

# P1507D-MT



Fanless 15" XGA 4:3 Industrial Panel PC with Intel® 8th Core i-3 / i5 Processor and with Intel Pentium N4200E Processor



## Features

Powered by ASUS

- 15" 4:3 1024 x 768 XGA LCD Display w/ LED Backlight
- Flat panel with projected capacitive touchscreen, 10 points Multi
- Front panel compliant with IP65
- Anti-scratch surface: 7H hardness
- Easy Maintenance Design for CFast/HDD/SSD
- Serial Ports (RS-232/485), RS-485 w/ Auto-flow Control
- Mini PCIe expansion slot support
- Fanless cooling system
- 1x TPM Module ( optional )
- SMA Antenna Holes for Optional WiFi Function
- 12 ~ 24V Wide-Range DC Input

## System

CPU	Intel® 8. Gen. Whisky Lake, CPUs Intel® Core i3-8145U™ CPU 1.6 - 3.9GHz, 6MB Intel® Core i5-8265U™ CPU 2.1 - 3.9GHz, 4MB Intel® Pentium N4200E™ CPU 1.1 - 2.5GHz, 2MB
Memory	1 x DDR4L SO-DIMM Socket, supporting 2400 MHz SDRAM up to 16GB
LAN	1 x Intel® I211AT 1x 219V GbE controllers
Watchdog Timer	1~255 levels reset
<b>Storage</b>	
1st Device	2 x 2.5" drive bay, Raid 0,1,5(optional)
2nd Device	mSATA, mPCIe, M.2
<b>Audio</b>	
Speaker	No
<b>LCD Display</b>	
Size/Type	15" TFT LCD Panel
Max. Resolution	1024 x 768 XGA
Max. Colors	16.2M
Luminance	300 cd/m <sup>2</sup>
Touch Screen	Projected capacitive touch panel, 10 points Multi
View Angle (U/D/R/L)	80°/80°/85°/85°
<b>Power System</b>	
Power Input	DC 12~24V
<b>Certification</b>	
EMC / EMI	Meet CE, FCC Class A
<b>Expansion</b>	
Expansion Bus	1 x Mini-card socket (Full Size)

## External I/O

Serial Ports	2 x RS-232 ( 4 x RS-232 optional)
USB Ports	4 x Type-A USB 3.0 ports 2x USB 2.0 port ( 4x USB 2.0 optional)
LAN	2 x RJ-45 GbE ports
Graphics	1 x HDMI / DP connector
WiFi	optional

## Mechanical

Mounting Type	Panel Mounting and VESA-100 Mounting
Chassis	Panel-mounting chassis, aluminum front bezel and SECC steel chassis
Dimension (W x D x H)	410 x 67.5 x 310 mm
Weight (Net)	6 kg

## Environmental

Operating Temp.	-20°C ~ 60°C
Storage Temp.	-30°C ~ 70°C (-22°F ~ 158°F)
Operating Humidity	10 ~ 95% RH @ 60°C (non-condensing)
Vibration	5 ~ 500Hz, 2Grms Random (with CFast/SSD)
Shock	Operating 10G, 11ms Non-operating 30G, 11ms (with CFast/SSD)

## OS Support

W 10 / Win 10 IOT Enterprise  
Linux Kernel 4.x, Ubuntu 16.04, Fedora 25

## Order Information

P1507D-MT-P	15" Panel PC w. Pentium N4200 CPU
P1507D-MT-3	15" Panel PC w. Core i3-8145U CPU
P1507D-MT-5	15" Panel PC w. Core i5-8265U CPU

Alptech Elektronik GmbH



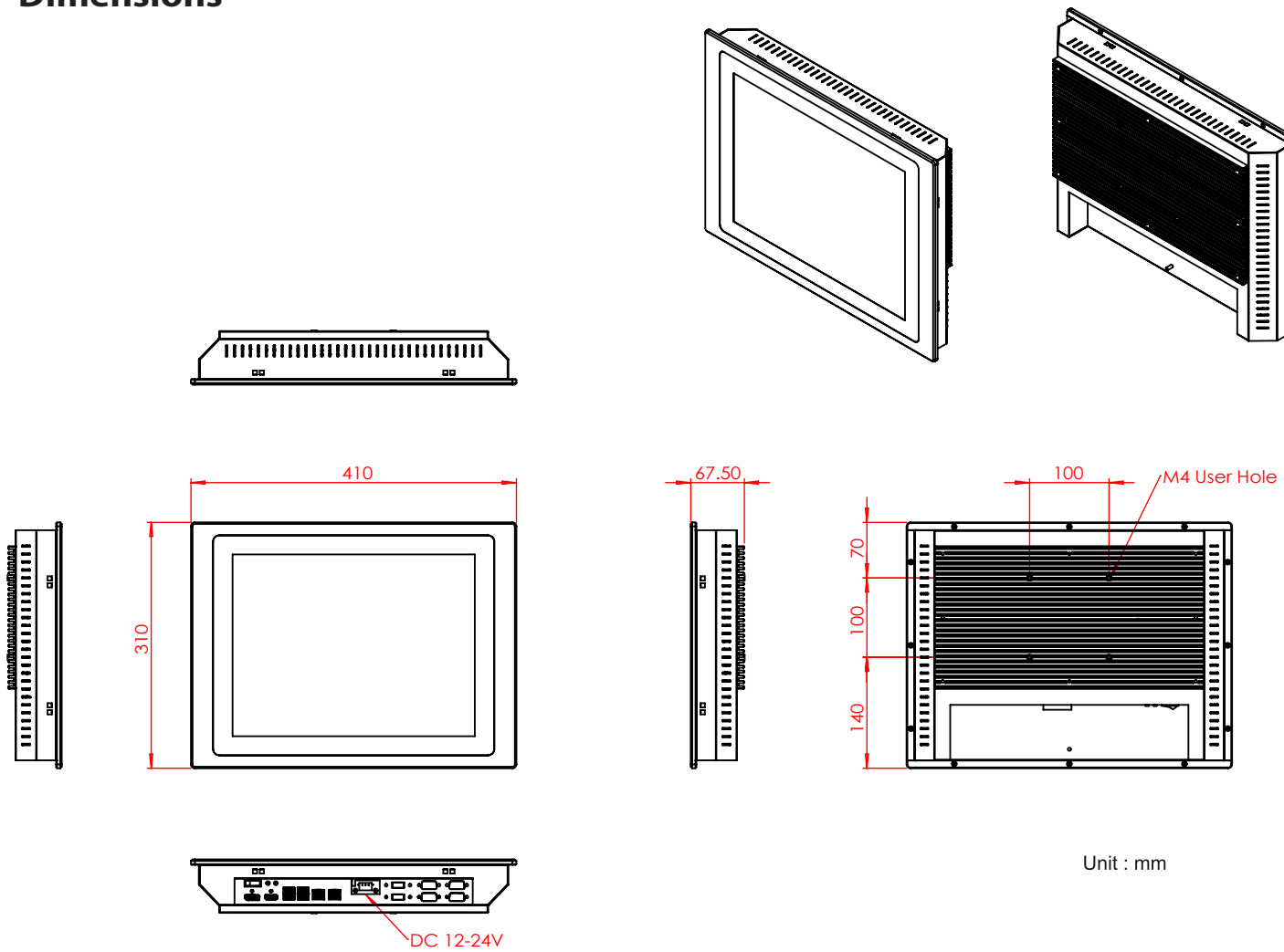
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and with Intel Pentium N4200E Processor

## Dimensions



### Optional Accessories

PAC-P065/120W 19V/3.4A 65W /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

