



## Features

- 19" Touchscreens
- 12. Generation Intel Core i5 10-Kern CPU
- Kabelverschraubung für versiegelte E/A-Verbindungen
- IP66, IP69K Wasserdichtigkeit
- Kompatibel mit Windows 11
- Zwei 2.5 GbE LAN

## Technical Specifications

### Primary Components

Processor Family	Intel Core I series 12th Generation Alder Lake
Processor Model	Kern i5-1245UE
Memory Type	2x DDR4 SO-DIMM
Memory Support	4GB, 8GB, 16GB, 32 GB, 64 GB
Storage Type	1x 2,5" SATA Laufwerksschacht für SSD/HDD
Storage Support	32GB-1TB

### Display

Screen Size	19
Resolution	1280 x 1024 (SXGA)
Screen Ratio	5:4
Brightness	350 Nits, Optional 1000 nit hohe Helligkeit

### Touch Screen

Touch Screen	Projiziert kapazitiv, Widerstandsfähig
Hardness	Widerstandsfähig: 3H, P-cap: 7H

### External I/O Ports

USB	2x USB 2.0, 2x USB 3.2, 2x USB 3.2 Typ C
Serial / Com	2x COM
Serial Protocol Detail	2x RS-232/422/485
Ethernet / LAN	2x RJ45 2.5 GbE LAN
Video Outputs	2x Display Port 1.4a über USB-C, 2x HDMI 2.0b
Audio Ports	1x Audio-Line-Ausgang, 1x Mikrofon-Eingang

### Power

Input Voltage Range	12-28V DC
Standard Power Adapter	AC 100 ~ 277V / 47 ~ 63 Hz / DC Ausgang 24V, 5A, 120W, IP68

## Operating Systems

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

## Compatibility

Security Hardware	TPM 2.0
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## Expansion Slots

Internal M.2	1x M.2 3042/3052 Key B (For 4G/5G Cellular expansion option), 1x M.2 für NVME SSD Unterstützung, 1x M.2 Typ E
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## Multimedia

Speakers	Optionaler Lautsprecher
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## Thermal & Environmental

Operating Temperature	0°C - 40°C (32°F - 104°F)
Storage Temperature	-20°C - 60°C (-4°F - 140°F)
Cooling Solution	Passiv - Lüfterlos
Humidity Range	10 % – 90 % nicht kondensierend
Storage Humidity	10% – 90% Non-condensing

## Enclosure

Material	Optional SUS316 Edelstahl, SUS304 Edelstahl
IP Rating	IP66, IP69K
Color	Rostfreier Stahl
Control Buttons	Ein-/Aus-Taste, Helligkeit oben, Helligkeit runter
Mounting Options	Schwenkarm, Tisch montieren, VESA 100 Halterung, Wandhalterung

## Peripherals & Wireless Connectivity

WiFi	Optionales WiFi + Bluetooth Flachantennen-Kit
Sim Card	1x Nano-SIM-Kartensteckplatz
Barcode Scanner	Optionaler 1D/2D Barcode-Scanner
RFID	Optional RFID (kann nicht zusammen mit einem Barcode-Scanner verwendet werden)

## Weight / Dimensions

Weight	7.39
Dimensions	458 x 396 x 105

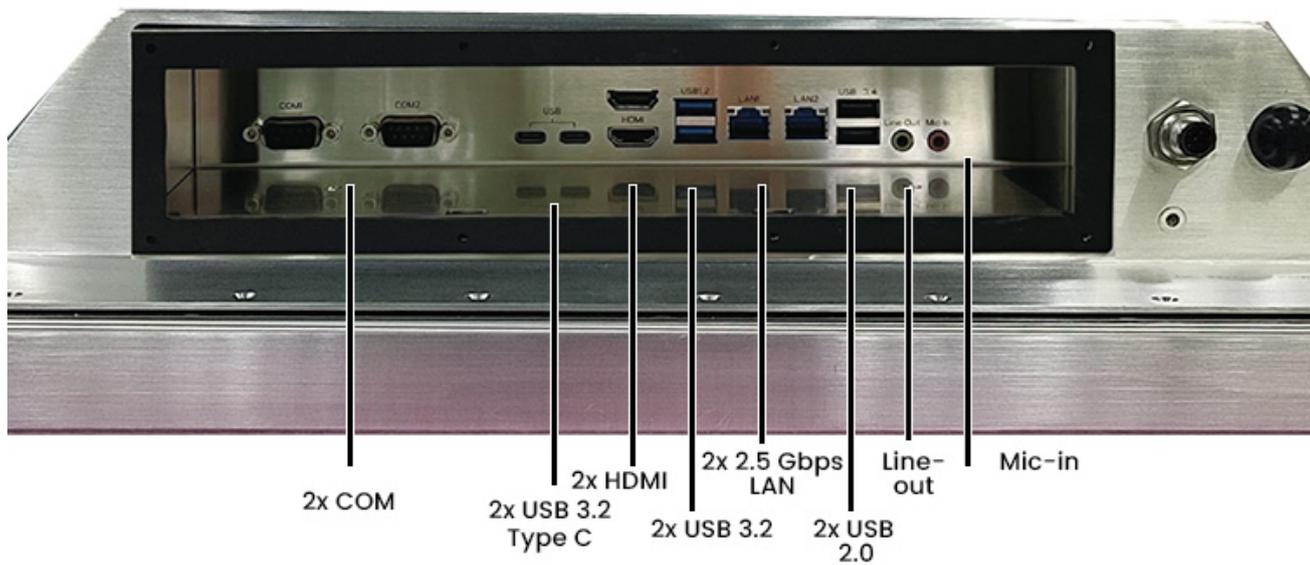
## Certification

Certifications	CE, FCC
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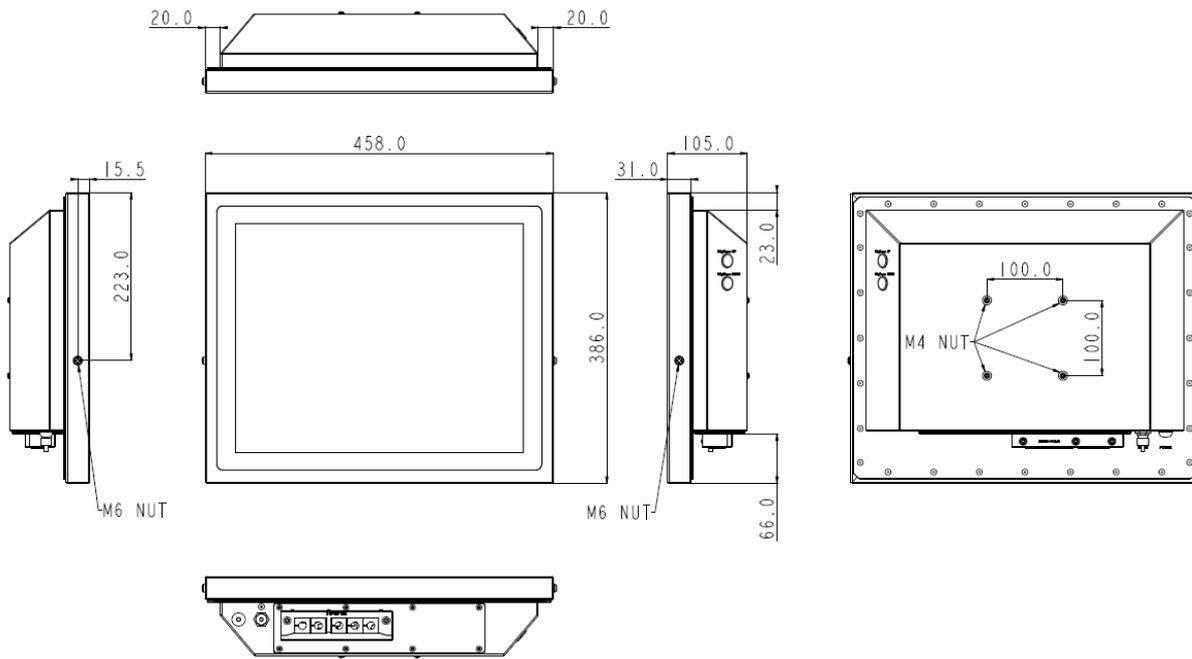
## Warranty

Warranty	Bis zu 5 Jahre
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### I/O-Diagramm-Bilder



### Tech Diagram Bilder



*All specifications are subject to change without notice.*