

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/m ² |
| 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

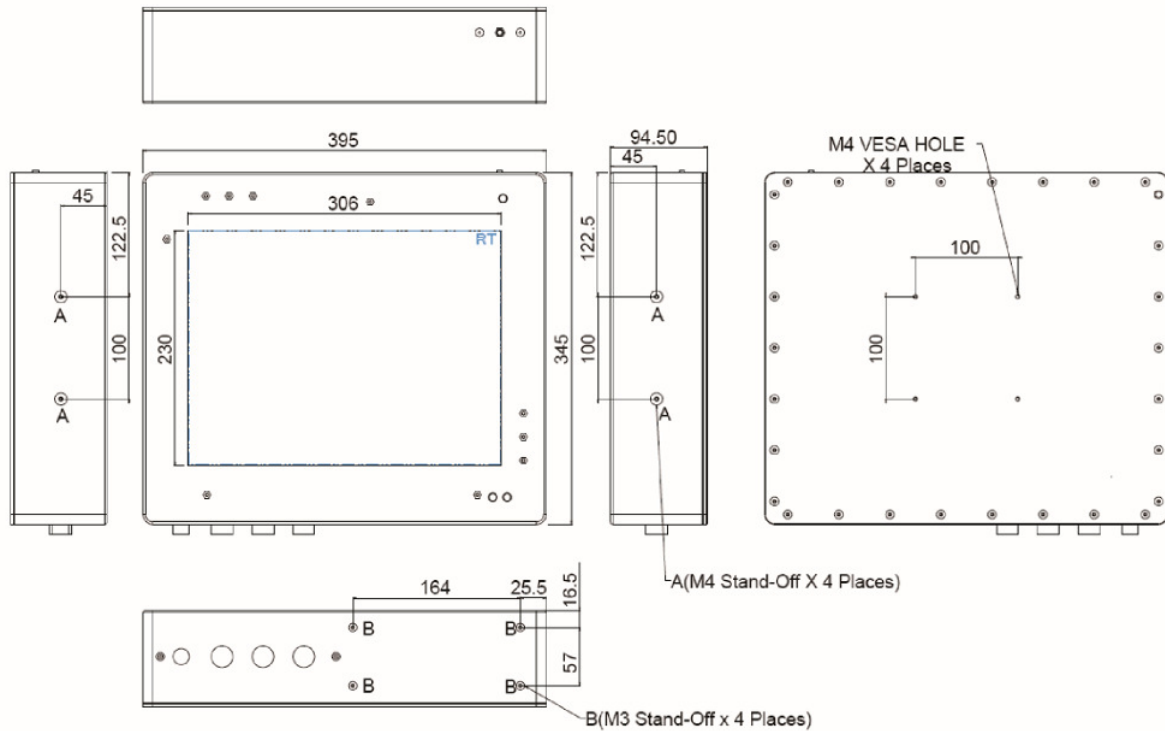
Mechanical & Environmental

| | |
|-----------------------------|---------------------------------------|
| 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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