

WTP-8866-19

19" Atom N270 Stainless Steel Full IP65 Panel PC



Key Features

- Stainless steel housing with compact dimension
- IP65 protection for the whole set and I/O connectors
- Atom N270 1.6G CPU / Intel 945GSE + ICH7M
- 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 N270 1.6GHz (single core, 512K L2 cache, 533MHz FSB)
Chipset	Intel 945GSE + ICH7M
Graphics	Integrated Intel Gen 3.5 graphics, up to UXGA output
Memory	2GB maximum, x 1 DDR2 SODIMM, 533/667/800MHz, 1GB / 2GB
Serial ATA	x 1, 150MB/s transfer rate
USB	x 6, USB 2.0 (x 4 external, x 2 internal)
COM	x 4(x 2 external, x 2 internal)
Audio	Realtek ALC286 audio codec, 2+2 watts amplifier
LAN	Marvell 88E8071 Gigabit Ethernet x 1
BIOS	Award BIOS, 8M 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, 160GB / 500GB
CF	x 1 IDE compact flash card socket (internal)
Expansion slot	Mini PCIe x 1

I/O & Control Keys

USB	USB 2.0 x 4
COM	DB-9 x 2 (RS232, RS232/422/485)
LAN	RJ-45 x 1, Gigabit
Power input	DC-in x 1, 12V~28V
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, universal 90~295V AC in, 12V DC out, IP67 rating
Power consumption	40 watts (typical, without any add-ons)

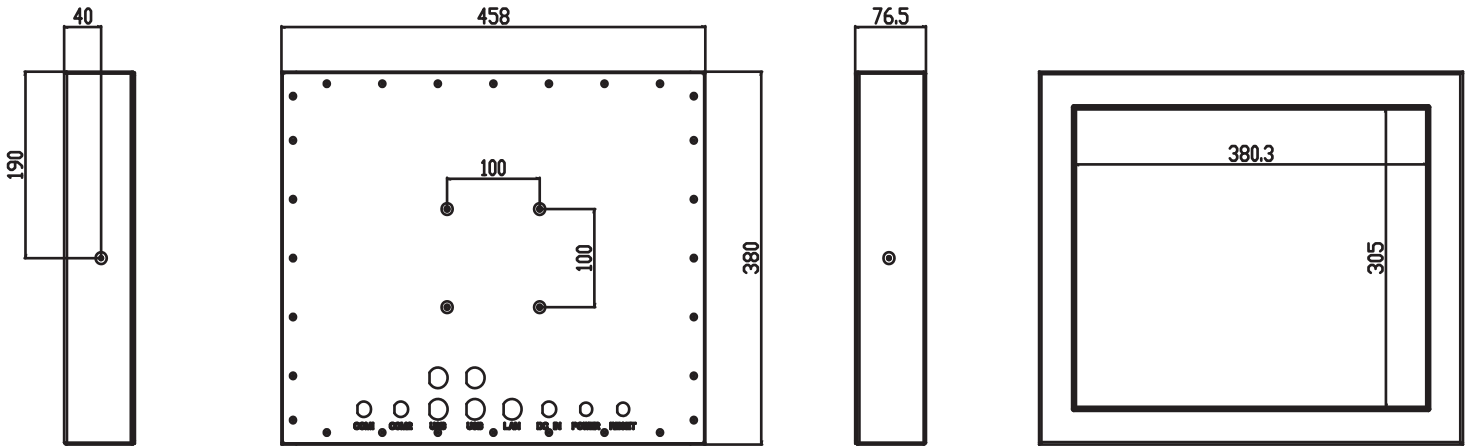
Mechanical & Environmental

Housing	Stainless steel (SUS304)
IP rating	IP65 whole set (include the I/O connectors & control keys)
Cooling	Fan x 1, variable speed smart fan design
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

I/O & Control Keys



- 1 RS232
- 2 RS232/422/485
- 3 USB x 4
- 4 Giga Lan
- 5 DC-in
- 6 Power on/off
- 7 Reset



Table Mount



Wall Mount

Ordering Information

- CPU: Atom N270 1.6G · Memory: 1G / 2G · HDD: 150G / 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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