

WCHPC1500A-OIP

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

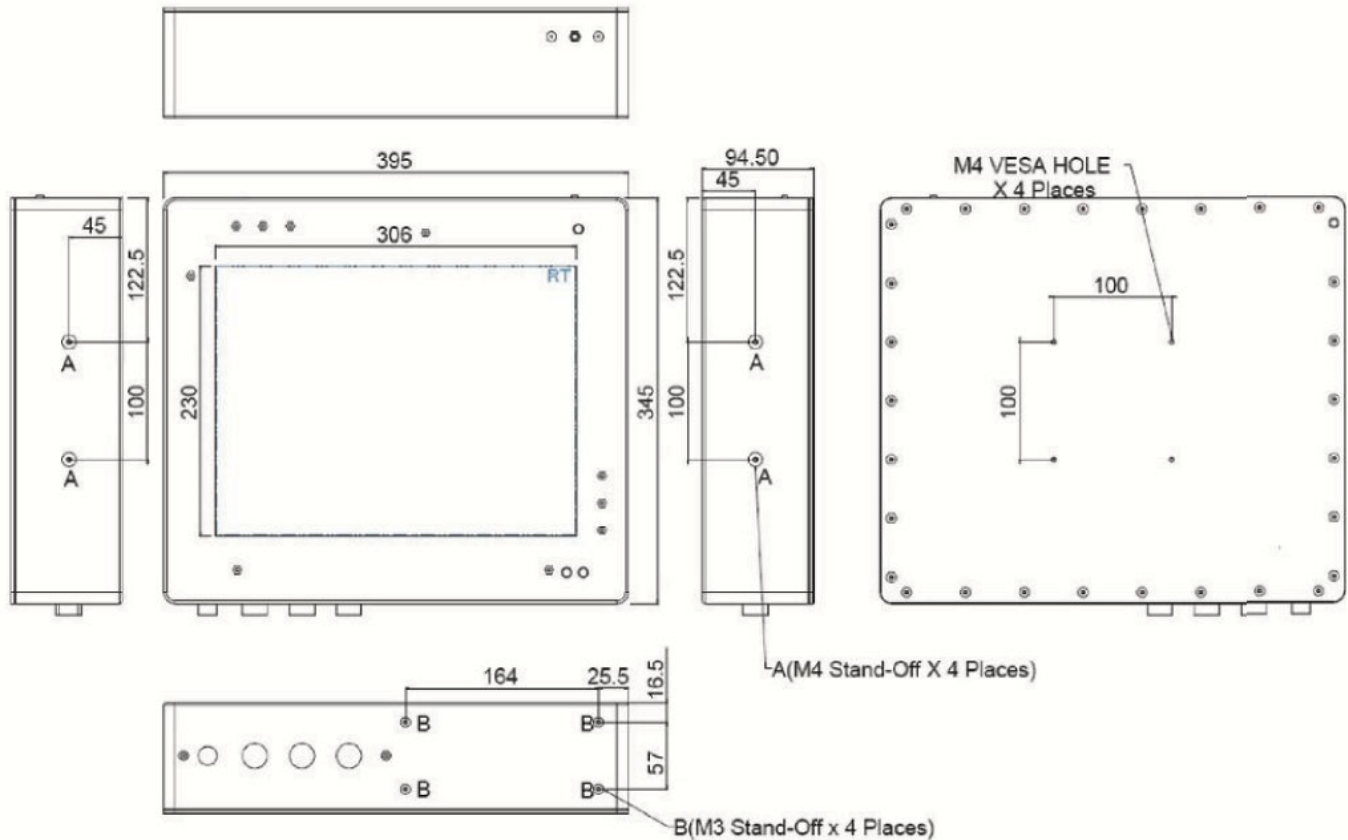
System		Expansion	
CPU	AtomN270 1.6G	On mother board	
FSB	533MHz	PCIe mini card	x1
Chipset	Inter@ 945GSE chipset + ICH7M	CF	bootable type i / II Compact Flash x I
BIOS	Award BIOS, ACPI supported	I/O Connectors	
VGA	Integrated Intel Graphics Media Accelerator(GMA) 950	On mother board	
Audio	Realtek ALC286 Audio Codec, 2+2 watts power amplifier	VGA	DB-15x1
LAN	Marvell 88E8071 Gigabit Ethernet x 2 (connector x1 is default)	Audio Jack	Triple (3x1) phone jack connector (Line-in, Line-out, and Mic-in)
Memory	One DDR2 SODIMM socket supports up to 2GB	USB	USB 2.0x4
I/O	ICH7M	COM	DB-9x3
SATA	1.5Gb/s transfer rate x 2	LAN	RJ45 x2 for Gigabit Ethernet
USB	USB 2.0, external connector *4 and internal pin*1 on MB	External I/O	
COM	RS232 connector x2 on MB RS232/422/485 connector x1 on MB RS232 pin x 1 on MB	USB 2.0 x2 Gigabit Ethernet LAN x1 Power 12VDC in x 1 Power Switch x1	
WDT	Generates system reset; 256 segments	Power	
Auto Control	Smart temperature control (heater and smart fan control)	Power	DC-In connector x 1 (external connector on chassis) DC 12V
LCD Panel		Power Input	
Size	15"	Power Adapter	1. AC 90 - 264V / 47 - 63 Hz / DC input 12V 2. AC adapter power cable length is 1.2 meter
Luminance	1,600 cd/m2	LED status indicator	1. System power on green 2. HDD accessing: orange 3. Heater on: red
Optical Bonding	1 mm thickness, > 95% transmission	Mechanical & Environmental	
LCD Surface Treatment	Hard coating (3H), Anti-glare treatment	Construction	black, powder coating, anti corrosion
Number of Colors	16.7M	Operation Temperature	-25-55°C (standard) / 0- 55°C (option)
Viewing Angel(CR>10)	•Horizontal: 160°(typ.) •Vertical: 140°(typ.)	Storage Temperature	-30-80 °C
Contrast Ratio	600:1	Operation Relative Humidity	10%-100%
Response Time (ms)	8 ms	Storage Relative Humidity	10%~100%
LED Lamp Life	70k hours	Dimensions	395x345x945 mm (W) x mm (H) x mm (D)
Touch Panel		Net Weight	9 Kg
■ Resistive 5 wires		Gross Weight	12.5 Kg
■ Anti UV treatment at outside surface		Mounting	VESA Mount 100x100 (mmxmm)
■ 7 H pencil hardness at outside surface		Noise	Under 35dB
		Regulations	FCC-A, CE (EMC), VCCI



WCHPC1500A-OIP

15" Intel Atom Full IP65 Outdoor Panel PC

MECHANICAL 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



i-Tech Company LLC

TOLL FREE: (888) 483-2418 • EMAIL: info@iTechLCD.com • WEB: www.iTechLCD.com