

WTP-8865-15

Atom N270 Full IP65/NEMA4



Features

- RoHS compliance
- Fully IP65/NEMA4 water/dust proof housing and IO connectors
- Supports PCI slot and PCMCIA expansion (Option)
- Wide operating temperature range (Option)
- IR touch screen with Anti-reflection Sun-light Readable Display and Anti-Vandalism for total Outdoor Solution
- 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
- 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 , internalx3)
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

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

Hot key function can be enable or disable in Windows

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

Panel 15.1"

Model	G150XG01 V1	LTA150B851F
Resolution (pixel)	XGA (1024 x 768)	XGA (1024 x 768)
Active Area (mm)	304.1 x 228.1	304.128(W) x 228.096(H) mm
Pixel Pitch (mm)	0.297	0.297
View Angle (H/V)	140 / 120	160/120
Brightness (cd/m ²)	350	450
Contrast Ratio	700:1	450:1
Response Time (ms) (at 25°C)	8	16
Power Consumption (W)	8.9	17.1
Life time (Hrs)	50000	50000

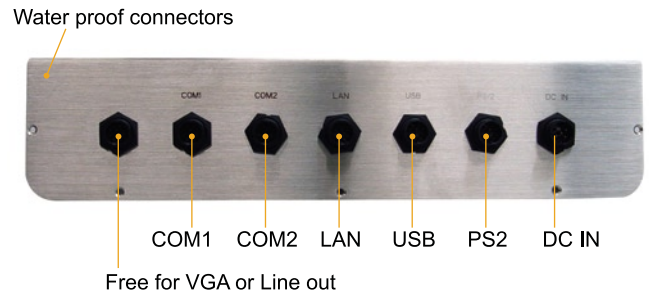
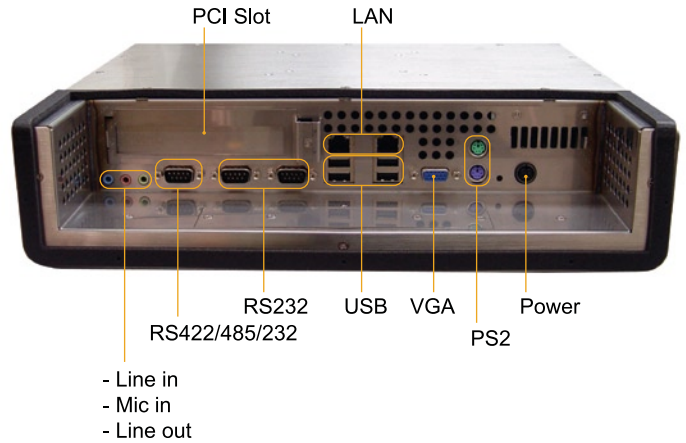
* Refer to order information table to fine implementation

Touch

Model name	AMT AD-09546	E15D03
Type	8-wire, analog resistive	IR touch
Light Transmission	73%-85%	92%-100%
Lifetime	2 million activations	500 million activations
Warranty	2 years	1 year

* Refer to order information table to fine implementation

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Mechanical & Environmental

Construction	Stainless steel enclosure
Power Input	DC12V~28V
Power Adapter	AC input 90 ~ 264V / 47 ~ 63 Hz / DC output 12V
Operation Temperature	0-40 °C for normal Hard Disk Drive -10°C ~ 55°C with wide temperature range Hard Disk Drive or Compact Flash™ Drive
Storage Temperature	-30~85°C
Operation Relative Humidity	10%~90%, non-condensing
Storage Relative Humidity	10%~90%, non-condensing
Dimensions	358*395*92.5 mm
Weight	10 kg
Mounting	VESA Mount 75/100
Kensington lock hole	
Shock	Operating: 15g/0.53 oz, 11 ms, half sine wave Non-operating: 50g/1.76 oz, 11 ms, half sine wave
Vibration	Operating: 5 ~ 17 Hz , Amplitude : 0.1" 17 ~ 500Hz , Acceleration : 1.0G 17 ~ 500Hz , Acceleration : 2.0G(W/Industry HDD) Non-operating: 10~55Hz/0.15g, 55~500Hz/2.0g (IST)
Drop test w/ packing	3 Feet height free drop still survive, (test surface: concrete, base unit only)

Options

1. Wireless LAN Mini PCI e11b/g
2. LPT <MB design in>

Ordering information

1. WTP-8865-15 N2701.6G-512-80GB-350 nits RES
2. WTP-8865-15 N2701.6G-512-80GB-350-nits IR
3. WTP-8865-15 N2701.6G-512-80GB-450 nits IR-A/R
4. WTP-8865-15 N2701.6G-512-80GB-450 nits IR-A/R-WT