

WTP-8865-12

Atom N270 Full IP65/NEMA4



Features

- RoHS compliance
- Supports PCI Slot (Optional)
- PCMCIA drive Easy to install (Optional)
- Wide operating temperature range
- Sun-light Readable Display with Low Reflection Touch Panel(Optional)
- High resolution and high brightness Panel (Optional)
- HDD Anti-vibration mechanism
- Supports 802.11b/g Wireless Solution (Optional)
- User Friendly Bottom Control on Front Panel

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	7 USB 2.0 ports (External *4 ,internal*3)
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)
DOM	44PIN 180D x 1 (PCI card and DOM can't be in machine at the same time)

Expansion

PCI x1	PCI slot x 1
PCMCIA	PCMCIA Type I/II 32-bit CardBus slot x 1 (Optional)
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(External*3 internal *2)
KB/Mouse	PS/2 Connector x2 for keyboard/mouse
LAN	J45 x2 for Gigabit Ethernet

Power

Power	DC-In connector x 1
Front Bezel	Indicator/ Hot Key (Power Button//LCD Button// brightness +/-)
Front LED color	Power: Green / Red: HDD accessing
Power Input	DC12V~28V
Power Adapter	AC 90 ~ 264V / 47 ~ 63 Hz / DC input 12V

Display

Size	12.1	12.1
Resolution (pixel)	SVGA (800x600)	XGA(1024x768)
Active Area (mm)	246.0 x 184.5	245.76x184.32
Pixel Pitch (mm)	0.3075x0.3075	0.240x0.240
View Angle (H/V)	160/110	120/100
Brightness (cd/m ²)	400	400
Contrast Ratio	500:1	500:1
Response Time (ms) (at 25°C)	35	25
LCD Life time (hrs)	50000	60000

Touch

5 wire Resistive type (35 million activations)	
8 wire low reflection Resistive type	
Top layer	PET
Surface hardness	3H
Light Transmission	>80%
Linearity	Direction X and Y <1.5%
Durability	35 million activations)

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

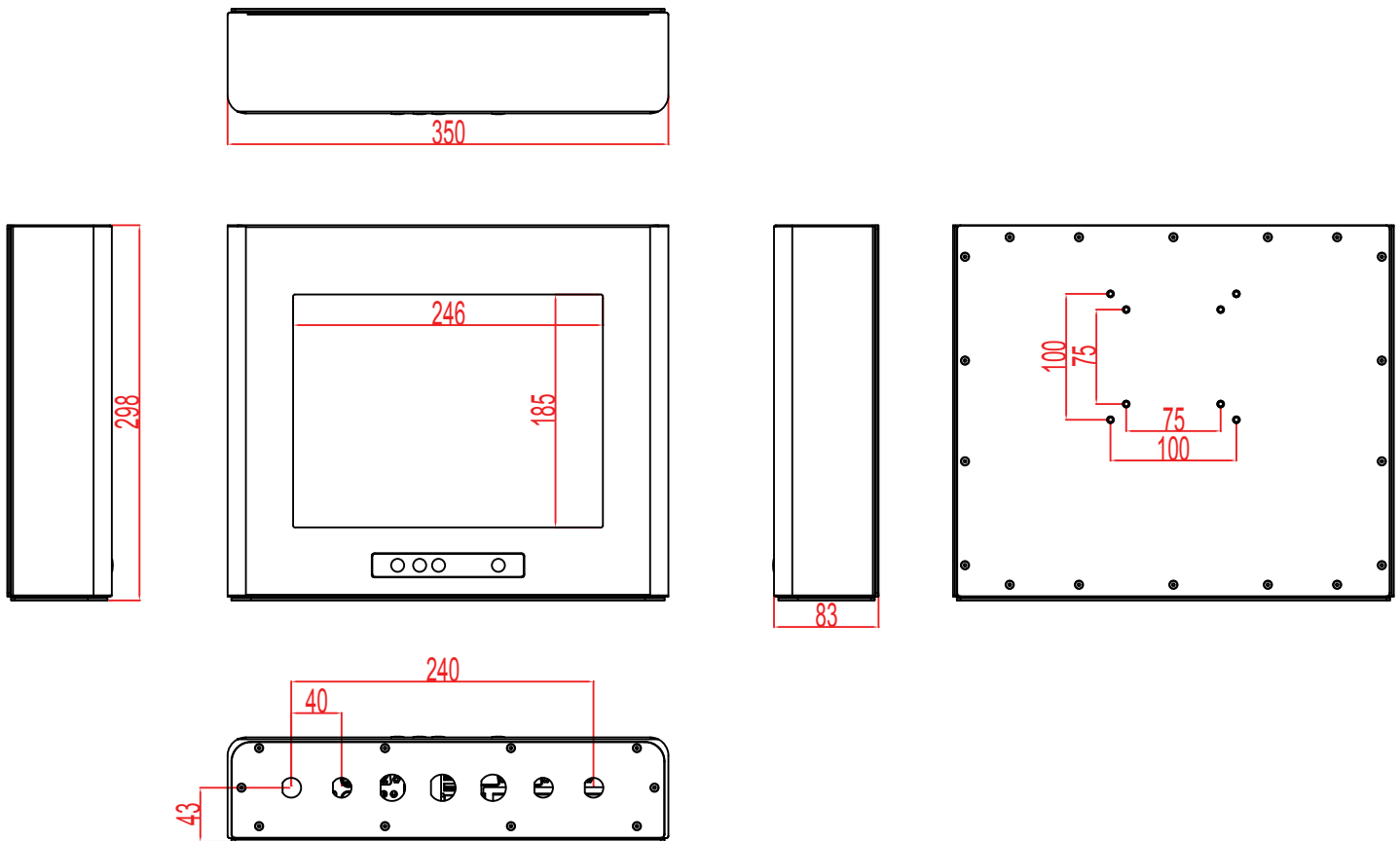
* Front Bezel: Indicator/ Hot Key (Power Button//LCD Button// brightness +/-)

* Front LED color: Power: Green / Red: HDD accessing



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Drawing



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 -20°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	350x298x83 mm
Weight	7.2 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
Drop test w/ packing	3 feet height free drop

Options

1. Resolution	1024x768 TFT LCD Panel
2. Sunlight readable Low reflection touch screen	
3. Wireless LAN	MiniPCIe 802.11b/g

Ordering information

1. WTP-8865-1.6G-512-80GB-SVGA
2. WTP-8865-1.6G-512-80GB-SVGA-L/R
3. WTP-8865-1.6G-512-80GB-XGA
4. WTP-8865-1.6G-512-80GB-SVGA – Wide Temp
5. WTP-8865-1.6G-512-80GB-SVGA-L/R –Wide Temp
6. WTP-8865-1.6G-512-80GB-XGA – Wide Temp