



## Features

- Intel 8th Gen. Core i3/i5 CPU
- 15" P-Cap or Resistive Touchscreen
- Fanless Cooling System
- IP66 Protected Front with Aluminum Housing
- Easily accessible M.2 storage, up to 1TB

## 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  | 15"                                         |
| Screen Ratio | 4:3                                         |
| Brightness   | 300 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 3.5mm Audio Line-Out                                                                                              |
| Power Input Port       | 2-Pin Power Switch, 3-Pin DC-In (Phoenix Type), Optional POE++, 45W with 2x USB 2.0                                  |

### Leistung

|                        |                               |
|------------------------|-------------------------------|
| Input Voltage Range    | 9-36V DC                      |
| Max Power Consumption  | 59W                           |
| Standard Power Adapter | Optional 12V 5A AC/DC Adapter |

## Batterie

|                        |                           |
|------------------------|---------------------------|
| Battery Type           | Optional Internal Battery |
| Battery Operating Time | 20min                     |

## 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 |
|-------------------|---------|

## Erweiterungssteckplätze

|              |                             |
|--------------|-----------------------------|
| Internal M.2 | 1x M.2 for NVME SSD Support |
|--------------|-----------------------------|

## Multimedia

|          |                  |
|----------|------------------|
| Speakers | Optional Speaker |
|----------|------------------|

## 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% – 95% Non-condensing        |

## Gehäuse

|                     |                         |
|---------------------|-------------------------|
| Material            | Aluminum                |
| IP Rating           | IP66 Front Bezel        |
| Color               | Gray                    |
| Led Indicator Light | Power                   |
| Mounting Options    | Panel Mount, VESA Mount |

## Peripheriegeräte und drahtlose Konnektivität

|          |                       |
|----------|-----------------------|
| Sim Card | 1x Nano SIM Card Slot |
|----------|-----------------------|

Gewicht / Abmessungen

|            |                                          |
|------------|------------------------------------------|
| Weight     | 4.29 kg (9.5 lbs)                        |
| Dimensions | 410 x 310 x 67 mm (16.1 x 12.2 x 2.6 in) |

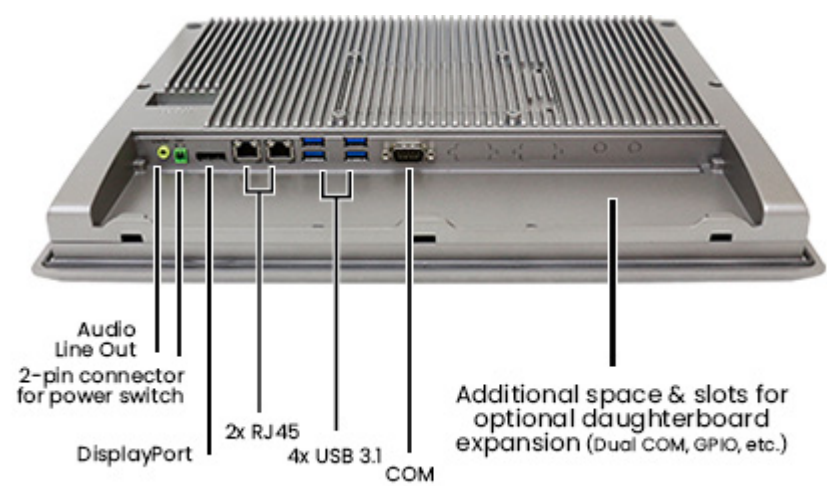
Zertifizierung

|                |                           |
|----------------|---------------------------|
| Certifications | CE, FCC Class A, UL 62368 |
|----------------|---------------------------|

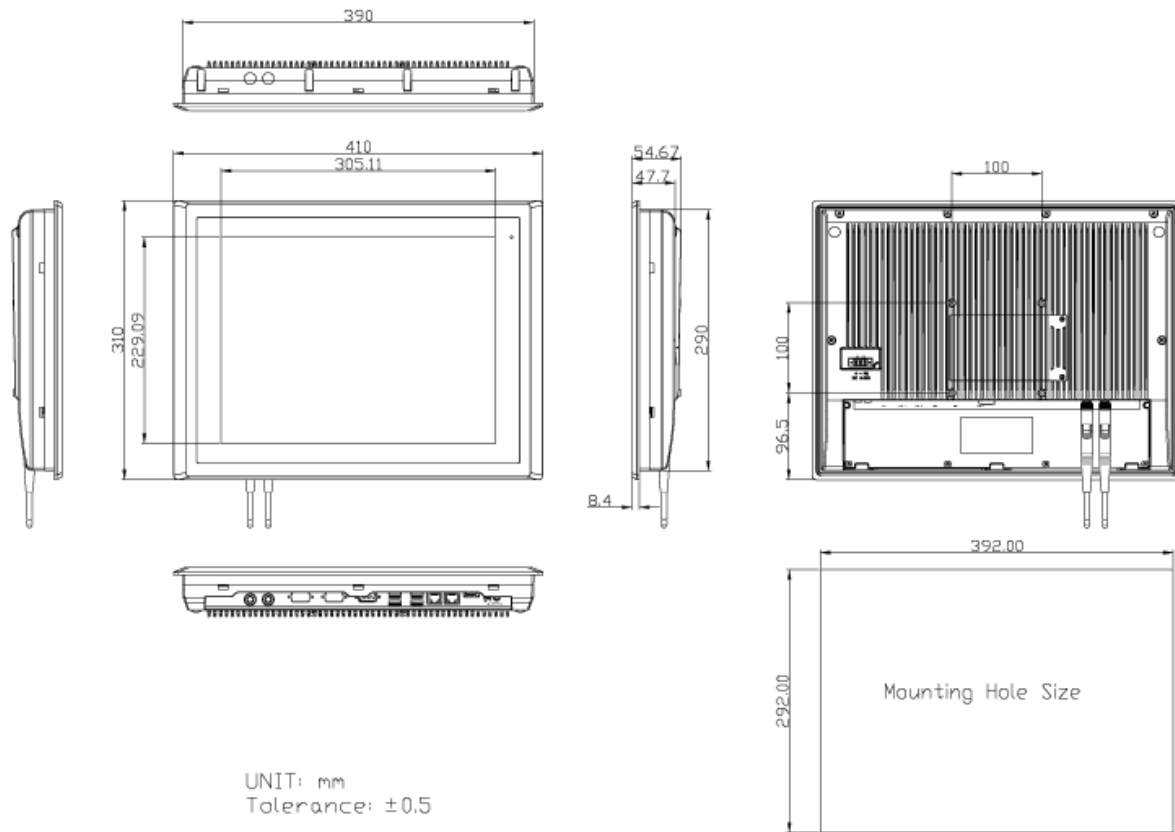
Garantie

|          |        |
|----------|--------|
| Warranty | 1 Year |
|----------|--------|

I/O Diagram Images



Tech Diagram Images



*All specifications are subject to change without notice.*