

# Unique Designed for Drive Thru Manual Application:



## Model: WPCP1500AT-IP

Full NEMA4/IP65 All Weather Proof 15" Industrial LCD Intel Atom 1.6G, 2GBMax, All-in-One PC with Rugged Sunlight Readable Resistive Touch Screen 1024 x 768, And extreme Bright 1000 nits LED LCD with optical bonding. Wide temperature operation for -25~55 °C. Power Consumption 80W. 395 x 345 x 94.5 mm, 20lbs Optional Heater and Wireless

### 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:

<b>CPU</b>	AtomN270 1.6G
<b>FSB</b>	533MHz
<b>Chipset</b>	Intel® 945GSE chipset + ICH7M
<b>BIOS</b>	Award BIOS, ACPI supported
<b>VGA</b>	Integrated Intel Graphics Media Accelerator(GMA) 950
<b>Audio</b>	Realtek ALC286 Audio Codec, 2+2 watts power amplifier
<b>LAN</b>	Marvell 88E8071 Gigabit Ethernet x 2 (connector x1 is default)
<b>Memory</b>	One DDR2 SODIMM socket supports up to 2GB
<b>I/O</b>	ICH7M
<b>SATA</b>	1.5GB/s transfer rate x 2
<b>USB</b>	USB 2.0, external connector *4 and internal pin*1 on MB
<b>COM</b>	RS232 connector x2 on MB RS232/422/485 connector x1 on MB RS232 pin x 1 on MB
<b>WDT</b>	Generates system reset; 256 segments
<b>AutoControl</b>	Smart temperature control (heater and smart fan control)

### Power

<b>Power</b>	DC-In connector x 1 (external connector on chassis)
<b>Power Input</b>	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. HDD accessing: orange
3. Heater on: red

### Touch Panel

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

### I/O Connectors

#### On mother board

<b>VGA</b>	DB-15x1
<b>Audio Jack</b>	Triple (3x1) phone Jack connector (Line-in, Line-out, and Mic-in)
<b>USB</b>	USB 2.0 x4
<b>COM</b>	DB-9x3
<b>LAN</b>	RJ-45x1 for Gigabit Ethernet

#### External I/O connectors

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

### Expansion

#### On mother board

<b>PCIe mini card</b>	x1
<b>CF</b>	bootable type I/K Compact Flash x1

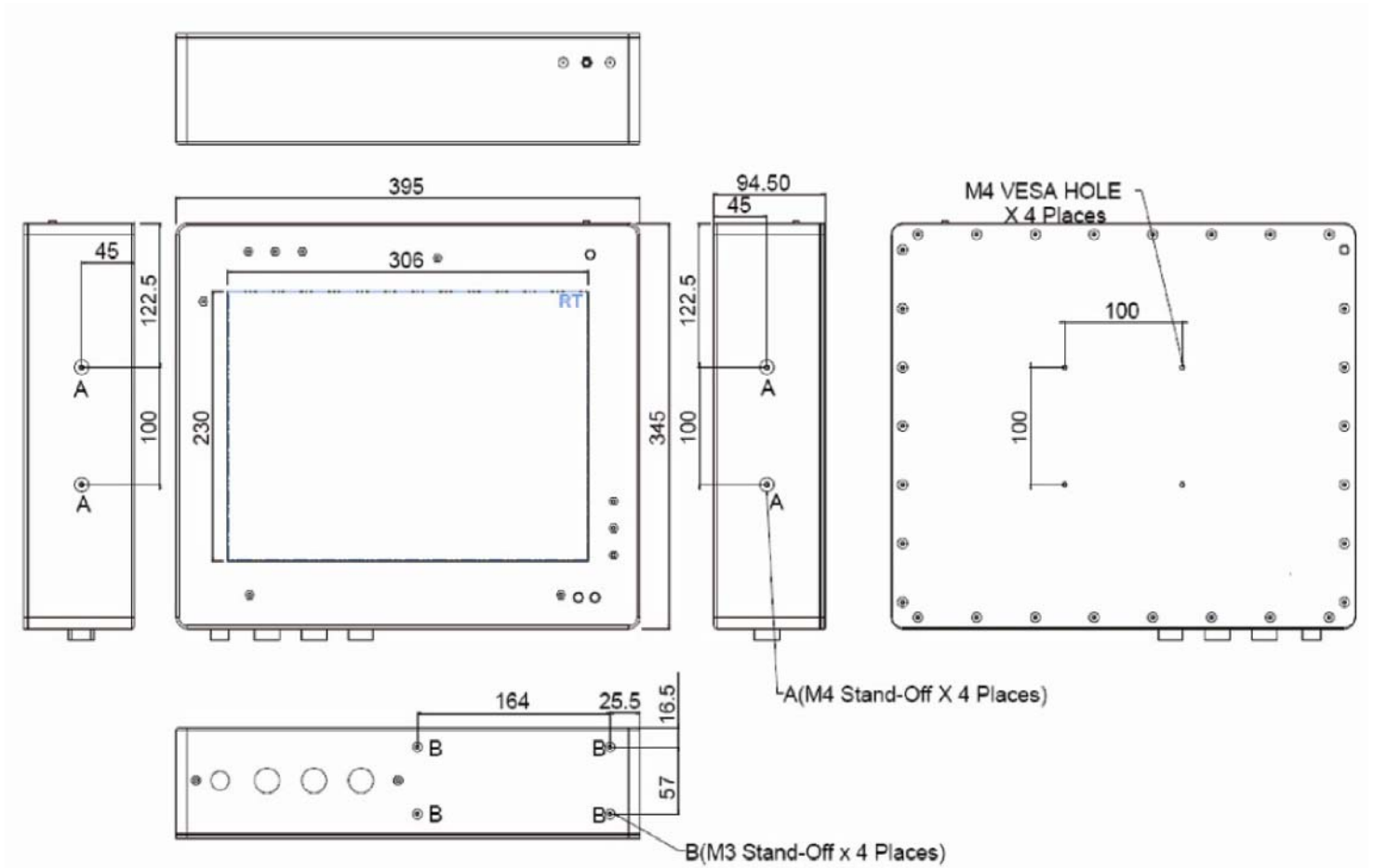
### Mechanical and Environment:

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

### LCD Panel

<b>PCIe mini card</b>	x1
<b>Resolution</b>	1024x768
<b>Luminance</b>	1,600 cd/m <sup>2</sup>
<b>Optical Bonding</b>	1mm thickness, > 95% transmission
<b>LCD Surface Treatment</b>	Hard coating (3H), Anti-glare treatment
<b>Number of Colors</b>	16.7M
<b>Viewing Angel(CR&gt;10)</b>	•Horizontal: 160°(typ.) -Vertical: 140°(typ.) 600:1
<b>Contrast Ratio</b>	600:1
<b>Response Time(ms)</b>	8 ms
<b>LED Lamp Life</b>	70k hours





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