

WTP-8865-12

Atom N270 Fanless Full IP65/NEMA4



Features

- RoHS compliance
- Fully IP65/NEMA4 water/dust proof housing and IO connectors
- Supports PCI slot and PCMCIA expansion
- Wide operating temperature range
- Sun-light Readable Display with Low Reflection Touch Panel (Optional)
- High resolution and high brightness TFT LCD Panel (Optional)
- HDD Anti-vibration mechanism
- Supports 802.11b/g Wireless Solution (Optional)
- User Friendly Bottom Control on Front Panel –CAP hot key
- Fanless Design
- Support Wincomm Remote Device Management s/w

System

CPU	Atom N270 1.6Ghz
FSB	533MHz
Chipset	Intel® 945GSE chipset + ICH7M
BIOS	Award BIOS, ACPI supported
VGA	Intel Generation 3.5 integrated GFX Core(133 MHz) on board
Audio	Realtek ALC286 Audio Codec, 2+2 watts power amplifier
LAN	Marvell 88E8071 Gigabit Ethernet x 2
Memory	One DDR2 SODIMM socket supports up to 2GB
I/O	ICH7M
Serial ATA	Port x 1 with 150 MB/s transfer rate x 1
USB	USB 2.0 ports x7 (External x4 , internal x3)
COM	External x3, internal x2
WDT	Generates system reset; 256 segments, 0, 1, 2...255 sec.

Storage

HDD	2.5" SATA HDD drive bay x 1 (with anti-vibration mechanism)
CF	1 x bootable Compact Flash slot for CF type I/II storages (Optional CF card)

Expansion

PCI x1	PCI slot x 1
PCMCIA	PCMCIA Type I/II 32-bit CardBus slot x 1
Mini-PCI	Mini-PCI-e X 1 socket

IPC Mother board external I/O

VGA	DB-15 x 1
Audio Jack	Triple (3x1) phone jack connector (Line-in, Line-out, and Mic-in)
USB	USB 2.0 x4
COM	DB-9 x 3
KB/Mouse	PS/2 Connector x2 for keyboard and mouse
LAN	J45 x2 for Gigabit Ethernet
Power	DC-In connector x 1
Switch	Reset key

IP65 main body external I/O

IP65/NEMA4 connectors x 7	Default:	a.Power x1
		b.USB x2
		c.PS2 x1
		d.COM x2
		e.LAN x1

* Front Bezel: Indicator/ Hot Key (Power Button/LCD Button// brightness +/-)

* Front LED color: Power: Green / Red: HDD accessing



Display

Size	12.1 (Standard)	12.1 (Optional)
Resolution (pixel)	SVGA (800x600)	XGA(1024x768)
Active Area (mm)	246.0 x 184.5	245.76x184.32
Pixel Pitch (mm)	0.3075x0.3075	0.240x0.240
View Angle (H/V)	160/110	120/100
Brightness (cd/m²)	400	400
Contrast Ratio	500:1	500:1
Response Time (ms) (at 25°C)	35	25

Touch

5 wire Resistive type touch panel

Top layer	PET
Surface hardness	3H
Light Transmission	>80%
Linearity	Direction X and Y <1.5%
Durability	35 million activations)

* 8 wire low reflection Resistive type (Optional)

