



Features

- 12th Generation Alder Lake CPU
- Fenster 11
- Lüfterlos mit großem Betriebstemperaturbereich
- Eine Vielzahl von Bildschirmgrößen (im Vergleich zum TP-5645)
- Zwei Steckplätze für DDR4 RAM

Technical Specifications

Primary Components

Processor Family	Intel Core I series 12th Generation Alder Lake
Processor Model	Core i3-1215U
Processor Speed	2x Performance Cores @ 4.4 GHz, 4x Efficient Cores @ 3.3 GHz, Bis zu 4,4 GHz
Memory Type	2x DDR4 SO-DIMM
Memory Support	4GB, 8GB, 16GB, 32 GB, 64 GB
Storage Type	1x M.2 2280 NVME SSD-Steckplatz
Storage Support	M.2: 256GB-1TB

Display

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

Touch Screen

Touch Screen	Projiziert kapazitiv (Multi-Touch), Widerstandsfähig
--------------	--

External I/O Ports

USB	2x USB 2.0, 2x USB 3.0
Serial / Com	3x COM
Serial Protocol Detail	COM1 & COM2 RS-232/422/485 (BIOS select, RS-232 default), COM3 RS-232
Ethernet / LAN	2x RJ45 GbE LAN
Power Input Port	3-poliger DC-Eingang (Phoenix-Typ)

Power

Input Voltage Range	9-36V DC
---------------------	----------

Operating Systems

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

Compatibility

Security Hardware TPM 2.0

Expansion Slots

Internal M.2 1x M.2 2230 Key E (für WiFi-Erweiterungsoption)

Thermal & Environmental

Operating Temperature -20°C - 60°C (-4°F - 140°F)
Storage Temperature -30°C - 70°C (-22°F - 158°F)
Cooling Solution Passiv – Lüfterlos mit Kühlkörper
Humidity Range 10% - 95% nicht kondensierend

Enclosure

Material Frontblende aus Aluminium, Kühlkörper aus Aluminium und SECC-Gehäuse aus Stahl
IP Rating IP66 Frontblende
Color Gray
Led Indicator Light Power
Mounting Options Schalttafelmontage, VESA 100 Halterung

Peripherals & Wireless Connectivity

WiFi Optional 802.11 a/b/g/n/ac/ax Wi-Fi 6
Bluetooth Optionales Bluetooth 5.3

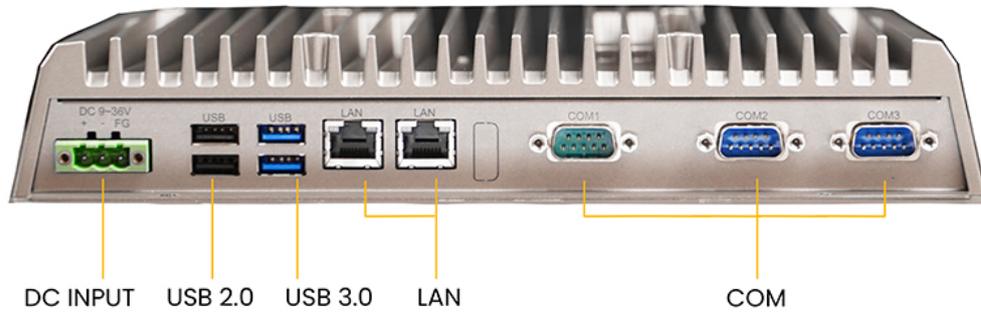
Weight / Dimensions

Weight 7.5
Dimensions 557.3 x 88 x 362.3

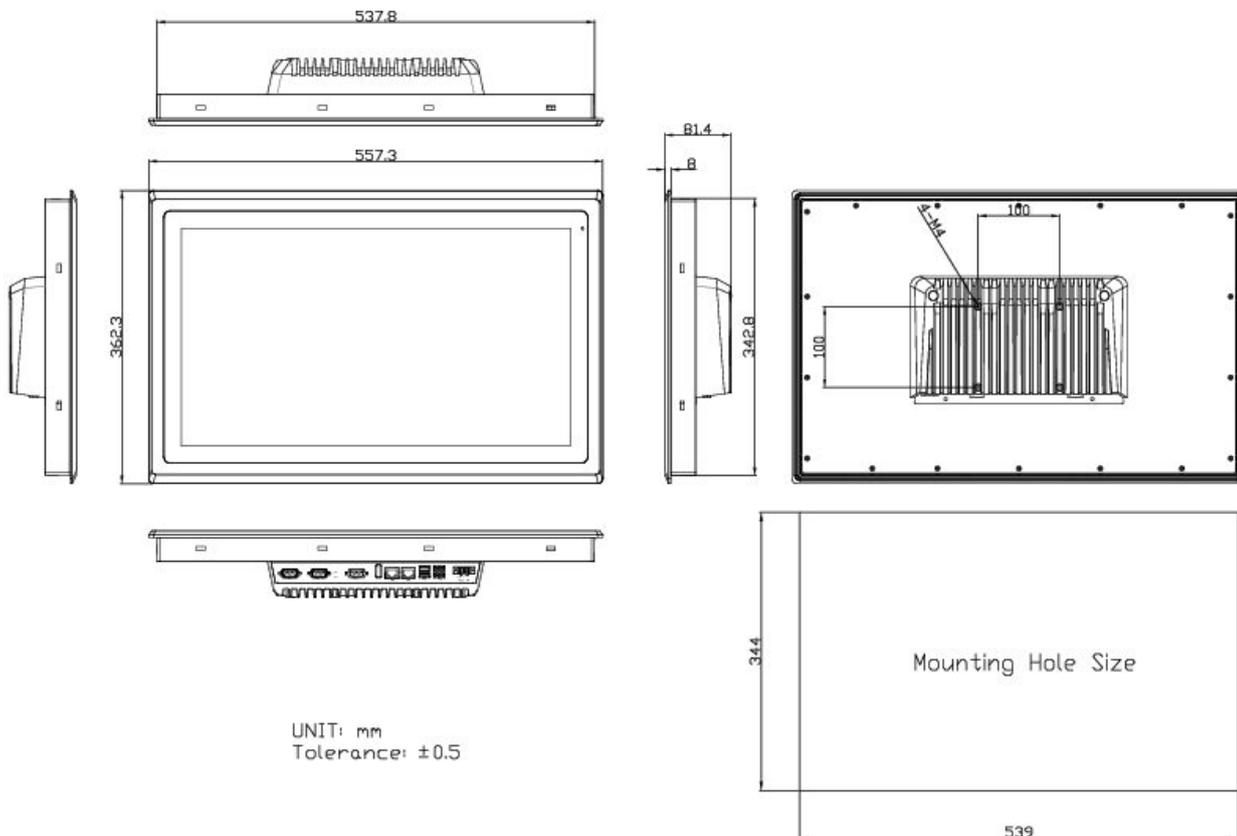
Warranty

Warranty Bis zu 5 Jahre

I/O-Diagramm-Bilder



Tech Diagram Bilder



All specifications are subject to change without notice.