

# P1288C-MT

Fanless Panel PC for Core i-3/ 5 /i7 CPU  
Multi Touch 12" all in one Panel PC with Mini PCIe

Fanless High Performance 10 points Multi Touch



**ALPTECH**  
Computer for Industry

## Features

- 12" Panel PC with no Fan
- 6th/7th. Gen. Intel® Core I-3/ 5/ 7 CPU
- 12" 1024 x 768 SXGA Color TFT LCD Display
- Rack Chassis Mounting / VESA Mounting
- 10 points PCT Multi Touch, capacitive
- Intel HD Graphics, HD 520/HD630, Support DirectX 11



## System

**CPU** 6th./7th Gen.Intel® Core I-3 / 5 / 7 CPU  
ULT CPU 15 Watt only

**Memory** 1 x 204-pin DDR4 SO-DIMM Socket up to 16GB  
at 2133 MHz

**Chipset** Skylake ULT Intel SoC

**LAN** 2 x Intel G-LAN ( i219LM PCIe, 210AT PCIe )

**Watchdog Timer** 1~255 levels reset

## Storage

**HDD/Type** 1 x 2.5" drive bay + 1x mSATA,

**Flash Disk** 1 x Nano SIM Holder

## LCD Display

**Size/Type** 12" TFT LCD, 4:3

**Resolution** 1024 x 768, SXGA

**Pixel Pitch** 0.264 x 0.264 mm

**Max. Colors** 16M (24-bit)

**Luminance** 450 cd/m<sup>2</sup>

## Touch Screen

**Type** 10 points PCT Multi Touch, capacitive

**Resolution** 1024x 768

**Light Transparency** 87%

**Interface** USB Interface

## Power

**Requirement** DC 12 ~ 24V / AC 110-230V

**Consumption** ca. 29 Watt with Core i5-6200U, 4GB RAM

**Rating** NEMA 4 / IP65 Compliant Bezel

**Certificate** Meet CE / FCC Class A

## Operation System

Windows 7 32 / 64 Bit  
Windows 8.1 32 / 64 Bit  
Windows 10 32 / 64 Bit  
Linux Ubuntu 13.04, Fedora 19

## I/O

**Serial Port** 1 x RS-232 ( RS-422/485 optional)

**USB Port** Rear I/O: 4 x USB 3.0 + 2 x USB 2.0 Ports

**KB/MS** USB Keyboard and Mouse

**LAN** 2 x G-LAN, RJ-45

**VGA** 2x HDMI ( DP optional ) connector

**Audio** Mic-in/Line-out

**Expansion Bus** 1 x Mini PCIe socket

## Mechanical

**Mounting Type** Rack-mounting / VESA Mounting

**Tempered Glass** 3 mm ( if no Touch Screen on Front )

**Construction** Aluminum Front bezel (7,5mm) +steel chassis + Alu Heatsink

**Dimension (W x D x H)** 318 x 73 x 249 mm

## Environmental

**Operating Temp.** -10 ~ 60°C

**Storage Temp.** -20 ~ 80°C (-4 ~ 176°F)

**Operating Humidity** 10 ~ 95% RH @40°C (non-condensing)

**Vibration** 5~500Hz, 1Grms

Intel 6th Gen. CPU, Skylake  
Intel® Core i3-6100U™ CPU 2.3GHz  
Intel® Core i5-6300U™ CPU 2.3- 2.8 GHz  
Intel® Core i7-6500U™ CPU 2.5- 3.1 GHz

Intel 7th Gen. CPU, Skylake  
Intel® Core i3-7100U™ CPU 2.4GHz  
Intel® Core i5-7300U™ CPU 2.6- 3.5 GHz  
Intel® Core i7-7500U™ CPU 2.7- 3.5 GHz

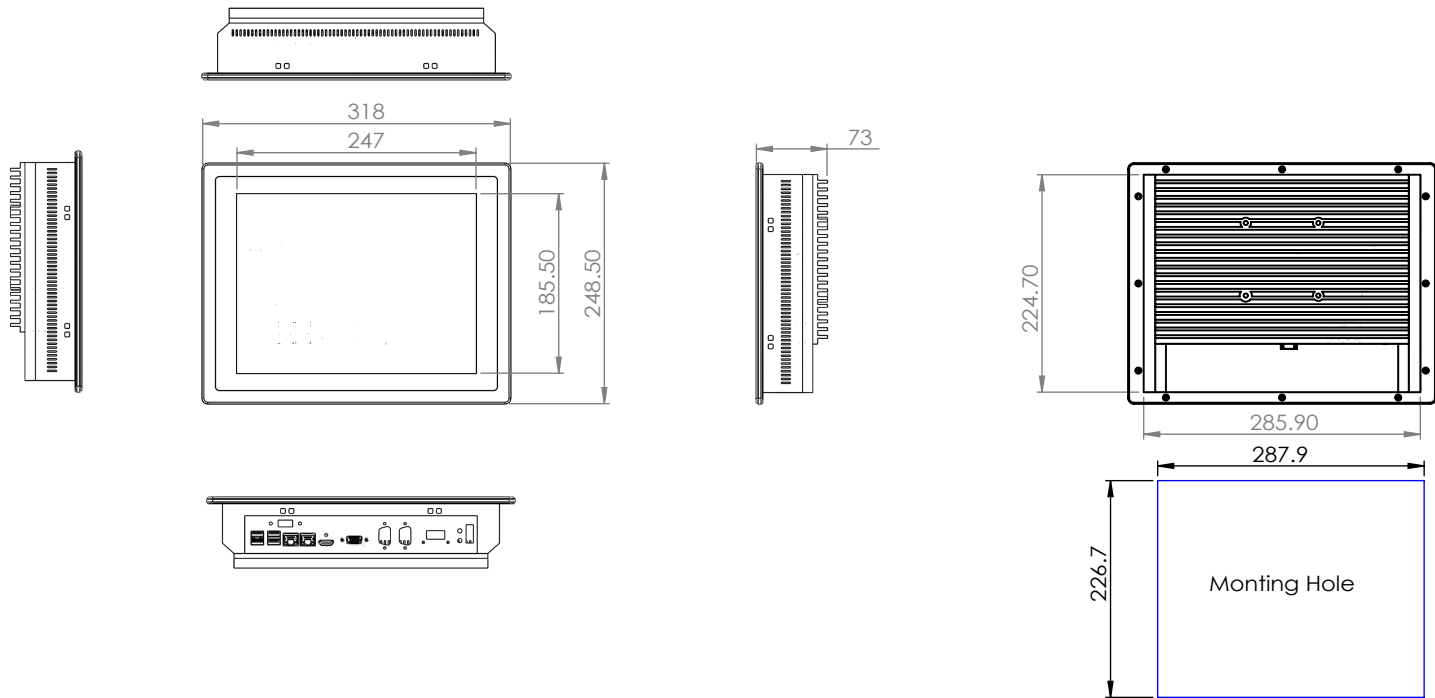
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## Dimensions



### Optional Accessories

PAC-P090/120W 19V/3.4A 90W /120WAC/DC power adapter kit



### Optional Configuration (CTOS\* Kit)

WIFI-AT2350 Atheros AR9462 WiFi module w/ 20cm & 30cm internal wiring



ANT-D11 1 x WiFi Dual-band 2.4G/5G antenna



\*CTOS means Configure-to-Order Service.