



Features

- 19" LCD-Touchscreen-Display
- Intel 12. Generation i5-Prozessor 9300 Passmark-Ergebnis
- Windows 11
- i7 CPU Upgrade Option
- IP69K Wasserdichte M12 Steckverbinder

Technical Specifications

Primary Components

Processor Family	Intel Core I series 12th Generation Alder Lake
Processor Model	Kern i5-1245UE
Processor Speed	Bis zu 4,4 GHz
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, 1x M.2 2280 NVME SSD-Steckplatz
Storage Support	128GB-2TB

Display

Screen Size	19
Resolution	1280 x 1024 (SXGA)
Screen Ratio	5:4
Brightness	250 nits

Touch Screen

Touch Screen	5 Draht Widerstandsfähig, Projiziert kapazitiv (Multi-Touch)
Hardness	Widerstandsfähig: 3H, P-cap: 7H

External I/O Ports

USB	2x M12 8Pin für USB 1/2 und USB 3/4
Serial / Com	2x M12 8-polig für COM
Serial Protocol Detail	RS-232/422/485
Ethernet / LAN	1x M12 8pin RJ45 Gbe LAN
Video Outputs	Optionaler Display Port 1.4 über USB-C
Other Ports	Optional 1X USB-C 3.2 über M20-Anschluss an der unteren Blende
Power Input Port	M12 Typ 5-PIN DC-Eingang

Power

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

Operating Systems

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

Security Hardware	fTPM 2.0
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Expansion Slots

Internal M.2	1x M.2 2230 Key E (für WiFi-Erweiterungsoption), 1x M.2 für NVME SSD Unterstützung
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Thermal & Environmental

Operating Temperature	0°C - 50°C (32°F - 122°F)
Storage Temperature	-20°C - 60°C (-4°F - 140°F)
Cooling Solution	Passiv - Lüfterlos
Humidity Range	10 % – 90 % nicht kondensierend

Enclosure

Material	SUS304 Edelstahl
IP Rating	IP66, IP69K, NEMA 4X
Color	Rostfreier Stahl
Control Buttons	Ein-/Aus-Taste, Helligkeit oben, Helligkeit runter
Mounting Options	Bodenständer, Schwenkarm, Tisch montieren, VESA 100 Halterung, Wandhalterung

Peripherals & Wireless Connectivity

WiFi	Optionales Wi-Fi 6 802.11 AX Dual Band, mit robusten Flachantennen
Bluetooth	Optionales Bluetooth 5.3
Barcode Scanner	Optionaler 1D/2D Barcode-Scanner
RFID	Optionales RFID-Lesegerät

Weight / Dimensions

Weight	11.5
Dimensions	458 x 386 x 64

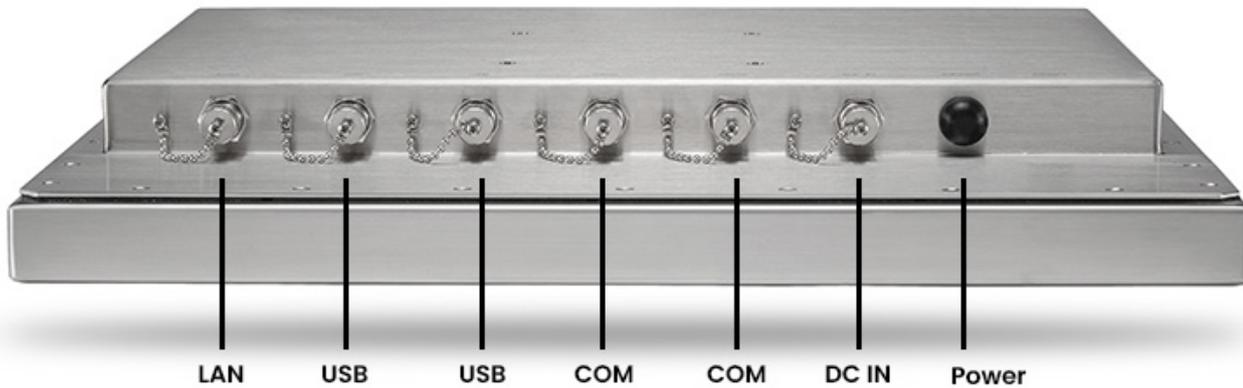
Certification

Certifications	CE, FCC
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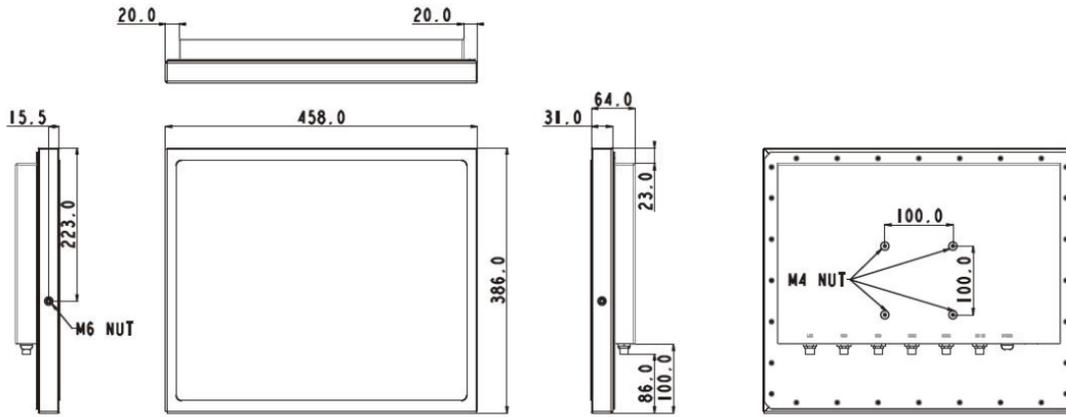
Warranty

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



Tech Diagram Bilder



All specifications are subject to change without notice.