



**Features**

- 15" 4:3 Ratio Touchscreen
- 6th Gen Intel Core i3/i5/i7 CPU
- Full IP66 and IP69K with Optional IP67
- Flat Wireless WiFi/BT Antenna
- Optional Speakers and Barcode Reader (MOQ)



LAN Connector



Two USB Ports,  
One Connector



COM Connectors

**Technical Specifications**

**System**

Processor	Intel 6th Gen Core i3/i5/i7 CPU
Storage	2.5" SATA HDD, / SSD
Memory	2 x DDR4 SO-DIMM, Non-ECC
Memory (RAM)	4GB, 8GB, 16GB, 32GB
Security Hardware	Optional TMP 2.0

**Display**

Screen Size	15"
Screen Resolution	1024 x 768
Display Ratio	4:3
Contrast Ratio	600:1
Brightness	450 Nits (Optional 1000 Nit High Brightness LCD)
Viewing Angle	160 (H) / 160 (V)
Number of Colors	16.7M Colors

**Touch Screen**

Touchscreen	Resistive, Optional PCap with IP69K
Light Transmission	80±5%
Hardness	4H
Lifetime Usage	490,000 hours
Approved Cleaning Agents	Acetone, Benzyl Alcohol, Carbitol Acetate, Cellosolve Acetate, Ethanol, Heptane, Hexane, Hydrochloric Acid, Isopropanol/Propanol, Methyl Ethyl Ketone, Methylene Chloride, Turpentine, Vm & P Naptha

**I/O Ports**

USB 2.0	2x M12 8Pin for USB 1/2 and USB 3/4
Serial	2x M12 8pin for COM RS-232
Ethernet	1x M12 8pin RJ45 Gbe

**Operating Temperature**

Operating Temperature	0°C to 40°C (32°F to 104°F) or 0°C to 50°C (32°F to 122°F) w/SSD
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Humidity Range	10% to 90% (non-condensing)
Storage Humidity	10% to 90% (non-condensing)

**Cooling System / Thermal Solution**

Thermal Solution	Passive - Fanless
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**Dimensions / Weight**

Weight (kg)	8.4000
Dimensions	395 x 310 x 58 mm

**Enclosure**

Material	SUS304 Stainless Steel, Optional SUS316 Stainless Steel
IP Rating	IP66, IP69K, Optional IP67
Control Buttons	Power on/off
Mounting	VESA 100 Mount, Wall Mount, Table Mount
Approved Cleaning Agents	Acetone, Alcohol, Club Soda, Hydrochloric Acid, Methyl Alcohol, Mineral Spirits, Nitric Acid, Sulfuric Acid (low concentration), Vinegar, Warm Water

**Peripherals & Devices**

Wireless Communication	WiFi + Bluetooth Flat Antenna Kit
Barcode Scanner	Optional Barcode Reader (MOQ)

*All specifications are subject to change without notice.*

# 15" Waterproof Computer | TS-5010-15

## IP66/IP69K Waterproof Touchscreen PC



**Other Ports** 1x M12 5pin DC power connector  
**Approved Cleaning Agents** Cleaning Naptha, Non-organic Detergent, Strong Acid, Strong Alkali

**Operating System**  
 Operating System Windows 10 Pro, Windows 10 IoT, Windows 7 Pro

**Power**  
 Power Input DC 7V~32V  
 Power Consumption 53.3W ( MAX. Loading without adapter )  
 Power Adapter AC 90 ~ 264V / 47 ~ 63 Hz / DC output 12V IP67(LV6)

**Expansion Slots**  
 Mini PCIe Slot 2x Mini PCIe  
 Expansion 1x M.2 Type E

**Multimedia**  
 Integrated Speakers Optional 5W/2W Speakers with MOQ order

- Optional**
- M12 to 1x COM Cable (2 meters)
  - M12 to 1x USB 1 Port Cable (2 meters)
  - M12 to 2x USB 2 Port Cable (2 meters)
  - M12 to 1x LAN 2 Cable (2 meters)
  - Wide Temperature Range
  - Vandal Proof Touchscreen
  - SSD
  - Second HDD
  - LCD Auto Dimming or Super Dimming
  - 2 External LAN
  - COM+power 5V or 12V
  - TPM
  - USB 3.0

**Accessories**

**Extra Features** IP68 Waterproof Adapter

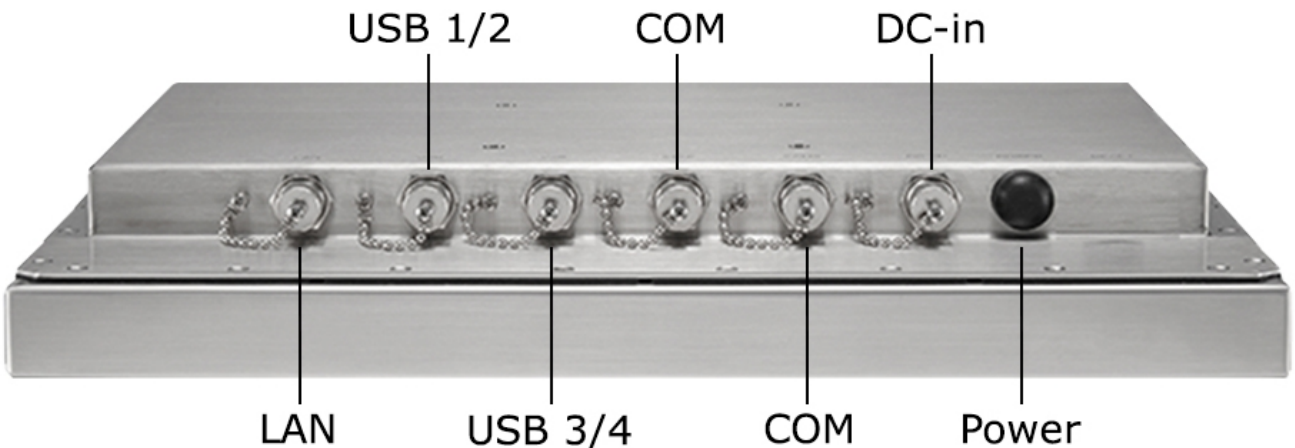
**Certification**

Certification FCC, CE (EMC), VCCI Class B

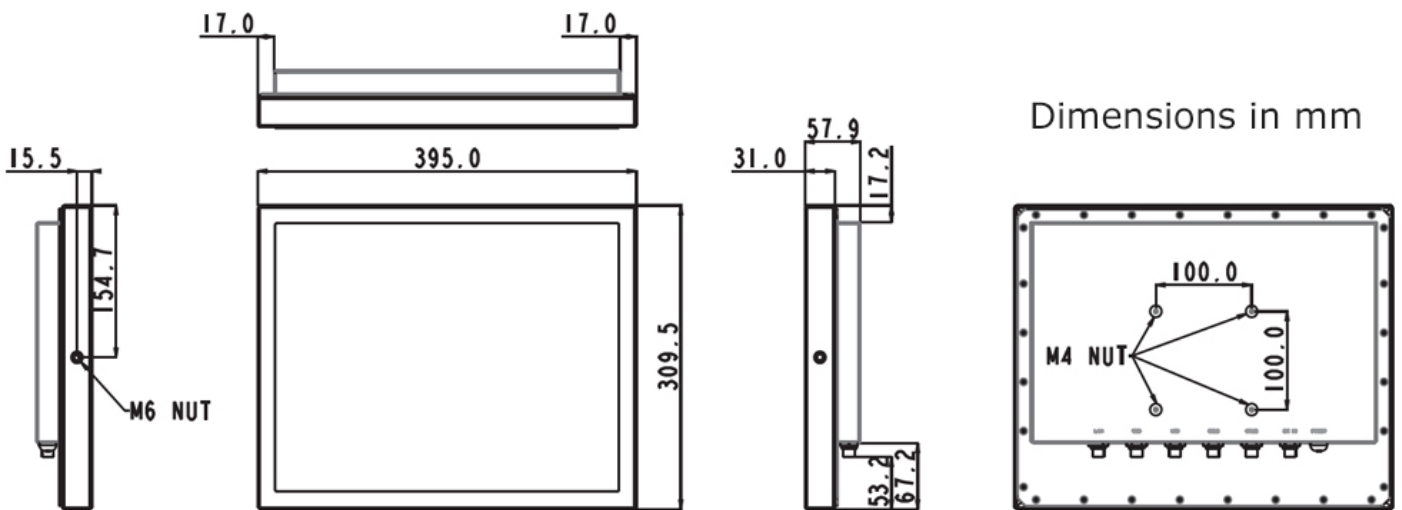
**Warranty**

Warranty Up to 5 Years

**Inputs / Outputs**



**Technical Drawings**



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