

Fanless & Slim Panel PC

Fanless 10.4" Industrial Panel Resistive-type Touch Screen PC Resolution 800 x 600, 230 nits Fanless Panel PC w/ Atom D525 1.8G, 1GB Memory, 160GB HD, USB 2.0 x 3, DB-9 x 3, RJ-45 x 1, VGA output x 1

Model: WPC1000V2-TR-B



Features:

- Low Power and True Fan less Thermal Solution
- IP66/NEMA4X Water/Dust Proof Front Bezel
- Built in HDD Anti-vibration Module
- Giga LAN / Mini-PCI-E / VGA/Audio / USB2.0/COM interfaces
- RoHS compliance
- Support Windows XP, Windows 7
- Support RS485 auto flow control function



Specifications:

System	
CPU	Atom D525 1.8G
FSB	800MHz
Chipset	South bridge: Intel® ICH8M
Graphic	Analog CRT up to 2048x1536, support for CRT hot plug **18/24-bit single/dual-channel LVDS by Xilinx XC3S200AN, resolution support up to 800x600, 1024x768, 1280x1024, 1920x1080**
Audio	Realtek ALC268 Audio Codec, 2+2 watts power amplifier
LAN	Marvell 88E8071 Gigabit Ethernet x 1
Memory	Single Channel, two DDR3 SODIMM socket support up to 4GB
I/O	Intel® ICH8M
Serial ATA	SATA II controller (3.0Gb/sec) Port x 2
Serial port	RS232/422/485 x 1 (Support RS485 Auto flow control). RS232 x 1 (Reserve layout for internal RS232 x 4 => one at I/O bottom, three with internal pin head)
USB	External USB 2.0 type A x 3 Internal Mini-PCI-E x 1 (for Wifi) 3.3V socket x 2 (for Blue tooth) 5V Pin Head to expansion x 2
WDT	Generates system reset; 256 segments, 0, 1, 2...255 sec.

LCD Panel	
Size	10.4"
Resolution (pixel)	SVGA (800 x 600)
Number of Colors	262K
View Angle (H/V)	R/L 130(Typ.), UD110(Typ.)
Brightness (cd/m2)	230nit
Contrast Ratio	400:1
Backlight	CCFL

Touch Panel		
Type	5 wire RES	3M CAP
Glove	Any type glove	Need special conductive stylus
Stylus use (besides finger)	No Limitation, can use any stylus	Only very thin latex glove
Interface	USB	COM Port
Light Transmission	80±3%	91.5%
Resolution	4096x4096	4096X4096
Lifetime	36 million activations	200 million touches

Storage

HDD 2.5" SATA HDD drive bay x 1
SATA DOM 2nd SATA connector pin7 with VCC_(+5V)

Expansion slots

Mini-PCIe 52 pin card-edge type x 1 support half/full size (for WLAN module)

External I/O

USB USB 2.0 x 3
COM DB-9 x 3 (RS232/422/485 x 1, RS232 x 2)
LAN RJ-45 x 1 (Gigabit Ethernet)
Audio 3.5mm phone jack connector * 2 (Line-out, and Mic-in)
VGA output DB-15 x 1

Power

Power Cable DC-In connector x 1 (Jack with locker)
Switch Reset key
LED indicator on Aluminum bezel Green: power On/Off
Red: HDD status
Power Input DC12V~28V
Power Adapter AC 90 ~ 264V / 47 ~ 63 Hz / DC output 12V

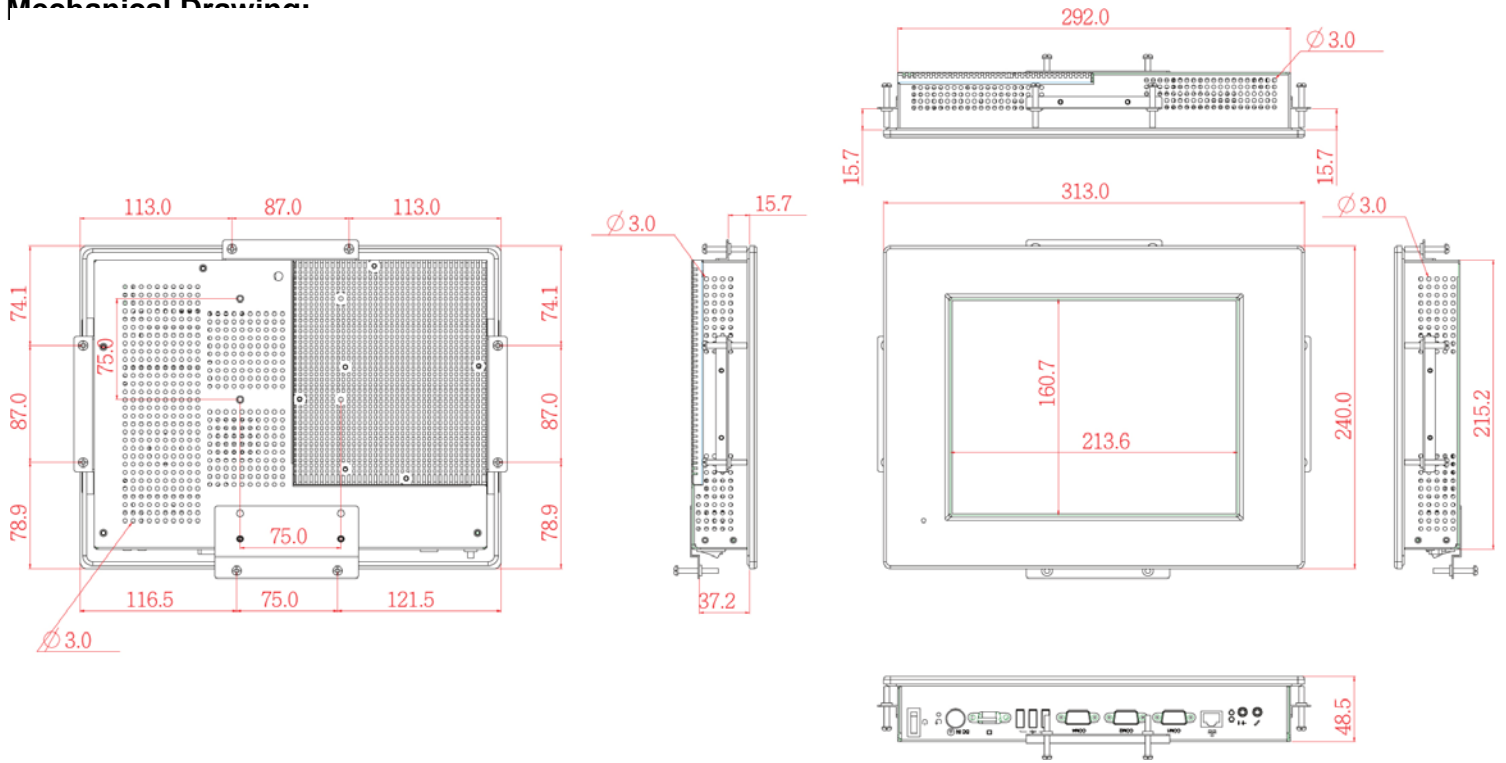
Mechanical & Environmental

Material construction Front bezel is Aluminum or SECC, others are SECC enclosure
Aluminum bezel Color Black/Silver
Front Panel Protection IP66/NEMA4X
ID design Panel mount
Open frame
Operation Temperature 12V DC Input 0~50 (IEC60068-2-56, air flow cooling)
Storage Temperature -20~65
Operation Relative Humidity 10%~90%, non-condensing
Storage Relative Humidity 10%~90%, non-condensing
Dimensions Panel mount:313x 240 x 49 mm
Net Weight 3.8KG
Mounting Panel mount/VESA (75x75)

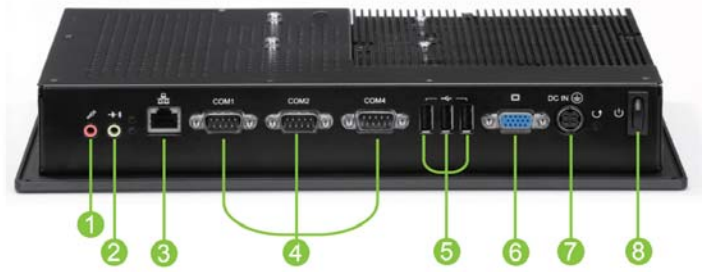
Regulatory

FCC-A, CE (EMC), VCCI, UL/cUL

Mechanical Drawing



Fully-integrated I/O



- | | |
|------------|----------------|
| 1 Mic in | 5 USB 2.0 |
| 2 Line out | 6 VGA |
| 3 LAN | 7 DC Power |
| 4 COM | 8 Power Switch |

Options

Wireless kit (Mini PCI-e wireless card VIA VNT6656GEV00)