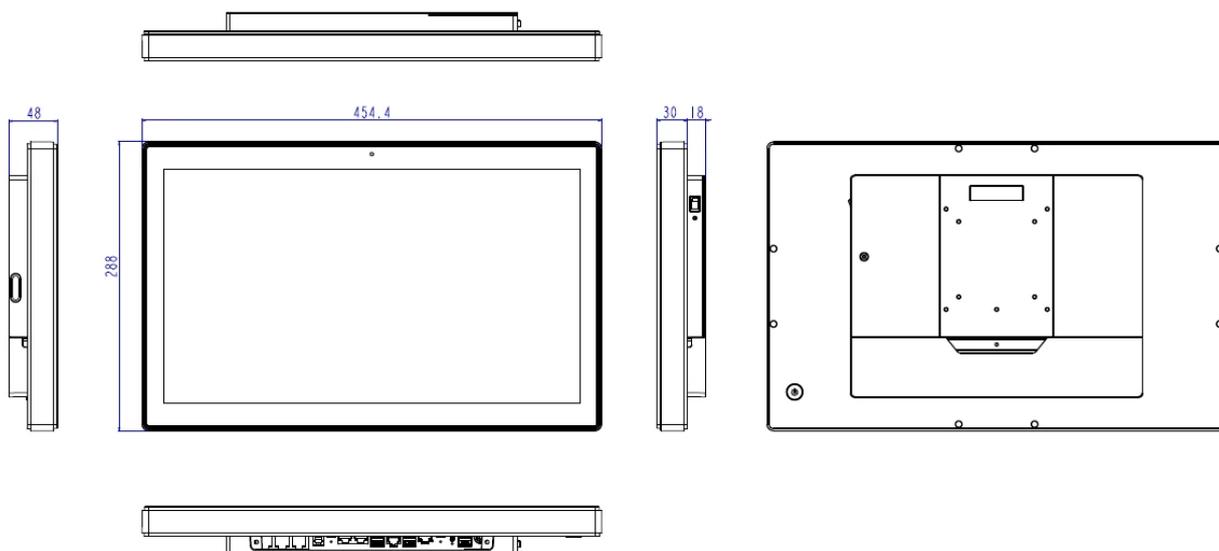|	
Certifications	CE, EN60601-1, FCC

Garantie

Warranty	Up to 5 Years

I/O Diagram Images
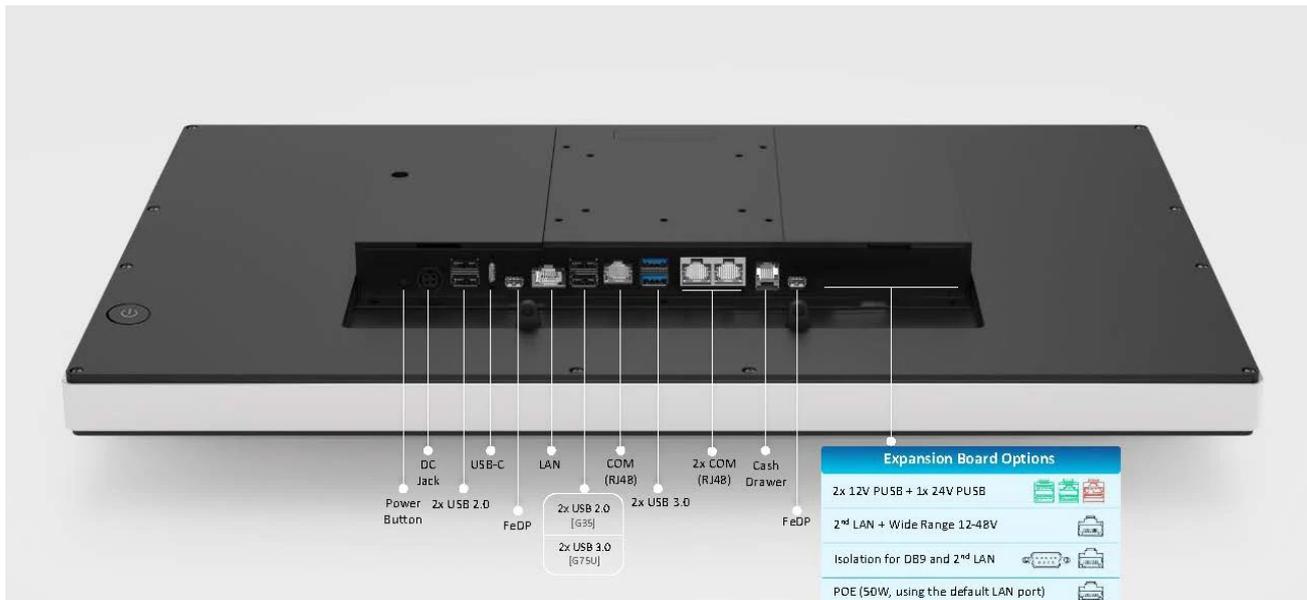
Tech Diagram Images

All specifications are subject to change without notice.