

# D5

Mid Tower

## User Manual

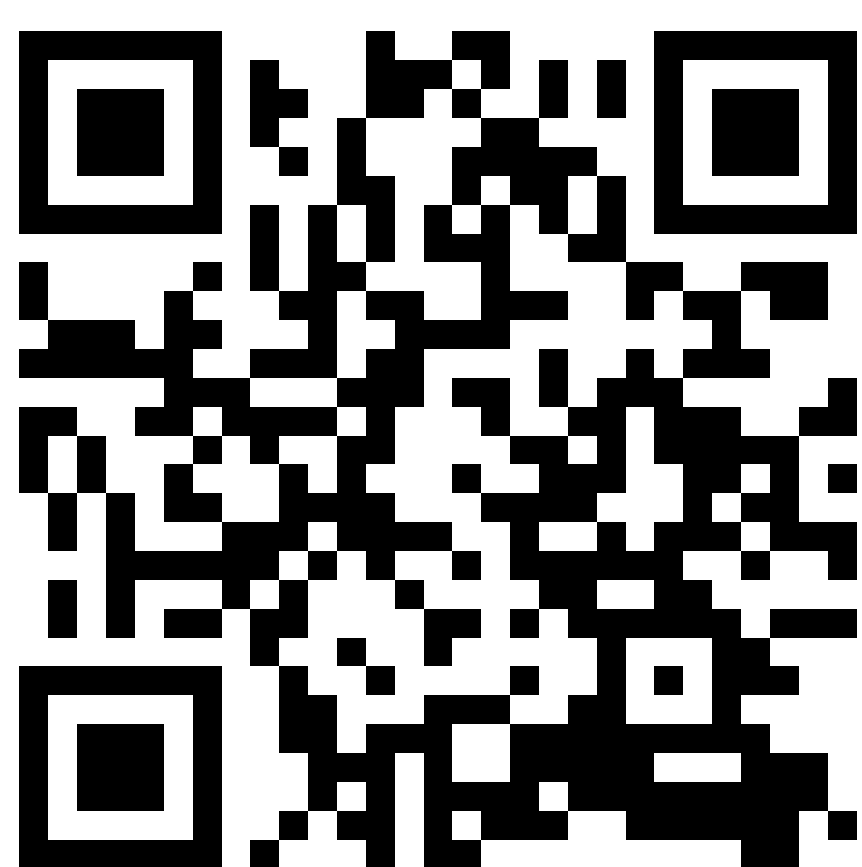
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# Product Video Information



**D5 Product Video**



**D5 Installation Guide Video**

# Product Story

## The Frontier Warrior

The D5 is a mid-tower designed to accommodate E-ATX motherboards up to 12" x 10" and the latest back-connector motherboards.

The D5's widely perforated front panel is engineered to maximize airflow. The built-in headphone hanger enhances desk organization, and the modular, rotatable PCI-E slot bracket allows you to showcase your internal layout effortlessly. Elevate your PC experience with seamless versatility.



# Specifications

## InWin D5 Chassis

<b>Model</b>	D5
<b>Model Number</b>	IW-CS-D5BLK-1AN120
<b>Color</b>	Black
<b>Case Type</b>	Mid Tower
<b>Materials</b>	SECC, Tempered Glass, ABS
<b>M/B Compatibility</b>	12" x 10" E-ATX, ATX, Micro-ATX, Mini-ITX
<b>Expansion Slots</b>	7 x PCI-E 6 x Vertical PCI-E (Riser Cable Optional, Not Included in Package)
<b>Maximum Compatibility</b>	GPU Length: 365 mm CPU Heatsink Height: 165 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" 2 x 3.5" / 2.5"
<b>Thermal Solution Compatibility</b>	Air Cooling Fans: Front: 3 x 120 mm / 140 mm Top: 3 x 120 mm / 140 mm Rear: 1 x 120 mm (1 InWin Neptune AN120 Fan Included)  Water Cooling Radiator: Front: 1 x 280 mm / 360 mm Top: 1 x 280 mm / 360 mm
<b>Power Supply Compatibility</b>	PSII: ATX12V - Length up to 180 mm
<b>Product Dimensions (L x W x H)</b>	494 x 220 x 473 mm 19.4 x 8.7 x 18.6"
<b>Package Dimension (L x W x H)</b>	544 x 282 x 545 mm 21.4 x 11.1 x 21.5"
<b>Net Weight</b>	8.3 kg / 18.3 lbs
<b>Gross Weight</b>	9.7 kg / 21.38 lbs

\* InWin's products comply with RoHS regulations.

\* Specifications may vary based on different regions.



# Specifications

## InWin Neptune AN120

<b>Model</b>	Neptune AN120
<b>Model Number</b>	IW-FN-AN120-3PK
<b>Colors</b>	Black
<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 RGB Rated Voltage</b>	DC 5V
<b>ARGB RGB Rated Power</b>	1.4W
<b>ARGB RGB 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

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# Package Contents



## Accessories Bag

1 Hexagon Head Screws x 12



2 2.5" SSD Screws x 16



3 3.5" HDD Screws x 8



4 Motherboard Stand-offs x 12



5 Motherboard Stand-off Socket x 1



6 Cable Ties x 5



7 Velcro Strips x 3



8 Magnetic GPU Holder x 1



9 ARGB Extension Cables 500 mm x 1



10 PWM Fan Extension Cables 500 mm x 1



11 QR Code Card x 1



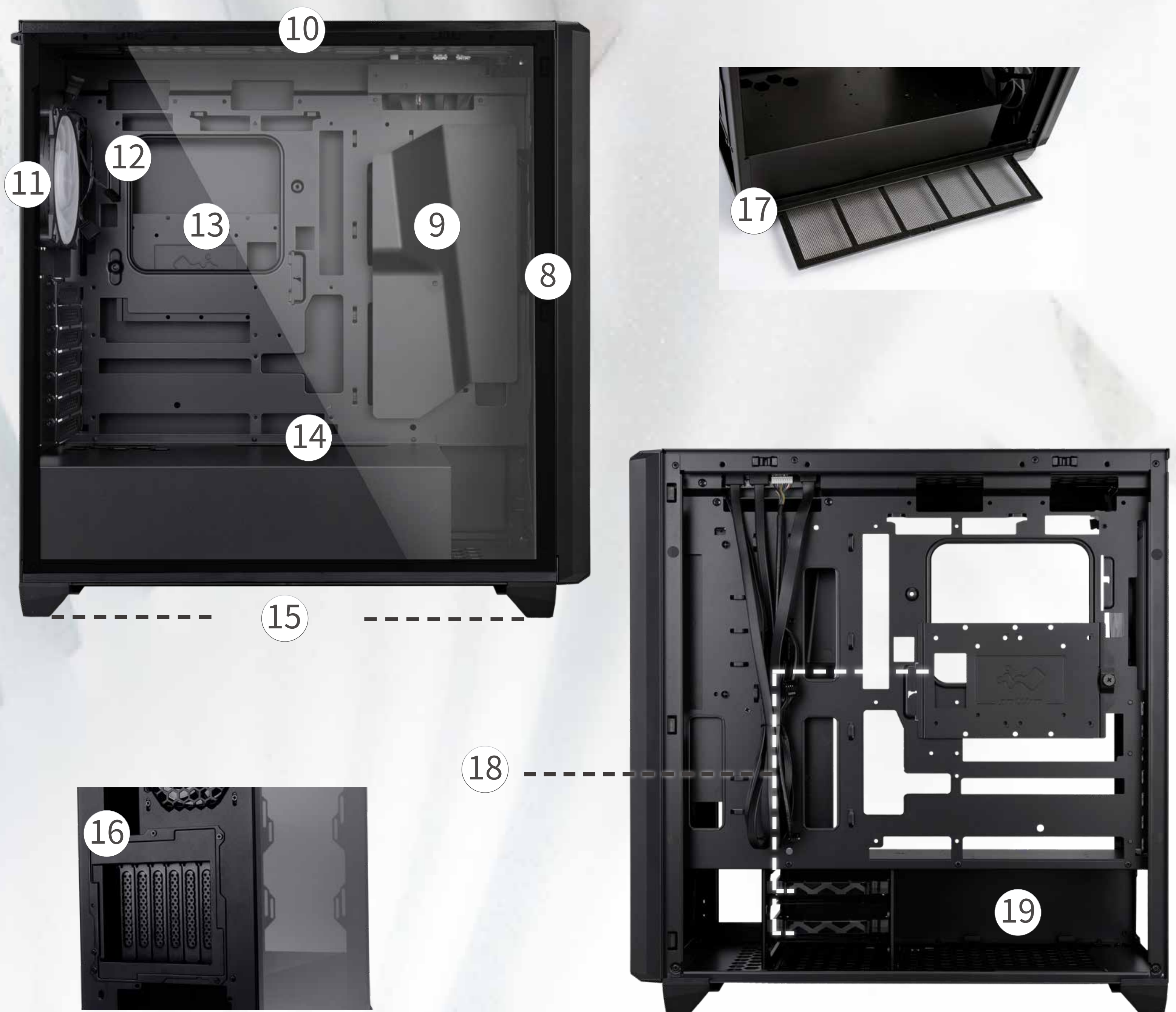
**D5**  
Mid Tower

# Case Structure



- 1 Tempered Glass Side Panels
- 2 Headphone Hanger
- 3 Power Button
- 4 USB 3.2 Gen 1
- 5 HD Audio Combo (CTIA – SPK/Mic)
- 6 USB 3.2 Gen 2x2 Type-C
- 7 Anti-Dust Filters

# Case Structure

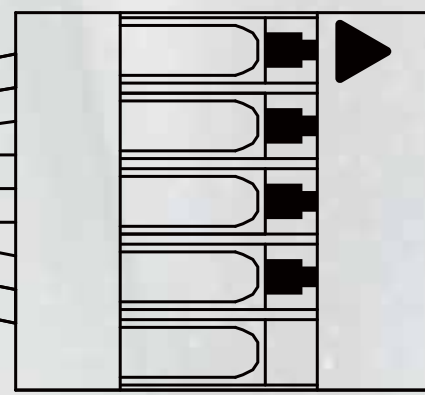
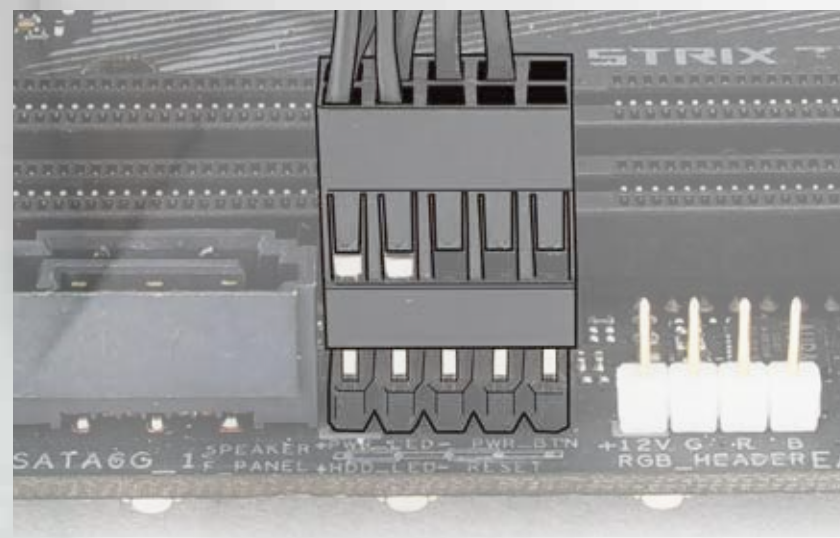
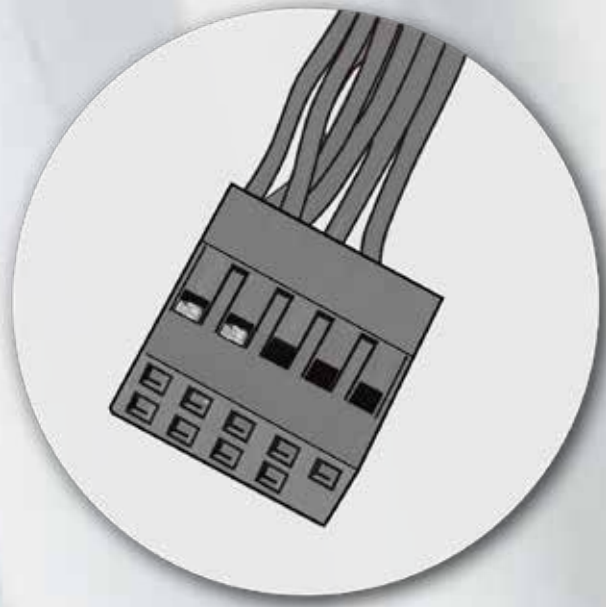


- 8 Front Fans / Radiator Mounting Area
- 9 Cable Shield Cover
- 10 Top Fans / Radiator Mounting Area
- 11 Rear Fan Mounting Area (1 InWin Neptune AN120 Fan Pre-Installed)
- 12 Motherboard Mounting Area
- 13 CPU Cooler Installation Cut-Out Hole
- 14 Magnetic GPU Holder Placement Area
- 15 Shock-Proof Stands
- 16 Rotatable PCI-E Slot Bracket
- 17 Anti-Dust Filters
- 18 2.5"/3.5" Drive Bays
- 19 Power Supply Mounting Area



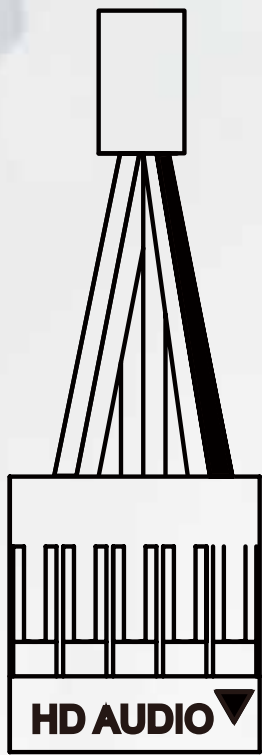
# Cable Connection

## I/O Wire



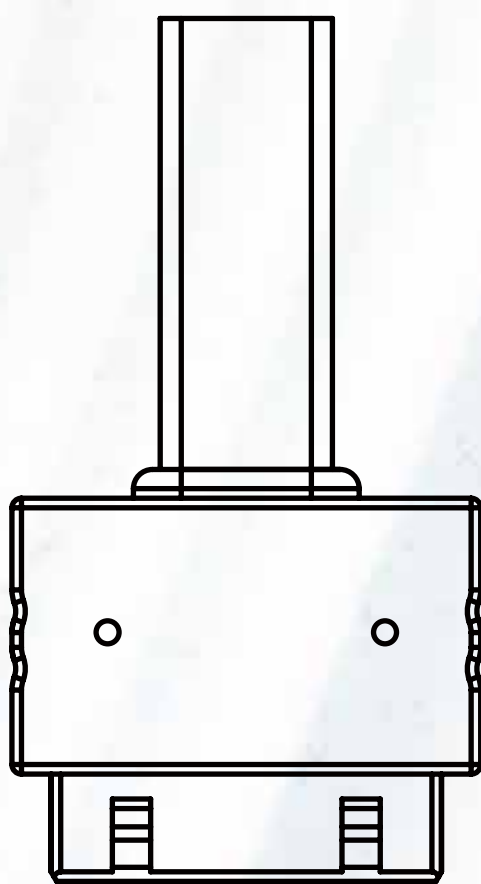
Black(P LED +)	1		2 Black (HDD LED +)
Black(P LED -)	3		4 Black (HDD LED -)
Black(P SW +)	5		6 NC
Black(P SW -)	7		8 NC
Key	9		10 NC

## HD Audio Header



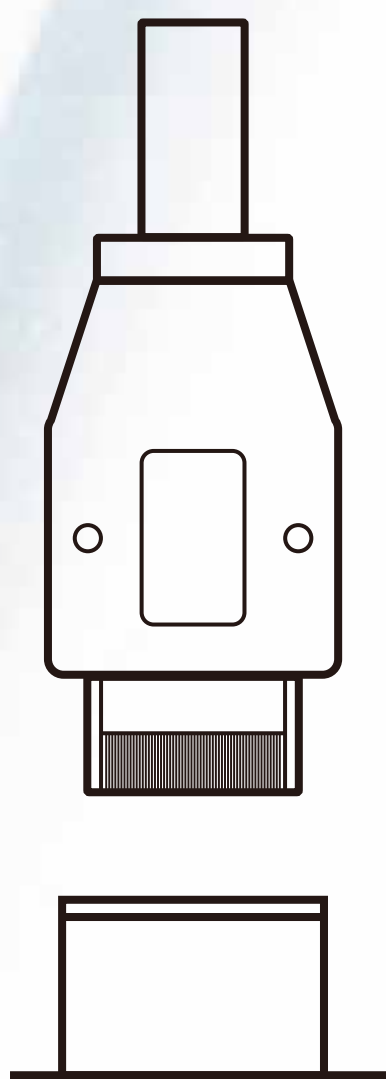
PORT2_L	BLUE	10		9 BROWN	SENSE2_R
SENSE_SEND	PURPLE	8		7	KEY
PORT2_R	YELLOW	6		5 WHITE	SNAS1_R
PORT1_R	RED	4		3 ORANGE	PRESENCE#
PORT1_L	GREEN	2		1 BLACK	GND

## USB 3.2 Gen 1



PIN#1		PIN#19
Vbus	1	19 Vbus
IntA_P1_SSRX-	2	18 IntA_P2_SSRX-
IntA_P2_SSRX+	3	17 IntA_P2_SSRX+
GND	4	16 GND
IntA_P1_SSTX-	5	15 IntA_P2_SSTX-
IntA_P1_SSTX+	6	14 IntA_P2_SSTX+
GND	7	13 GND
IntA_P1_D-	8	12 IntA_P2_D-
IntA_P1_D+	9	11 IntA_P2_D+
ID USBOC-	10	
PIN#10		PIN#11

## USB 3.2 Gen 2x2 Type-C



# Notices and Warranty

## ■ Notices

1. Please follow the user manual for installation guidelines.
2. When installing computer components, please use the antistatic precautions to prevent ESD (electrostatic discharge) damage. This can cause injury to the installer and/or damage to the machine. Incorrect installation may burn your 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, CD-ROM, motherboard and 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 any final modifications.

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