



## Features

- 23,8" P-Cap Touchscreen
- Lüfterloses Kühlsystem
- Leicht zugänglicher M.2-Speicher, bis zu 1 TB
- IP66-geschützte Front mit Aluminiumgehäuse
- Weitbereich 9~36VDC Stromeingang
- Intel 8th Gen. Core i3/i5 CPU IP66 geschützte Front mit

## Technical Specifications

### Primary Components

Processor Family	Intel Core I series 8th Generation Whiskey Lake-U
Processor Model	Core i3 8145UE
Processor Speed	2,2 GHz, Bis zu 3,9 GHz
Memory Type	1x DDR4 SO-DIMM
Memory Support	4GB, 8GB, 16GB, 32 GB
Storage Type	1x M.2 SATA3 2242 Steckplatz
Storage Support	M.2: 256GB-1TB

### Display

Screen Size	23.8"
Screen Ratio	16:9
Brightness	250 nits

### Touch Screen

Touch Screen	Projiziert kapazitiv (Multi-Touch)
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### External I/O Ports

USB	4x USB 3.0
Serial / Com	2x COM
Serial Protocol Detail	Das mitgelieferte Y-Kabel bietet zwei DB-9 Com-Anschlüsse: 1x 5-Pin RS-232 (COM1) und 1x konfigurierbare 3-Pin RS-232/422/485 (COM2)
Ethernet / LAN	2x RJ45 GbE LAN
Video Outputs	1x DisplayPort
Audio Ports	1x 3.5mm Audio Line-Out
Power Input Port	DC-in Jack (Phoenix Type)

### Power

Input Voltage Range	9-36V DC
Standard Power Adapter	12Vdc, 5A, 60W US-Netzkabel

## Battery

Battery Type	Optionale interne Batterie
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## Operating Systems

Windows	Windows 10 IoT, Windows 10 Pro, Windows 11 Pro
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## Compatibility

Security Hardware	TPM 2.0
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## Multimedia

Speakers	Optionaler Lautsprecher
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## Thermal & Environmental

Operating Temperature	0°C - 50°C (32°F - 122°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	Aluminium
IP Rating	IP66 Frontblende
Color	Gray
Mounting Options	Schalttafelmontage, VESA 100 Halterung

## Peripherals & Wireless Connectivity

WiFi	Optionales Wi-Fi 5
Bluetooth	Optionales Bluetooth 4.0

## Weight / Dimensions

Weight	14.8
Dimensions	640x 65.1x395

## Certification

Certifications

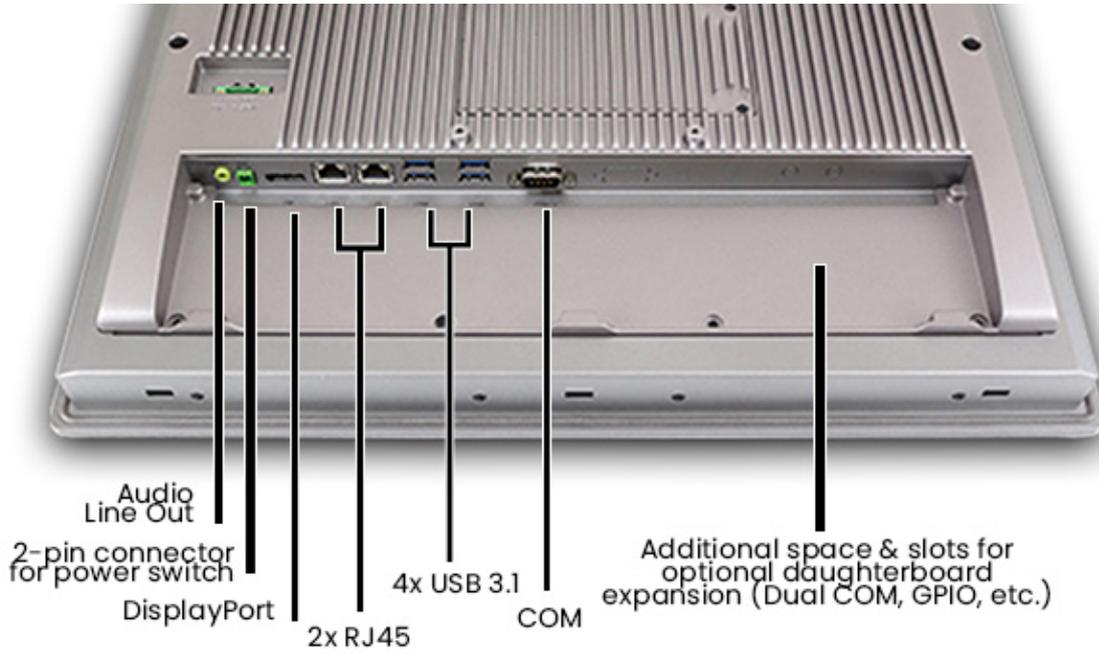
CE, FCC Klasse A, IEC 62368

**Warranty**

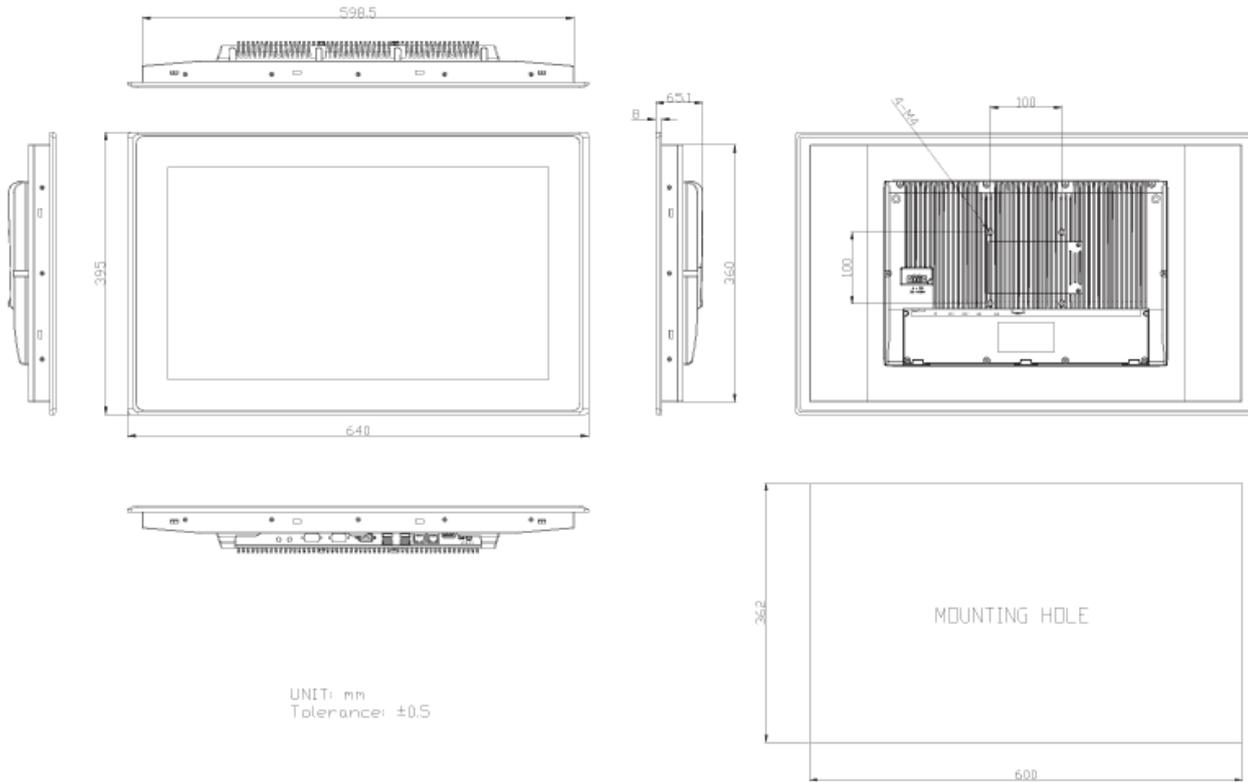
Warranty

Bis zu 5 Jahre

**I/O-Diagramm-Bilder**



**Tech Diagram Bilder**



*All specifications are subject to change without notice.*