

# F3

Mini Tower



User Manual

# Product Video Information



F3 Product Video



F3 Installation Guide Video

## Product Story

The F3, a highlight product from our F series, redefines the mini-tower PC case, offering a choice between elegant maple wood and modern glass. Designed to accommodate high-end GPUs and Micro-ATX back-connect M/B, it seamlessly blends with your lifestyle and personal taste, simplifying your aesthetic experience.



**F3**  
Mini Tower

# Specifications

## InWin F3 Chassis

<b>Model</b>	F3	
<b>Model Number</b>	IW-CS-F3BLK-1AN120	IW-CS-F3WHI-1AN120P
<b>Colors</b>	Black	White
<b>Case Type</b>	Mini Tower	
<b>Materials</b>	SECC, Tempered Glass	SECC, Tempered Glass, Wood
<b>M/B Compatibility</b>	Micro-ATX, Mini-ITX	
<b>Expansion Slots</b>	4 x PCI-E	
<b>Maximum Compatibility</b>	GPU Card Length: 340 mm CPU Heatsink Height: 160 mm	
<b>I/O Ports</b>	1 x USB 3.2 Gen 2x2 Type-C 2 x USB 3.2 Gen 1 HD Audio Combo (CTIA – SPK/Mic)	
<b>Internal Drive Bays</b>	1 x 3.5" / 2.5" 1 x 3.5" / 2 x 2.5"	
<b>Thermal Solution Compatibility</b>	<b>Air Cooling Fans:</b> Front: 1 x 120 mm Top: 2 x 120 / 140 mm Rear: 1 x 120 mm Bottom: 2 x 120 mm (1 InWin AN120 / AN120P Fan Included) <b>Water Cooling Radiator:</b> Top: 1 x 240 / 280 mm	
<b>Power Supply Compatibility</b>	PSII: ATX12V - Length up to 160 mm(cable management Included)	
<b>Product Dimensions (L x W x H)</b>	460 x 215 x 359 mm 18.1 x 8.5 x 14.1"	
<b>Package Dimensions (L x W x H)</b>	516 x 277 x 420 mm 20.3 x 10.9 x 16.5"	
<b>Net Weight</b>	7.25 kg / 16 lbs	
<b>Gross Weight</b>	8.38 kg / 18 lbs	

\* InWin's products comply with RoHS regulations.

\* Specifications may vary based on different regions.



# Specifications

## InWin Neptune Series Fan

<b>Model</b>	Neptune AN120	Neptune Pure AN120P
<b>Model Number</b>	IW-FN-AN120P-3PK	IW-FN-AN120P-3PK
<b>Colors</b>	Black	White
<b>Fan Size</b>	120 x 120 x 25 mm	
<b>Materials</b>	PBT, PC	
<b>Rated Voltage</b>	DC 12V	
<b>Rated Power</b>	1.92W	
<b>Rated Current</b>	0.17A	
<b>ARGB Rated Voltage</b>	DC 5V	
<b>ARGB Rated Power</b>	1.4W	
<b>ARGB Rated Current</b>	0.28A	
<b>Speed Mode</b>	PWM 900 - 2200 +/- 10% RPM	
<b>Air Flow</b>	23.87 - 60.1 CFM	
<b>Air Pressure</b>	0.36 - 2.27 mm / H2O	
<b>LED</b>	Addressable RGB	
<b>Connector (Fan to Fan)</b>	Non-Modular Cables	
<b>Connector to M/B</b>	4-Pin (12V, PWM), 3-Pin (5V, ARGB)	
<b>Noise Level</b>	20.5 dB(A) (Normal)	
<b>Bearing Type</b>	Long Lifespan Sleeve Bearing	
<b>MTBF</b>	>36,000 hrs	
<b>Net Weight</b>	541 g / 1.19 lbs	
<b>Gross Weight</b>	803 g / 1.77 lbs	
<b>Warranty</b>	3 Years	

\* InWin's products comply with RoHS regulations.

\* Specifications may vary based on different regions.

# Package Contents



## Accessories Bag

Hexagon Head Screws x 12	2.5" SSD Screws x 12
	
Motherboard Stand-off Socket x 1	3.5" HDD Screws x 8
	
Motherboard Stand-offs x 2	GPU Support Holder x 1
	
Cable Ties x 5	Velcro Strips x 3
	
PWM Fan Extension Cable x 1	ARGB Extension Cable x 1
	
QR Code Card x 1	
	

# Case Structure



- ① Power Button
- ② USB 3.2 Gen 1
- ③ HD Audio Combo (CTIA – SPK/Mic)
- ④ USB 3.2 Gen 2x2 Type-C
- ⑤ SECC Front Panel
- ⑥ Mesh Front Panel
- ⑦ Maple Wood Panel
- ⑧ Tinted Glass Panel

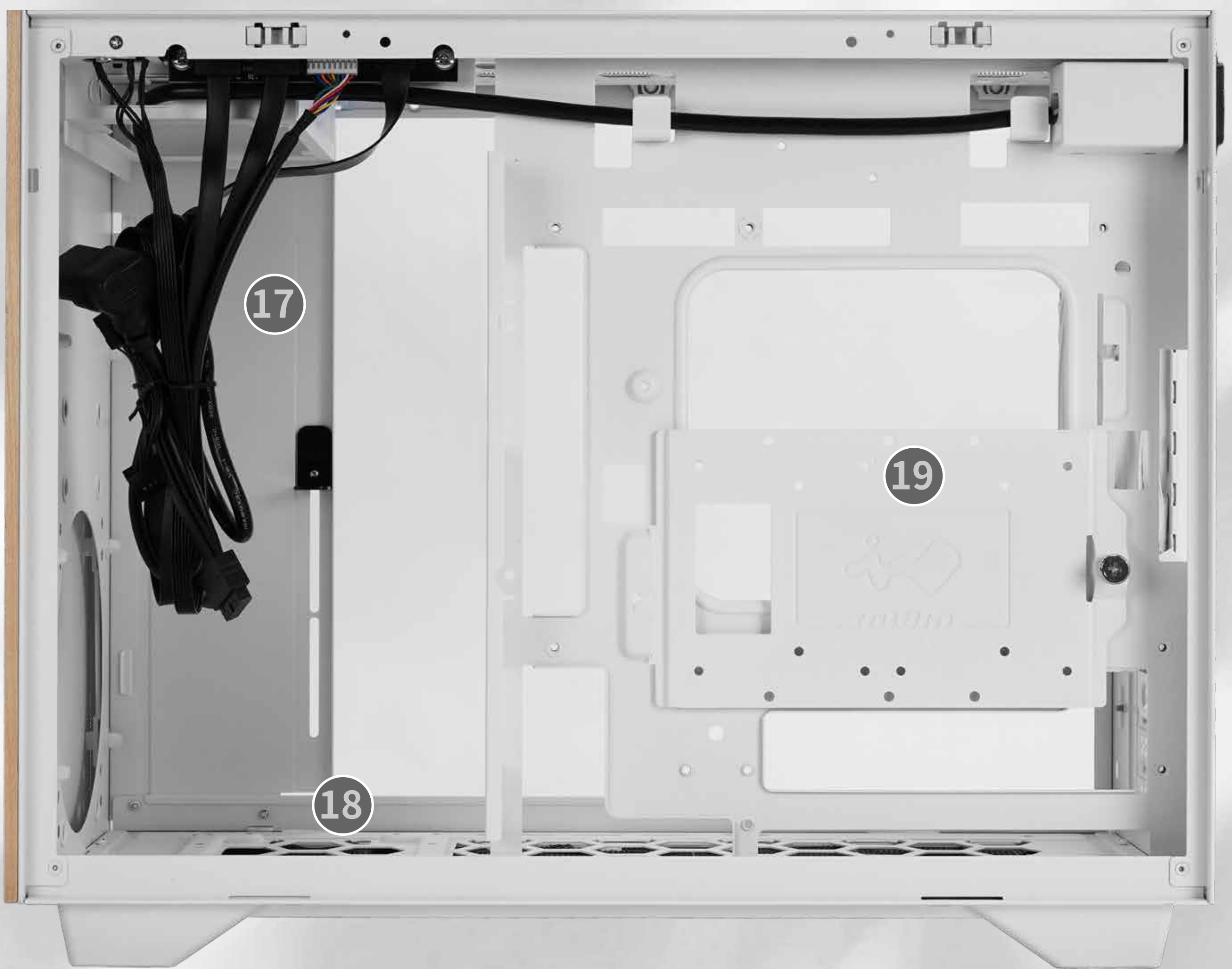
# Case Structure



- ⑨ Top Fans / Radiator Mounting Area
- ⑩ Front Fan Mounting Area
- ⑪ Bottom Fans Mounting Area
- ⑫ Rear Fan Mounting Area  
(1 InWin AN120 or AN120P Fan Pre-Installed)
- ⑬ PCI-E Slot x 4
- ⑭ Motherboard Mounting Area
- ⑮ CPU Cooler Installation Cut-Out Hole
- ⑯ Anti-Dust Filters



# Case Structure



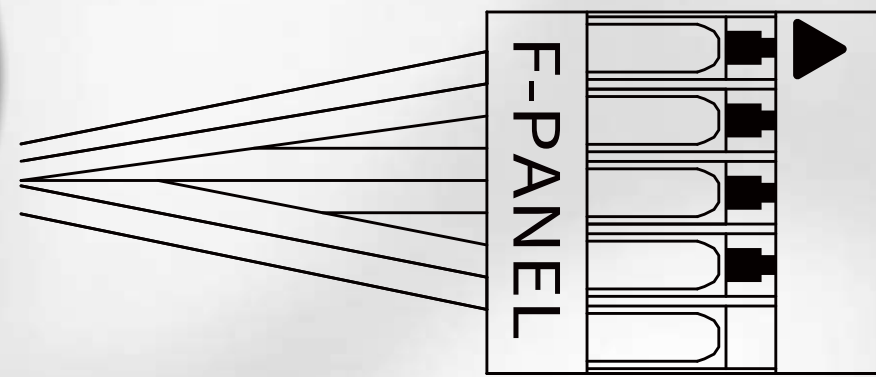
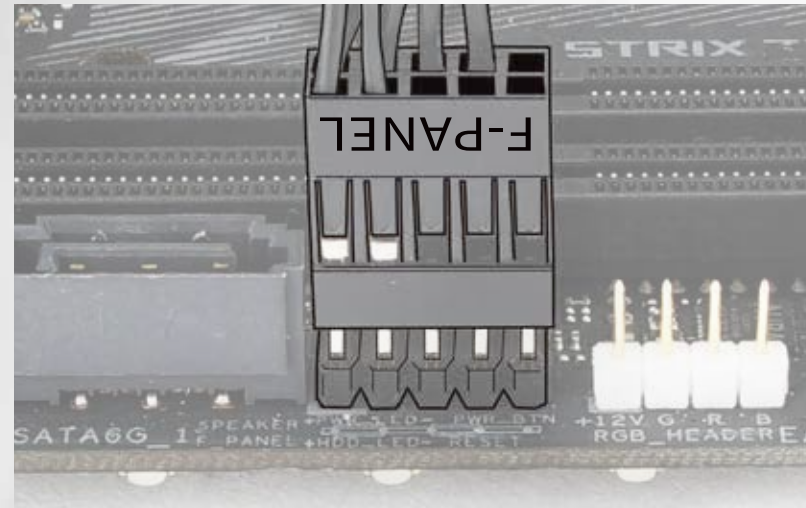
**17** Power Supply Mounting Area

**18** 1 x 3.5" / 2.5" Drive Bays

**19** 1 x 3.5" / 2 x 2.5" Drive Bays

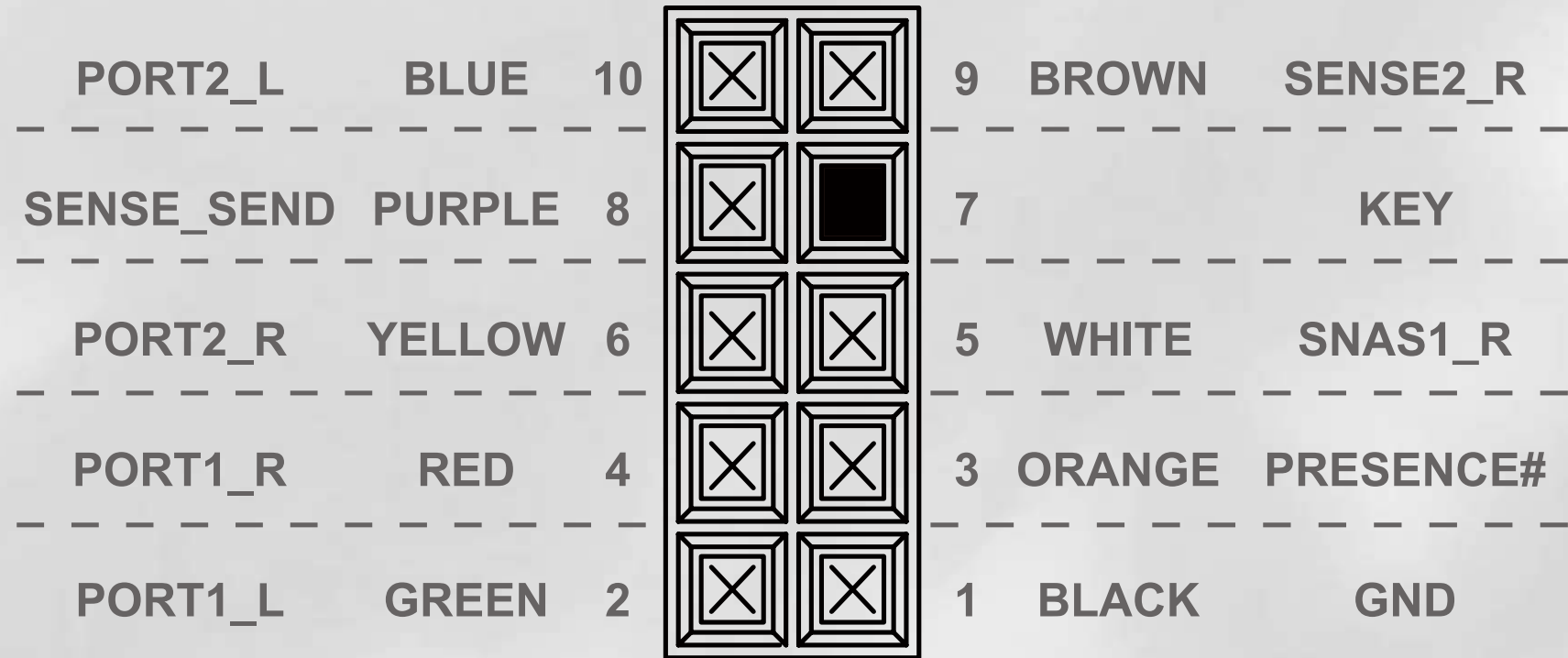
# Cable Connection

## I/O Wires

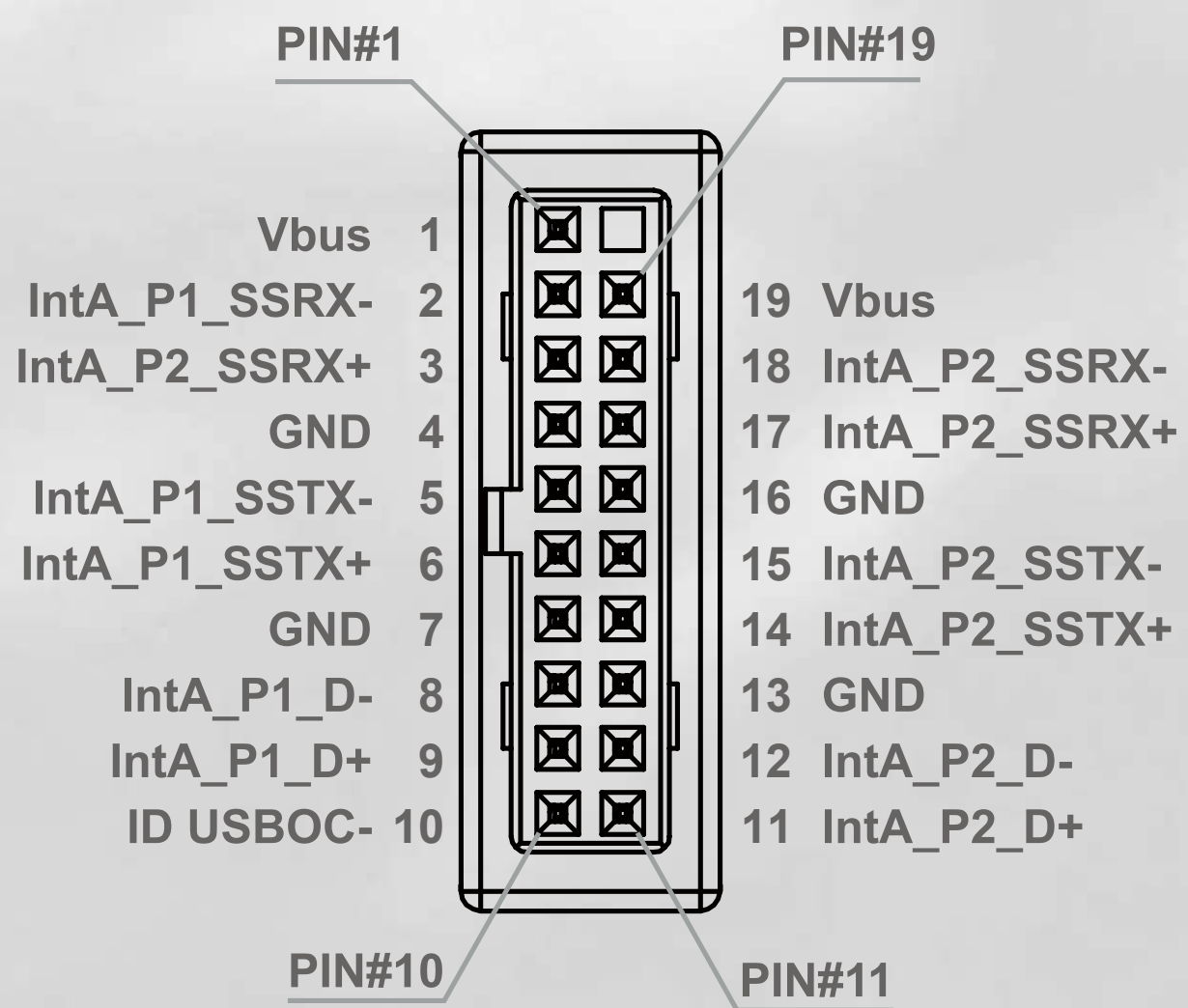


Black(P_LED) 1	2 Black (HDD)
Black(P_LED) 3	4 Black (HDD)
Black(P_SW) 5	6 NC
Black(P_SW) 7	8 NC
Key 9	10 NC

## HD Audio Header



## USB 3.2 Gen 1



## USB 3.2 Gen 2x2 Type-C



# Notices and Warranty

## ■ Notices

1. Please follow the user manual for installation guidelines.
2. When installing the computer components, please use antistatic precautions to prevent ESD (electrostatic discharge) damage. Failure to take the necessary precautions may result in injury to the installer and/or damage to the machine. Incorrect installation may burn out the motherboard and other system components.
3. To avoid any damages, please do not use this product for any other purpose than its intended use.
4. Any modifications may damage the product.
5. Please remove all internal devices before shipping or moving. (Including power supply, hard drives, motherboard, CPU, etc.)
6. When storing the case, please keep this product away from high temperatures. Keep away from machines such as heaters that might cause high temperatures.
7. For more technical support, please visit the InWin Forum at <https://forum.in-win.com>

## ■ Warranty

1. For more detailed warranty information, please visit the InWin retail website at [www.in-win.com](http://www.in-win.com)
2. The actual product is subject to change without prior notice. In Win Development Inc. reserves the right to make final modifications.



*InWin*

CONTEMPORARY & INNOVATIVE

w w w . i n - w i n . c o m