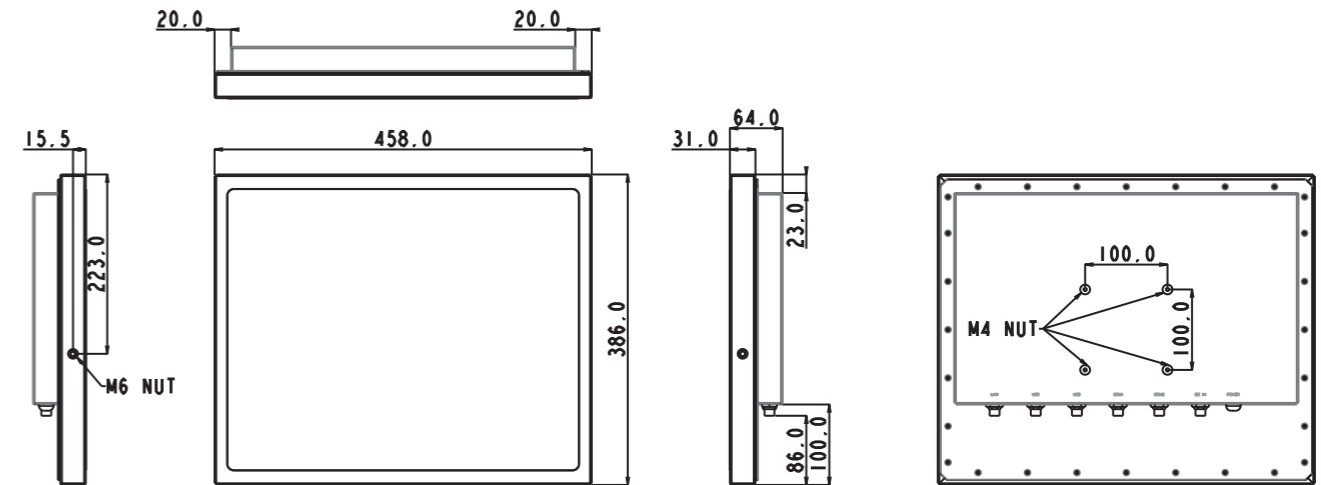## Key Features

- 19" Intel Broadwell Fanless Stainless Panel PC
- IP66 full sealed with Anti-corrosion enclosure
- 19" LCD with full flat Resistive touch
- IP67 M12 metal connectors
- Special inspection of 100% waterproof guarantee
- CE, FCC, VCCI Class B certified
- Wide Temp. -20~55°C operation capability
- Customized PCAP touch with IP69K true tested
- Customized IP67 solution
- Screen touch lock funtion

55 to -20

Touch Lock

intel CPU — Broadwell

IP66 Waterproof

IP67 Waterproof

IP69K Waterproof

Outline Drawing

20.0 | 20.0 | 15.5 | 458.0 | 223.0 | 386.0 | M6 NUT | 31.0 | 64.0 | 23.0 | 86.0 | 100.0 | M4 NUT | 100.0 | 100.0 | 100.0

Main System

CPU	FCBGA1168 5th generation Intel® Core i7/i5 processor (15W max.)
Chipset	SoC
VGA	Intel® integrated HD Graphics 5500 by CPU
Memory	Two 1600 MHz DDR3L SODIMM socket support dual Channel, non-ECC, up to 16GB

LCD Panel

Size	19" 4:3
Resolution	1280 x 1024 (SXGA)
Color numbers	16.7M colors (RGB 6bit + HiFRC)
Viewing angle	170 (H) / 160 (V)
Contrast	1000:1
Brightness	350 nits

Touch Panel

Type	Full Flat Resistive touch, 5-wire
Light transmission	80±5%
Hardness	4H
Life time	490,000hours

Storage & Expansion

SSD	128GB 2.5" SATA SSD 3MG2-P x 1
Expansion slot	Mini PCIe x 2

I/O & Power & Control Keys

USB	1 x M12 8pin for USB 1/2 1 x M12 8pin for USB 3/4
COM	1 x M12 8pin for COM 1/RS-232 1 x M12 8pin for COM 2/RS-232
LAN	1 x M12 8pin for LAN 1
Power input	1 x M12 5pin DC power connector, DC7V~32V
Power adaptor	AC 90 ~ 264V / 47 ~ 63 Hz / DC output 12V IP67, 60W
Power consumption	67.5 W (MAX. Loading without adapter)
Control keys	Rear bottom: Power on/off

Mechanical & Environmental

Housing	Stainless steel (SUS304), chassis type
IP rating	IP66 whole set (include the I/O connectors & control keys)
Cooling	Fanless
Dimension	458 x 386 x 64 mm (W x H x D, not include I/O connectors)
Weight (net)	11.5 Kg (net)
Temperature	Operating – -20°C~55°C (air flow cooling) Storage – -20°C~60°C
Humidity	Operating & storage – 10%~90%, non-condensing
Regulatory	FCC, CE (EMC), VCCI Class B

Options

Wireless or Wireless + BT kit (2 ant)
M12 to 1x COM cable (cable length is 2 meters)
M12 to 1x USB cable (1 USB Port) (cable length is 2 meters)
M12 to 2x USB cable (2 USB Port) (cable length is 2 meters)
M12 to 1x LAN cable (cable length is 2 meters)
Wall mount / table mount bracket

Customization

1000 nits high brightness LCD
Sunlight readable optical bonding
Anti UV and 7H coating
LCD Auto dimming
LCD Super dimming (Low brightness)
Robust Antenna
Full flat PCT touch screen IP69K
USB 3.0
5W / 2W speaker
2 External LAN (USB x2, LAN x2, COM x1)
Intel Core i7-5500U turbo mode disable
Second HD
IP67
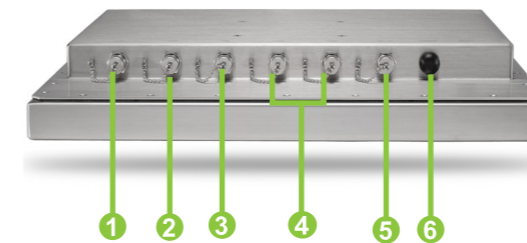
1. Giga LAN
2. USB 1/2
3. USB 3/4
4. COM x 2
5. DC-in
6. Power on/off

IP69K testing

Ordering Information

WTP-9C66-19 (i5)	19" FANLESS	Core i5-5200U / 4G RAM / 128 SSD / Full flat R-Touch