Features

- 19? 5:4 Ratio Touchscreen
- 8th Gen Intel Whiskey Lake Core i3/i5/i7 CPU
- Flat Wireless WiFi/BT Antenna
- Full IP66 and IP69K with Optional IP67
- Supports Intel Vpro Technology through CPU
- Optional Speakers and Barcode Reader (MOQ)

Technical Specifications

Primary Components

Processor Family	Intel Core I series 8th Generation Whiskey Lake-U
Processor Model	Core i5-8365UE
Processor Speed	Up to 4.1 GHz
Memory Type	2x DDR4 SO-DIMM
Memory Support	4GB, 8GB, 16GB, 32GB
Storage Type	1x 2.5" SATA Drive Bay for SSD/HDD
Storage Support	32GB-1TB

Display

Screen Size	19
Screen Resolution	1280 x 1024 (SXGA)
Screen Ratio	5:4
Brightness	350 nits

Touch Screen

Touch Screen	5 Wire Resistive, Projected Capacitive
Hardness	Resistive: 3H, P-cap: 7H

External I/O Ports

USB	2x M12 8Pin for USB 1/2 and USB 3/4
Serial / Com	2x M12 8-pin for COM
Serial Protocol Detail	RS-232/422/485
Ethernet / LAN	1x M12 8pin RJ45 Gbe LAN
Power Input Port	M12 type 5-PIN DC-in

Power

Input Voltage Range	19-28V DC
Standard Power Adapter	AC 100 ~ 277V / 47 ~ 63 Hz / DC output 24V, 5A, 120W, IP68

Operating Systems

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

Compatibility

Security Hardware	Optional TPM 2.0, Supports Intel Vpro

Expansion Slots

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

Multimedia

Speakers	Optional Speakers

Thermal & Environmental

Operating Temperature	0°C - 40°C - 0°C - 50°C (32°F – 104°F (With HDD), 32°F – 122°F (With SSD))
Storage Temperature	-20°C - 60°C (-4°F – 140°F)
Cooling Solution	Passive – Fanless
Humidity Range	10% – 90% Non-condensing
Storage Humidity	10% – 90% Non-condensing

Enclosure

Material	Optional SUS316 Stainless Steel, SUS304 Stainless Steel
IP Rating	IP66, IP69K, NEMA 4X, Optional IP67
Color	Stainless Steel
Control Buttons	Power Button
Mounting Options	Side Mount, VESA 100 Mount, Wall Mount

Peripherals & Wireless Connectivity

WiFi	Optional Wi-Fi 802.11 a/b/g/n/ac
Bluetooth	Optional Bluetooth 5.1
Barcode Scanner	Optional 1D/2D Barcode Scanner

Weight / Dimensions

Weight	11.5 kg (25.4 lbs)
Dimensions	458 x 386 x 64 mm (18.0 x 15.2 x 2.5 in)

Certification

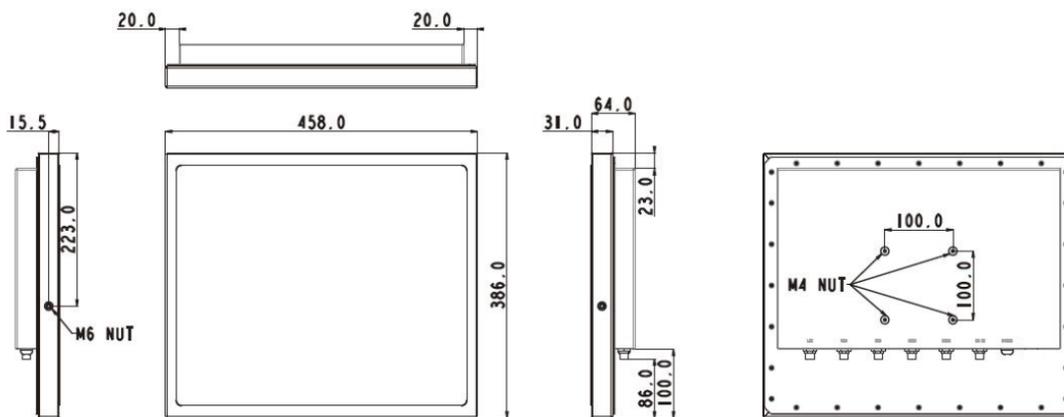|	
Certifications	CE, FCC, VCCI Class B

Warranty

Warranty	Up to 5 Years

I/O Diagram Images
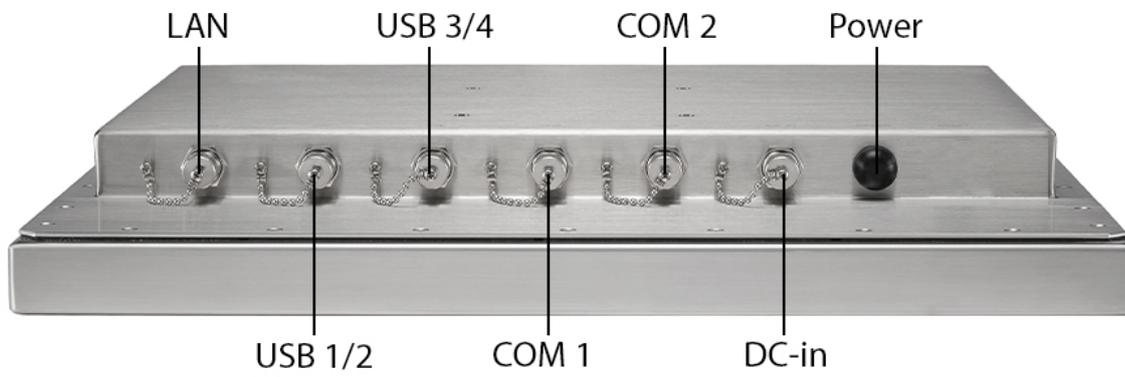
Tech Diagram Images

All specifications are subject to change without notice.