



## Features

- 15" 4:3 Ratio Touchscreen
- 8th Gen Intel Core Whiskey Lake i3/i5/i7 CPU
- Full IP66 and IP69K with Optional IP67
- Flat Wireless WiFi/BT Antenna
- Optional Speakers and Barcode Reader (MOQ)
- Supports Intel Vpro Technology

## Technical Specifications

### General

Main Category Industrial Computer

### 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 15"  
 Resolution 1024 x 768 (XGA)  
 Screen Ratio 4:3  
 Brightness 450 nits  
 Contrast Ratio 800:1  
 Viewing Angle 160° (H), 160° (V)  
 Number of Colors Supported 16.2M

### Touch Screen

Touch Screen 5 Wire Resistive, Projected Capacitive  
 Light Transmission 80±5% (Resistive), >86% (P-Cap)  
 Hardness Resistive: 3H, P-cap: 7H

### Expansion Slots

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

### Multimedia

### Thermal and Environmental

Storage Temperature Array (-4°F – 140°F)  
 Humidity Range 10% – 90% Non-condensing  
 Storage Humidity 10% – 90% Non-condensing  
 Cooling Solution Passive – Fanless

### Enclosure

Material SUS304 Stainless Steel  
 Ip Rating IP66, IP69K, NEMA 4X  
 Color Stainless Steel  
 Control Buttons Power Button  
 Mounting Options VESA 100 Mount, Wall Mount

**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
Max Power consumption	83.9W
Standard Power Adapter	AC 100 ~ 277V / 47 ~ 63 Hz / DC output 24V, 5A, 120W, IP68

**Battery**

**Operating Systems**

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

Security Hardware	Optional TPM 2.0, Supports Intel Vpro
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**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

**Dimensions / Weight**

Weight	8.4 kg KG (18.5 lbs)
Dimensions	395 x 309.5 x 58 mm (15.6 x 12.2 x 2.3 in)

**Certification**

Certifications	CE, FCC, VCCI Class B
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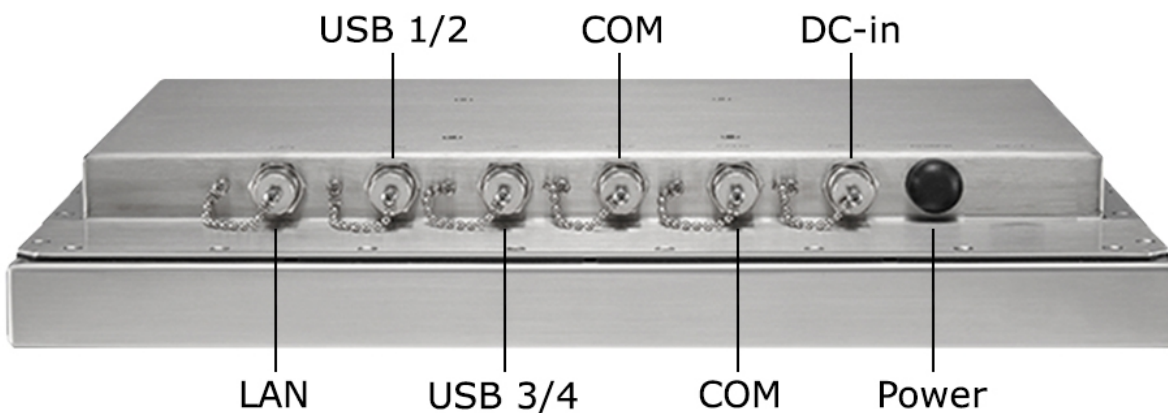
**Warranty**

Warranty	Up to 5 Years
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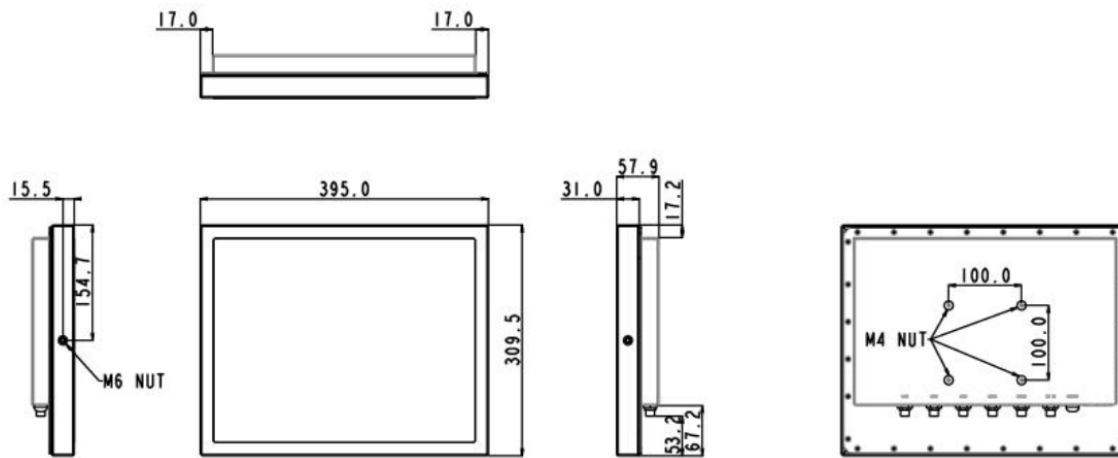
**Filters**

Main Category Filter	Industrial Computer
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**Inputs / Outputs**



Technical Drawings



*All specifications are subject to change without notice.*