

WTP-8865-150

15" Intel Atom Full IP65 Outdoor Panel PC



Features

- Outdoor application dedicated design
- Whole set IP65 protection enclosure
- Wide temperature operation for -25-55°C
- 1,600 nits optical bonding sunlight readable 15" LCD Panel
- Resistive touch panel w/ anti UV treatment
- Dedicated heater design for cold weather operation
- Smart thermal control w/ variable fan speed
- Auto brightness control for LCD display
- Intel Atom N270 platform w/ min-PCI-e expansion (wireless)
- Unique design for the prevention of moisture condensation

System

CPU	Atom N270 1.6G
FSB	533MHz
Chipset	Intel® 945GSE chipset + ICH7M
BIOS	Award BIOS, ACPI supported
VGA	Integrated Intel Graphics Media Accelerator(GMA) 950
Audio	Realtek ALC286 Audio Codec, 2+2 watts power amplifier
LAN	Marvell 88E8071 Gigabit Ethernet x 2 (connector x1 is default)
Memory	One DDR2 SODIMM socket supports up to 2GB
I/O	ICH7M
SATA	1.5Gb/s transfer rate x 2
USB	USB 2.0, external connector *4 and internal pin*1 on MB
COM	RS232 connector x2 on MB RS232/422/485 connector x1 on MB RS232 pin x 1 on MB
WDT	Generates system reset; 256 segments
Auto Control	Smart temperature control (heater and smart fan control)

LCD Panel

Size	15"
Resolution	1024 x 768
Luminance	1,600 cd/m²
Optical Bonding	1mm thickness, > 95% transmission
LCD Surface Treatment	Hard coating (3H), Anti-glare treatment
Number of Colors	16.7M
Viewing Angel(CR>10)	•Horizontal: 160°(typ.) •Vertical: 140°(typ.)
Contrast Ratio	600:1
Response Time(ms)	8 ms
LED Lamp Life	70k hours

Touch Panel

- Resistive 5 wires
- Anti UV treatment at outside surface
- 7 H pencil hardness at outside surface

I/O Connectors

On mother board

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
LAN	RJ-45 x1 for Gigabit Ethernet

External I/O connectors

USB 2.0 x2
Gigabit Ethernet LAN x1
Power 12VDC in x 1
Power Switch x 1

Expansion

On Mother board

PCIe mini card	x1
CF	bootable type I/II Compact Flash x1

Power

Power	DC-In connector x 1 (external connector on chassis)
Power Input	DC 12V

Power Adapter

1. AC 90 ~ 264V / 47 ~ 63 Hz / DC input 12V
2. AC adapter power cable length is 1.2 meter

LED status indicator

1. System power on green
2. SSD accessing: orange
3. Heater on: red

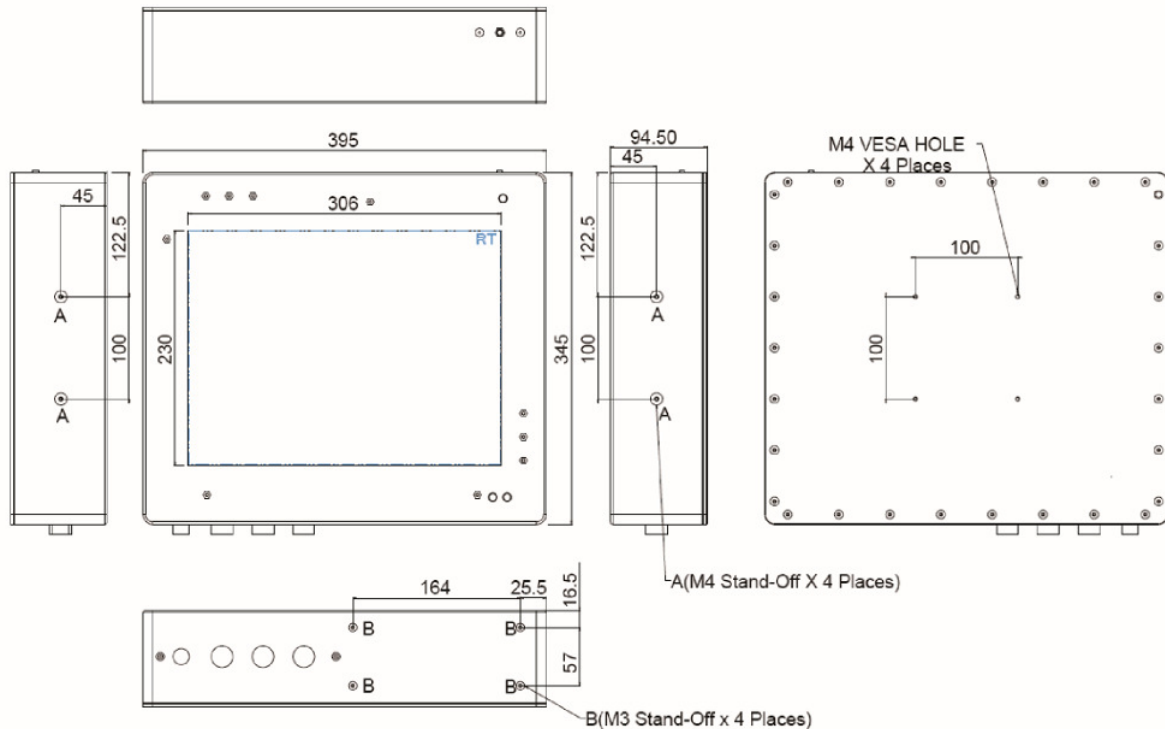
Mechanical & Environmental

Construction	black, powder coating, anti corrosion
Operation Temperature	-25-55°C (standard) / 0-55°C (option)
Storage Temperature	-30~80 °C
Operation Relative Humidity	10%~100%
Storage Relative Humidity	10%~100%
Dimensions	395x345x94.5 mm (W) x mm (H) x mm (D)
Net Weight	9Kg
Gross Weight	12.5 Kg
Mounting	VESA Mount 100x100 (mmxmm)
Noise	Under 35dB
Regulations	FCC-A, CE (EMC), VCCI

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Drawing



Optional Accessories

- . Wireless kit (Mini PCI-e wireless card)
- . USB Cable with Waterproof : the length of cable is 2 M
- . LAN Cable with Waterproof : the length of cable is 2 M

Ordering Information

WTP-8865-15ORGF0; N270 1.6G CPU -512M RAM-8G SSD , -25~55°C operation temp
WTP-8865-15ORHF0; N270 1.6G CPU -512M RAM-8G SSD , 0~55°C operation temp



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April 21, 2011

Assured Systems

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