

# P1907D-MT



Fanless 19" XGA 4:3 Industrial Panel PC with Intel 8th Core i-3 / i5 / i7 Processor  
and with Intel Pentium N4200E Processor



## Features

Powered by **Asus**

- 19" 4:3 1280 x 1024 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 i5-8265U™ CPU 1.6 - 3.9GHz, 6MB Intel® Core i3-8145U™ CPU 2.1 - 3.9GHz, 4MB Intel® Pentium N4200E™ CPU 1.1 - 2.5GHz, 2MB
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Memory	1 x DDR4L SO-DIMM Socket, supporting 2400 MHz SDRAM up to 16GB
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LAN	1 x Intel® I211AT 1x 219V GbE controllers
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Watchdog Timer	1~255 levels reset
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## Storage

1st Device	2 x 2.5" drive bay, Raid 0,1,5(optional)
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2nd Device	mSATA, mPCIe, M.2
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## Audio

Speaker	No
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## LCD Display

Size/Type	19" TFT LCD Panel
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<b>Max. Resolution</b>	1280 x 1024 XGA
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Max. Colors	16.2M
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Luminance	300 cd/m <sup>2</sup>
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<b>Touch Screen</b>	<b>Projected capacitive touch panel, 10 points Multi</b>
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View Angle (U/D/R/L)	80°/80°/85°/85°
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## Power System

Power Input	DC 12~24V
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## Certification

EMC / EMI	Meet CE, FCC Class A
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## Expansion

Expansion Bus	1 x Mini-card socket (Full Size)
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## External I/O

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

Mounting Type	Panel Mounting and VESA-100 Mounting
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Chassis	Panel-mounting chassis, aluminum front bezel and SECC steel chassis
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Dimension (W x D x H)	469 x 66 x 393 mm ( 451x375 mm Cut Size)
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Weight (Net)	9 kg
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## Environmental

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

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

## Order Information

P1907D-MT-P 19" Panel PC w. Pentium N4200 CPU

P1907D-MT-3 19" Panel PC w. Core i3-8145U CPU

P1907D-MT-5 19" Panel PC w. Core i5-8265U CPU



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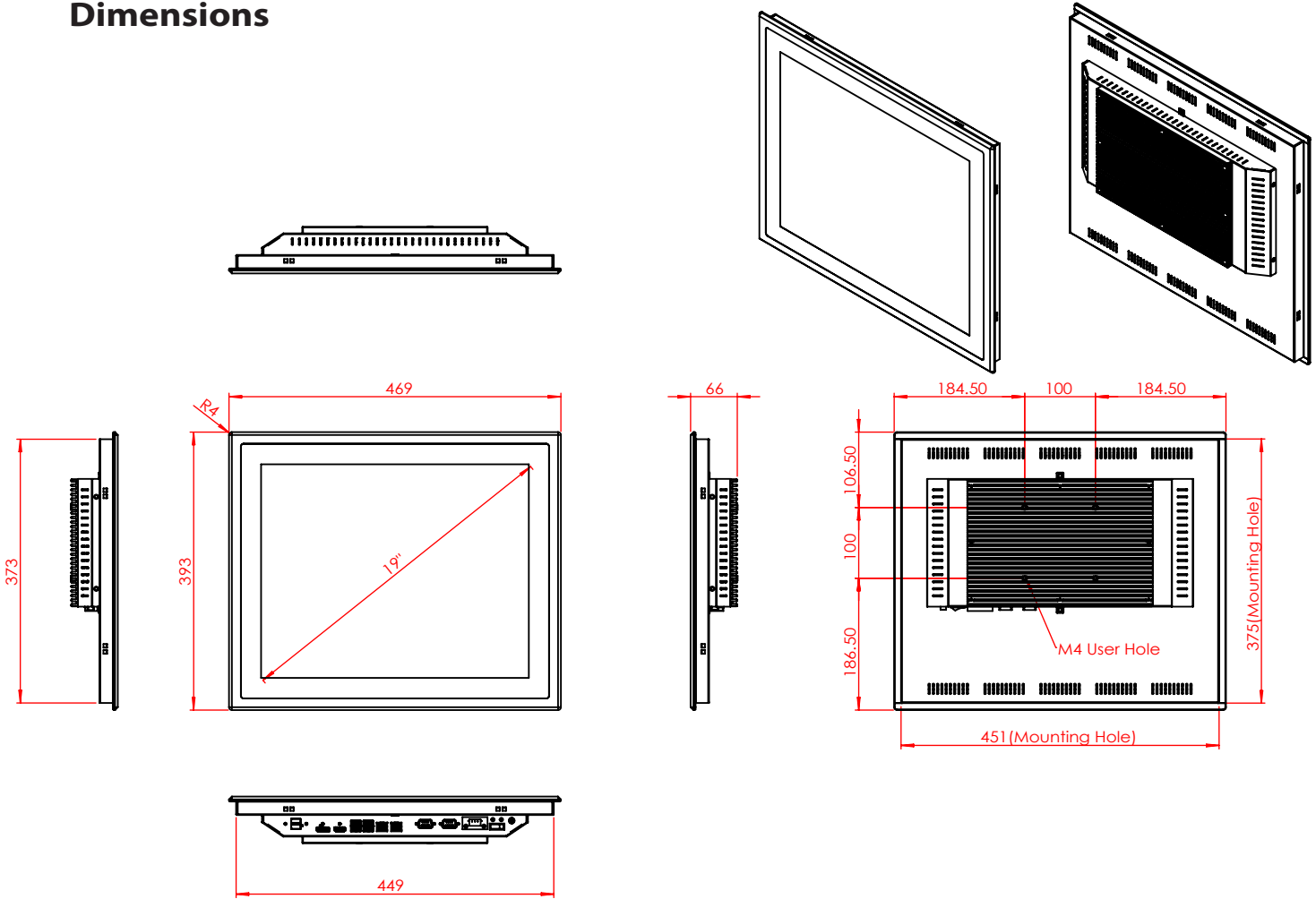
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## Dimensions



## 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

