



## Features

- 21.5" Industrial Compact Size Panel PC
- Flat front panel touch screen
- Fanless design
- Intel Atom D2550 1.86GHz CPU built-in
- Onboard 4GB DDR III 800 MHz
- 9~36VDC wide-ranging power input
- IP65 compliant front panel
- Optional projected capacitive touchscreen support 7H anti-scratch surface

## Specifications

System	
CPU	Onboard Intel Atom Cedar View D2550 1.86GHz Dual Core Processors
System Chipset	Intel NM10 Express Chipset
System Memory	Onboard 4GB DDR III 800 MHz

IO Port	
USB	2 x USB 2.0 type A
Serial/Parallel	1 x RS-232 DB-9 1 x DB-9 RS-232/422/485 (Default RS-232)
Audio	1 x Audio Line Out
LAN	2 x GbE RJ-45
Power	1 x 3-pin DC Power input terminal 1 x 2-pin power switch
LED light	1 x Power LED Light
Option	2 x RS-232 DB-9 + 1 x Mini-PCIe slot via TB-528C2ME1 2 x CAN bus via TB-528CAN2 2 x USB 2.0 type A + 1xRS-232 DB-9 + 1 x Power button via TB-528C1U2P1 2 x USB 2.0 type A + via TB-528U2

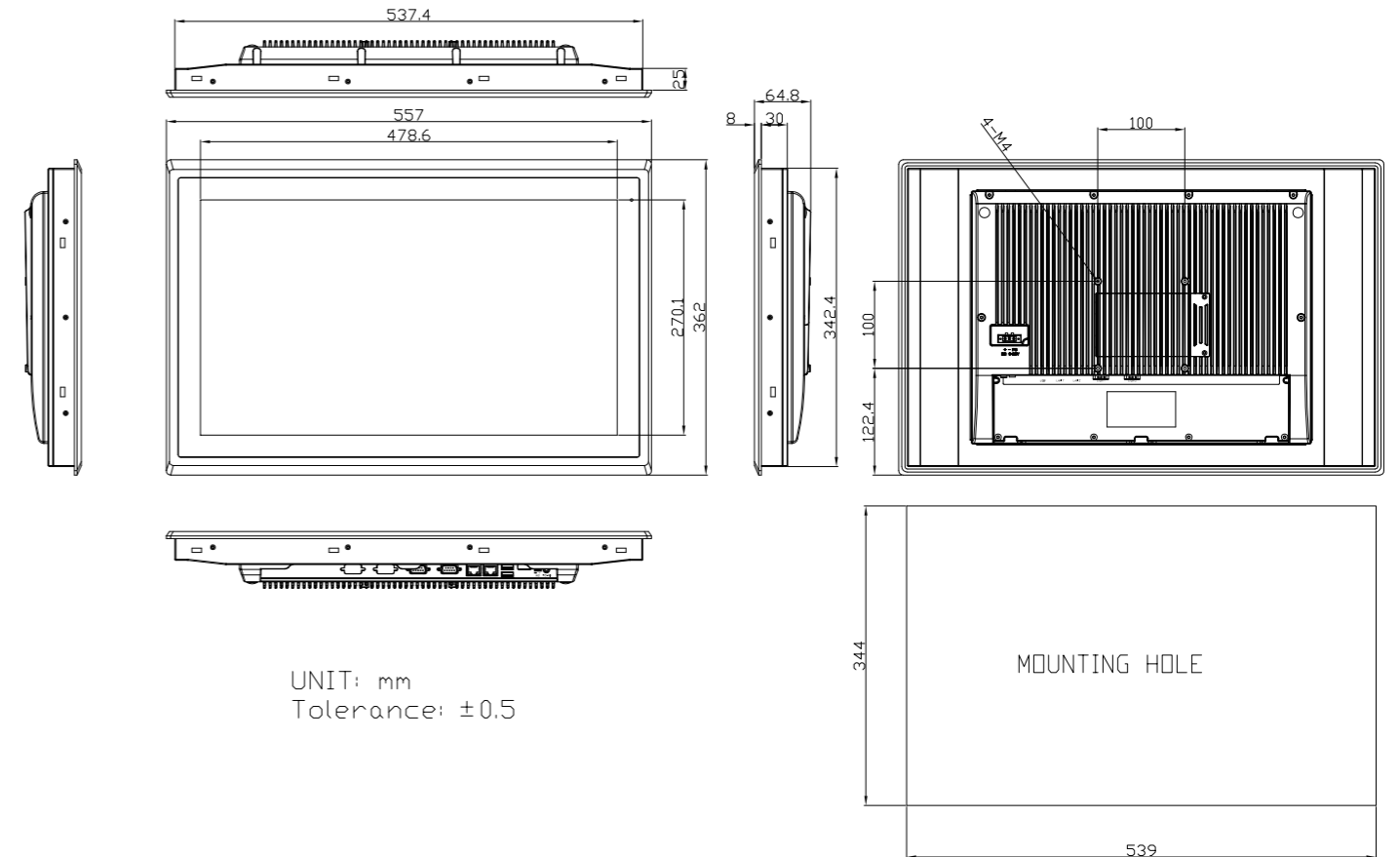
Storage Space	
HDD	1 x 2.5" SATA HDD bay for SATA HDD (Easy Accessible)
Movable device	1 x SD card slot, up to 32GB

Display	
Display Type	21.5" TFT-LCD
Max. Resolution	1920 x 1080
Max. Color	16.7M
Luminance (cd/m <sup>2</sup> )	250
Contrast Ratio	3000:1
View angle(H°/V°)	H:178° / V:178°
Backlight Lifetime	30,000 (hrs)

Touch screen	
Type	Resistive Touch / Projected Capacitive Touch (for P model)
Interface	USB
Light Transmission(%)	80% / 90% (for P model)

Expansion	
Expansion Slot	1 x Internal Mini-PCIe half size

## Dimensions



Power	
Power Input	9~36V DC
Power Consumption	38.8 W

Mechanical	
Construction	Sliver aluminum front bezel and chassis
IP Rating	IP65 front panel
Mounting	Panel mounting, VESA 100 x 100
Dimensions (WxHxD)	557mm x 362mm x 64.8mm
Net Weight (Kgs)	7.8

Environmental	
Operating Temperature	0~50°C
Storage Temperature	-20~60°C
Storage Humidity	10 to 90%@ 40°C, non-condensing
Certificate	CE / FCC Class A / UL

Operating System Support	
Windows 32-bit XP Pro, Windows 7 32-bit, Windows CE 6.0, Fedora 14	