



## Features

- 21.5" Resistive or PCAP Touchscreen
- Intel Celeron J6412 Processor
- Windows 11 Operating System
- IP66/IP69K Stainless Steel Front Bezel
- Aluminum back enclosure

## Technical Specifications

### Primäre Komponenten

|                  |                                                  |
|------------------|--------------------------------------------------|
| Processor Family | Intel Celeron Elkhart Lake                       |
| Processor Model  | Celeron J6412 Quad                               |
| Processor Speed  | 2.0 GHz                                          |
| Memory Type      | 1x DDR4 SO-DIMM                                  |
| Memory Support   | 16GB, 32GB, 4GB, 8GB                             |
| Storage Type     | 1x M.2 M Key, PCIe or SATA, 2242 default or 2280 |
| Storage Support  | 128GB-1TB                                        |

### Display

|              |                                             |
|--------------|---------------------------------------------|
| Screen Size  | 21.5                                        |
| Screen Ratio | 16:9                                        |
| Brightness   | 250 nits, Optional 1000 nit High Brightness |

### Touchscreen

|              |                                 |
|--------------|---------------------------------|
| Touch Screen | Projected Capacitive, Resistive |
|--------------|---------------------------------|

### Externe E/A-Ports

|                        |                                              |
|------------------------|----------------------------------------------|
| USB                    | 2x USB 2.0, 2x USB 3.2                       |
| Serial / Com           | 1x COM                                       |
| Serial Protocol Detail | 1x RS-232/422/485 DB-9, default RS-232(COM1) |
| Ethernet / LAN         | 2x RJ45 2.5 GbE LAN                          |
| Video Outputs          | 1x DisplayPort                               |
| Audio Ports            | 1x Audio Line-Out                            |
| Power Input Port       | DC-in Jack (Phoenix Type)                    |

### Leistung

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

## Betriebssysteme

|         |                                            |
|---------|--------------------------------------------|
| Windows | Windows 10 IoT, Windows 10 Pro, Windows 11 |
|---------|--------------------------------------------|

## Erweiterungssteckplätze

|              |                                               |
|--------------|-----------------------------------------------|
| Internal M.2 | 1x M.2 2230 Key E (for WiFi expansion option) |
|--------------|-----------------------------------------------|

## Thermisch & Umwelt

|                       |                                                                 |
|-----------------------|-----------------------------------------------------------------|
| Operating Temperature | 0°C - 50°C (32°F – 122°F), -20°C - 60°C (Optional -4°F – 140°F) |
| Storage Temperature   | -30°C - 70°C (-22°F – 158°F)                                    |
| Cooling Solution      | Passive – Fanless                                               |
| Humidity Range        | 10% – 95% Non-condensing                                        |
| Storage Humidity      | 10% – 90% Non-condensing                                        |

## Gehäuse

|                  |                                                                   |
|------------------|-------------------------------------------------------------------|
| Material         | Aluminum, Optional SUS316 Stainless Steel, SUS304 Stainless Steel |
| IP Rating        | IP66 Front Bezel, IP69K Front Bezel                               |
| Color            | Silver, Stainless Steel                                           |
| Mounting Options | Panel Mount, VESA 100 Mount                                       |

## Peripheriegeräte und drahtlose Konnektivität

|           |                                                       |
|-----------|-------------------------------------------------------|
| WiFi      | Optional 802.11 ac + Bluetooth with External Antennas |
| Bluetooth | Optional Bluetooth 4.0                                |

## Gewicht / Abmessungen

|            |                                          |
|------------|------------------------------------------|
| Weight     | 8 kg (17.6 lbs)                          |
| Dimensions | 574 x 379 x 60 mm (22.6 x 14.9 x 2.4 in) |

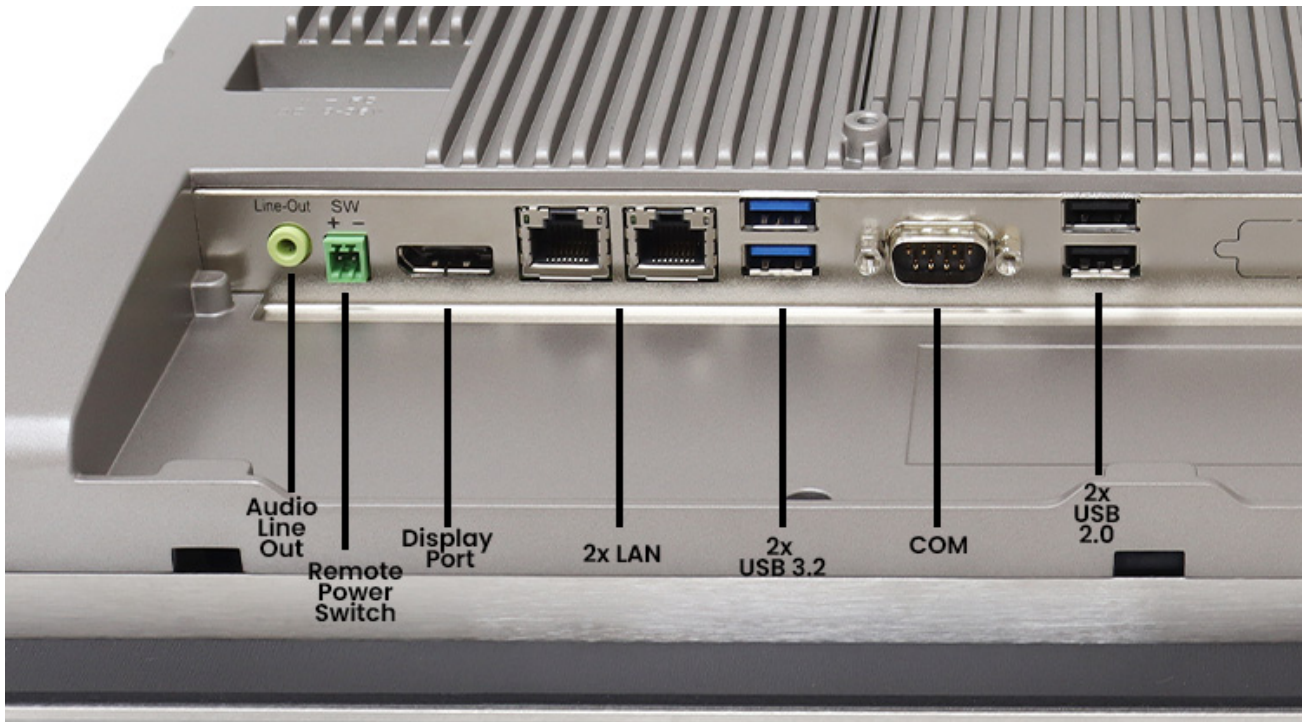
## Zertifizierung

|                |                                                              |
|----------------|--------------------------------------------------------------|
| Certifications | CE, EN 1672-2 Complaint (PCAP Touchscreen Only), FCC Class A |
|----------------|--------------------------------------------------------------|

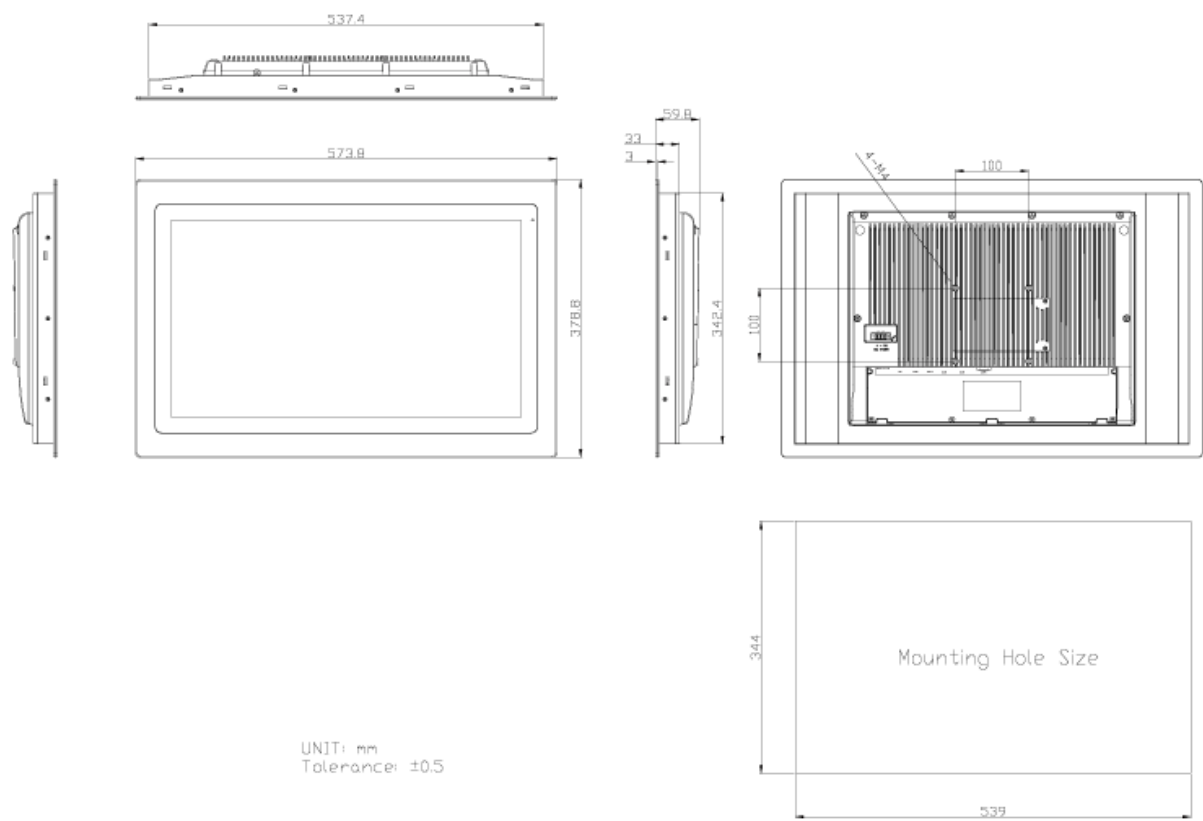
## Garantie

|          |               |
|----------|---------------|
| Warranty | Up to 5 Years |
|----------|---------------|

## I/O Diagram Images



## Tech Diagram Images



*All specifications are subject to change without notice.*