

WTP-8866-15D PLUS

15" 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
- 15" XGA 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 | 15" 4:3 |
| Resolution | 1024 x 768 (XGA) |
| Brightness | 350 nits |
| Contrast | 700:1 |
| Color numbers | 16.7M colors (RGB 6 bit + HiFRC) |
| Viewing angle | 140 (H) / 120 (V) |
| Response time | 8 ms (R + F) |
| Backlight | CCFL x 2, 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)

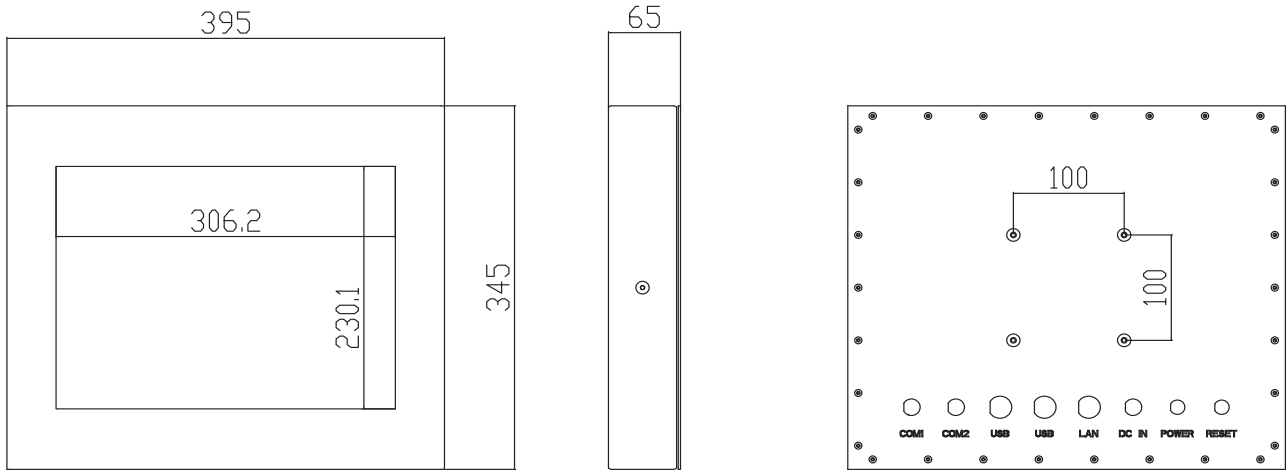
Mechanical & Environmental

| | |
|--------------------|---|
| 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 | 395 x 345 x 65 mm (W x H x D, not include I/O connectors) |
| Weight | 8.8 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



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