



## Features

- 23.8" P-Cap 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 CPU IP66 Protected Front with

## Technical Specifications

### Primäre Komponenten

|                  |   |
|------------------|---|
| Processor Family | Intel Core I series 8th Generation Whiskey Lake-U |
| Processor Model  | Core i3 8145UE                                    |
| Processor Speed  | 2.2 GHz, Up to 3.9 GHz                            |
| Memory Type      | 1x DDR4 SO-DIMM                                   |
| Memory Support   | 4GB, 8GB, 16GB, 32GB                              |
| Storage Type     | 1x M.2 SATA3 2242 Slot                            |
| Storage Support  | M.2: 256GB-1TB                                    |

### Display

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

### Touchscreen

|              |                                    |
|--------------|------------------------------------|
| Touch Screen | Projected Capacitive (Multi-touch) |
|--------------|------------------------------------|

### Externe E/A-Ports

|                        |  |
|------------------------|--|
| USB                    | 4x USB 3.0   |
| Serial / Com           | 2x 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   |
| Audio Ports            | 1x 3.5mm Audio Line-Out  |
| Power Input Port       | DC-in Jack (Phoenix Type)  |

### Leistung

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

## Batterie

Battery Type Optional Internal Battery

## Betriebssysteme

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

## Kompatibilität

Security Hardware TPM 2.0

## Multimedia

Speakers Optional Speaker

## Thermisch & Umwelt

Operating Temperature 0°C - 50°C (32°F – 122°F)  
Storage Temperature -30°C - 70°C (-22°F – 158°F)  
Cooling Solution Passive – Fanless with Heatsink  
Humidity Range 10% – 95% Non-condensing

## Gehäuse

Material Aluminum  
IP Rating IP66 Front Bezel  
Color Gray  
Mounting Options Panel Mount, VESA 100 Mount

## Peripheriegeräte und drahtlose Konnektivität

WiFi Optional Wi-Fi 5  
Bluetooth Optional Bluetooth 4.0

## Gewicht / Abmessungen

Weight 14.8 kg (32.6 lbs)  
Dimensions 640 x 65.1 x 395 mm (25.2 x 2.6 x 15.6 in)

## Zertifizierung

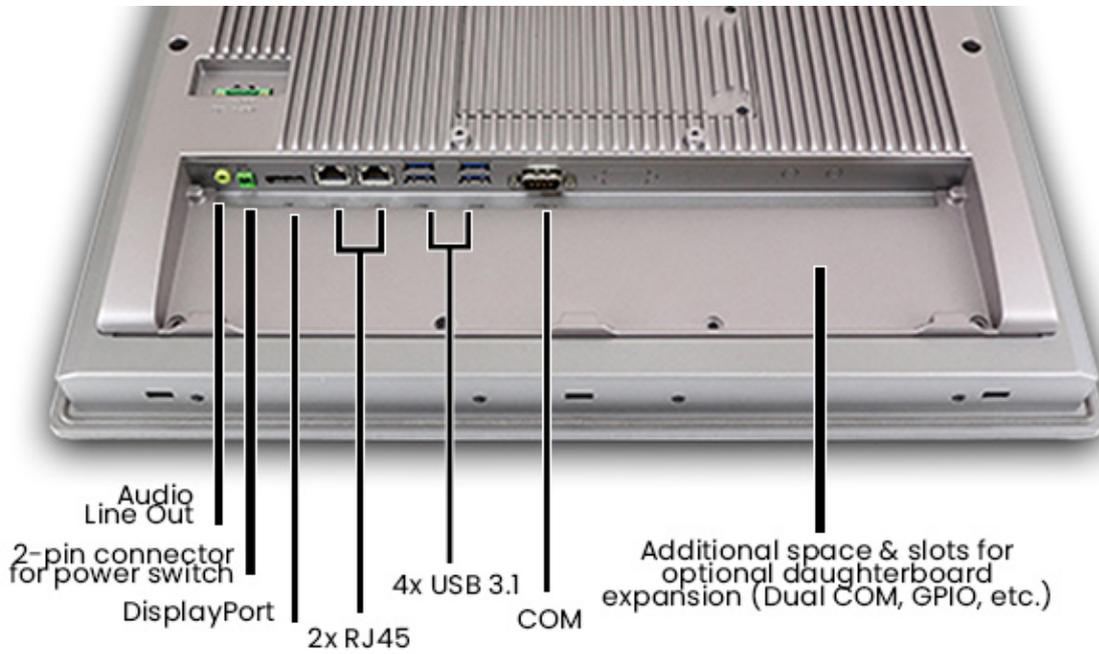
Certifications CE, FCC Class A, IEC 62368

## Garantie

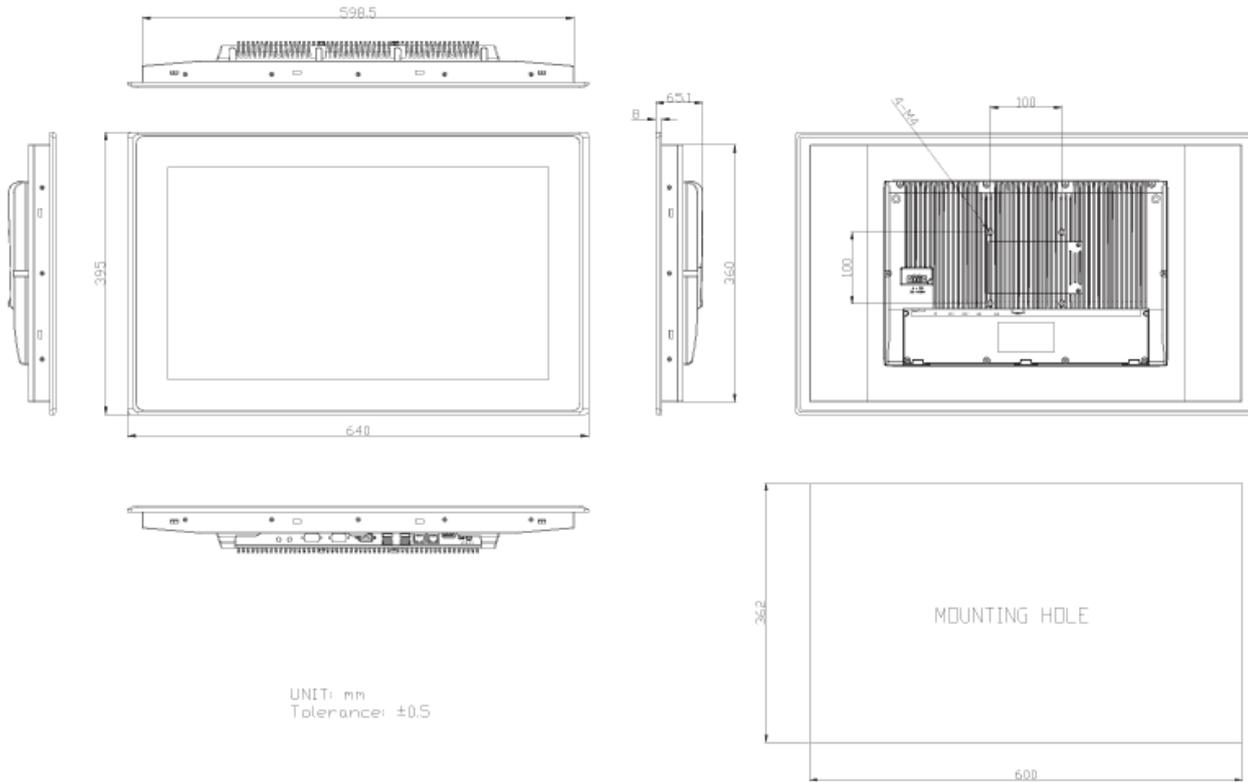
Warranty

Up to 5 Years

## I/O Diagram Images



## Tech Diagram Images



*All specifications are subject to change without notice.*