

WTP-8866-19D PLUS

19" Atom Dual Core Stainless Steel Full IP66 Fanless Panel PC



Waterproof
Full IP66



Dual Core



Fanless



Stainless

Key Features

- Stainless steel housing with compact dimension
- IP66 protection for the whole set and I/O connectors
- True Fanless design for 0°C~40°C operating temp.
- Atom N2800 1.86G CPU / Intel NM10
- 19" 1280x1024 350 nits LCD panel
- Integrated resistive touch w/ front sealing rubber gasket
- IP67 power adaptor and optional IP65 extension I/O cables
- Optional mini PCIe WLAN w/ external antenna
- Optional stainless steel side mount kit – wall mount & table mount (w/ tilt)
- Optional 0°C~50°C operating with wide temperature HDD

Main System

CPU	Intel Atom Dual Core N2800 1.86GHz 1MB L2 cache
Chipset	Intel NM10
Graphics	Integrated Intel 640MHz graphics core
Memory	4GB maximum, DDR3 1066 MHz
Serial ATA II	x 1, (Max.Data Transfer Rate 300 MB/s)
USB	x 4, USB 2.0 (one reserved for touch screen controller)
COM	x 2
Audio	Realtek ALC892 high definition audio HD
LAN	GbE1 Intel 82583V 10/100/1000 Mbps
BIOS	AMI, 16Mbit EEPROM

LCD Panel

Size	19" 5:4
Resolution	1280 x 1024 (SXGA)
Brightness	350 nits
Contrast	1000:1
Color numbers	16.7M colors (RGB 6bit + HiFRC)
Viewing angle	170 (H) / 160 (V)
Response time	5 ms (R + F)
Backlight	LED, 50,000 hours life time

Touch Panel

Type	Resistive touch, 5-wire
Light transmittance	80 +/- 3%
Hardness	3H
Touch stylus	No limitation
Resolution	4096 x 4096
Life time	36 million activations

Storage & Expansion

HDD 2.5" SATA HDD drive bay x 1 + anti-vibration kit, 320GB / 500GB

Expansion slot Mini PCIe x 1

I/O & Control Keys

USB	USB 2.0 x 2
COM	DB-9 x 2 (RS232, RS232/422/485)
LAN	RJ-45 x 1, Gigabit
Power input	DC-in x 1, 12V
WLAN	Optional, mini PCIe 802.11 a/b/g/n module w/ external antenna
Control keys	Rear side – power on/off, reset

Power

Power adaptor External, 60 watts, in 12V DC out, IP67 rating

Power consumption 45 watts (typical, without any add-ons)

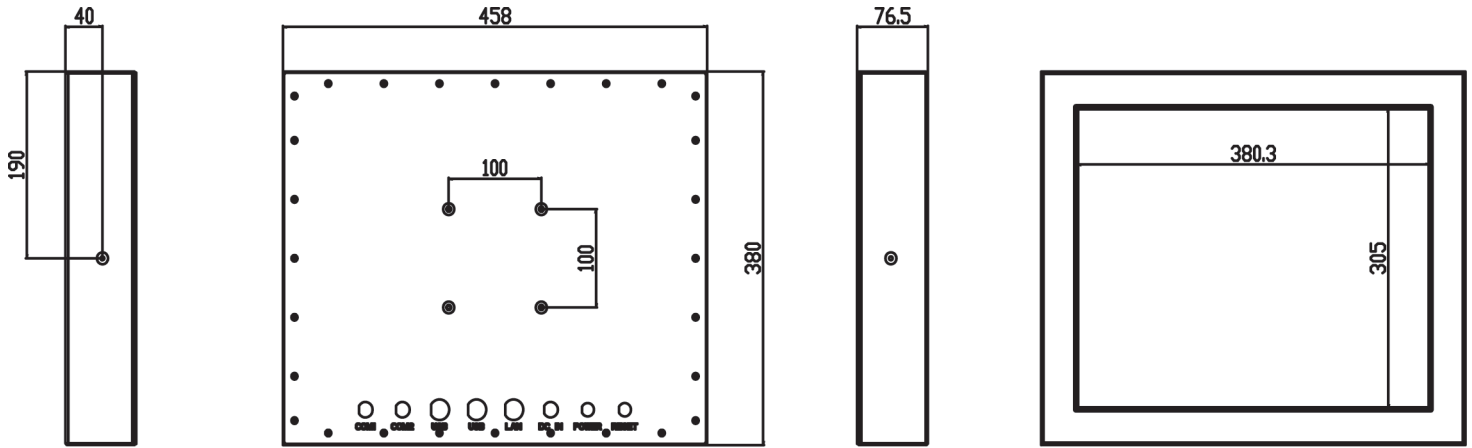
Mechanical & Environmental

Housing	Stainless steel (SUS304)
IP rating	IP66 whole set (include the I/O connectors & control keys)
Cooling	Fanless
Mounting	VESA 100 x 100 mm and side mount
Dimension	458 x 380 x 76.5 mm (W x H x D, not include I/O connectors)
Weight	12.5 Kg (net)
Temperature	· Operating – 0°C~40°C (standard) - 0°C~50°C (optional) · Storage – -20°C~60°C
Humidity	Operating & storage – 10%~90%, non-condensing
Regulatory	FCC-A, CE (EMC)

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Outline Dimension



Packaging & Options

Packaging System, power adaptor, AC power cord,
CD (drivers & manual)

- Options**
- IP65 extension cables – USB, COM, LAN (2m all), DC-in (1.35m)
 - WLAN – 802.11 a/b/g/n mini PCIe module w/ external antenna x 1
 - Stainless steel mount bracket – wall mount (w/ tilt)
 - Stainless steel mount bracket – table mount (w/ tilt)
 - Change to 100G wide temperature HDD for 0°C~50°C operating

- Customization**
- 2 LAN
 - Bluetooth

I/O & Control Keys



- 1 RS232
- 2 RS232
- 3 USB x 2
- 4 Giga Lan
- 5 DC-in
- 6 Power on/off
- 7 Reset



Table Mount



Wall Mount

Ordering Information

- CPU: Atom N2800 1.86G · Memory: 1G / 2G / 4G · HDD: 320G / 500G / 100G wide temp · WLAN: None / x 1
- LAN: x 1 / x 2 (customization) · IP65 cables: None / USB / COM / LAN / DC-in · Operating temp: 0°C~40°C / 0°C~50°C
- Stainless steel side mount bracket: None / wall mount / table mount



Wincomm Corporation

3F, NO. 14, Prosperity Road II, Science-Based Industrial Park,
Hsinchu, Taiwan 30078, R.O.C
Tel: +886 3 578 0000 Fax: +886 3 578 0295

Web: www.wincomm.com.tw

Contact: sales_support@wincomm.com.tw