

Atom N270 Full IP65 / NEMA4

Model: WPC-1500IP-N270



Features:

- RoHS compliance
- Slim, Rugged, Sealing Enclosure with All sides of IP65 Certified
- Wide operating temperature range
- High brightness Panel (Optional)
- IR touch screen with Anti-reflection, Sun-light Readable Display and Anti-Vandalism
- User Friendly Bottom Control on Front Bezel
- HDD Anti-vibration mechanism
- Supports 802.11b/g Wireless Solution (Optional)
- Supports PCI Slot (Optional)
- PCMCIA drive Easy to install (Optional)

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
LAN	Marvell 88E8071 Gigabit Ethernet x 2
Memory	One DDR2 SODIMM socket supports up to 2GB
I/O	ICH7M
Serial ATA	Supports 2 ports
Audio	Port x 1 with 150 MB/s transfer rate x 1
WDT	Generates system reset; 256 segments, 0, 1, 2...255 sec.
USB	7 USB 2.0 ports (External x4, internal x3)
COM	External x3, internal x2
Hot key	Function can be Enable/Disable in Windows

Panel

Panel 15.1"		
Model	G150XG01 V1	LTA150B851F
Resolution (pixel)	XGA (1024 x 768)	XGA (1024 x 768)
Active Area (mm)	304.1 x 228.1	304.128(W) x 228.096(H) mm
Pixel Pitch (mm)	0.297	0.297
View Angle (H/V)	140 / 120	160/120
Brightness (cd/m ²)	350	450
Contrast Ratio	700:1	450:1
Response Time (ms) (at 25°C)	8	16
Power Consumption (W)	8.9	17.1
Life time (Hrs)	50000	50000

Touch

Type	5-wire, analog resistive	IR touch
Light Transmission	73%-85%	92%-100%
Lifetime	36 million activations	500 million activations
Warranty	3 years	1 year

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)

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

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

Power

Power	DC-In connector x 1
In Front Bezel Control	Power Button On/Off LCD Button On/Off Brightness Up/Down
LED indicator	Green Power On/off Red: HDD status
Power Input	DC12V~28V
Power Adapter	AC 90 ~ 264V / 47 ~ 63 Hz / DC input 12V

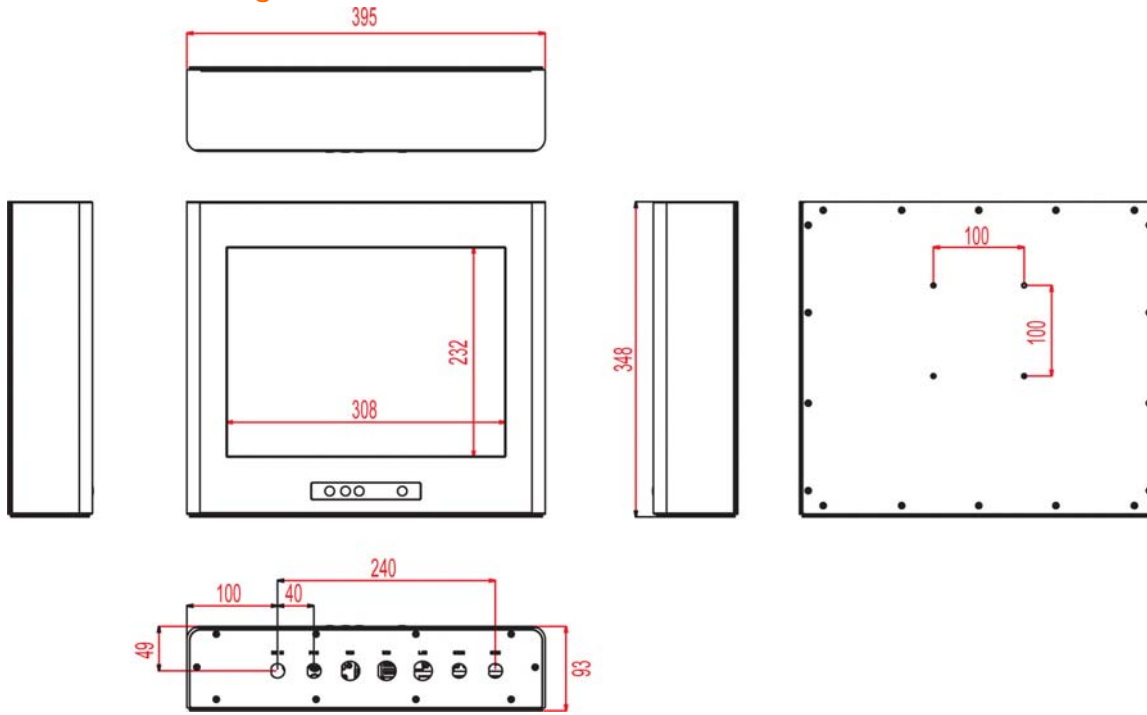
IP65 main body external I/O

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



Mechanical Drawing:



Mechanical and Environment

Construction	Stainless steel-SUS316 enclosure <besides hot key section>
Operation Temperature	0-40 °C (Airtight) -20°C ~ 55°C with wide temperature range Hard Disk Drive or Compact Flash™ Drive
Storage Temperature	-20°C ~ 65°C
Operation Relative Humidity	10%-90%, non-condensing
Storage Relative Humidity	10%-90%, non-condensing
Dimensions	395*348*93
Net Weight	10 KG (W/RES touch)
Gross Weight	13 kg
Mounting	VESA Mount 100 x 100
Noise	Under 35dB



Ordering Information

1. WPC-1500IP-N270-RT- N2701.6G-512-160GB-350 nits RES
2. WPC-1500IP-N270-IR- N2701.6G-512-160GB-350-nits IR
3. WPC-1500IP-N270-IRAR- N2701.6G-512-80GB-450 nits IR-A/R