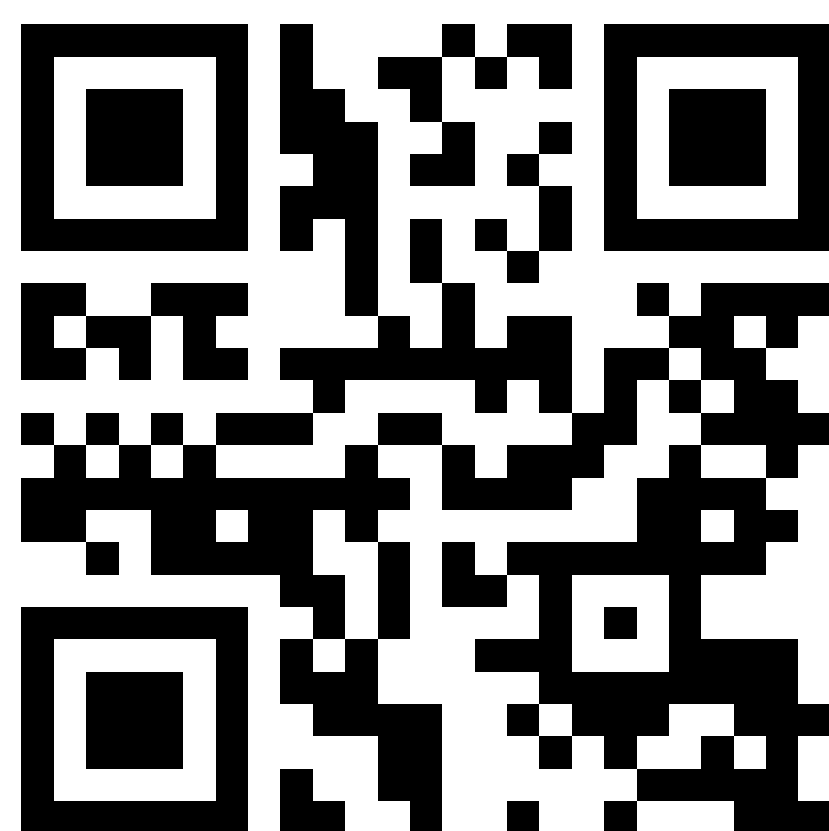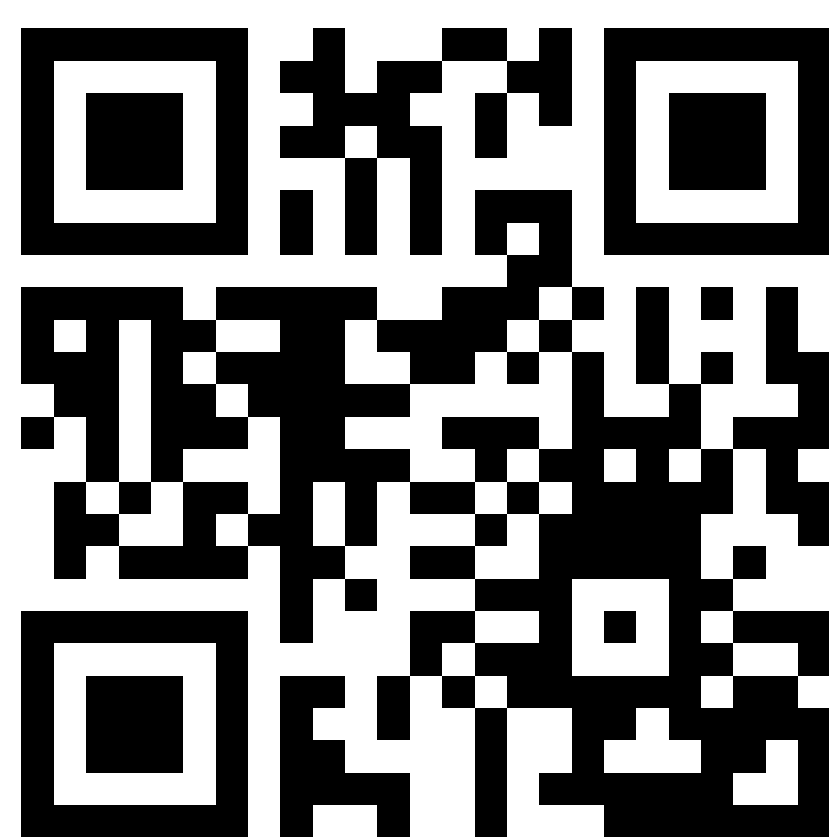# User Manual

F5
Full Tower

Product Video Information

F5 Product Video

F5 Installation Guide Video

F5
Full Tower

Product Story

The F5 is a breakthrough full-tower PC case that supports the latest back-connect M/Bs. It features a swappable front panel, tempered glass, and supports high-end hardware. The functionality and cooling performance makes the F5 the ideal PC enclosure for you.

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Specifications
InWin F5 Chassis

Model	F5	
Model Number	IW-CS-F5BLK-3AN140	IW-CS-F5WHI-3AN140P
Colors	Black	White
Case Type	Full Tower	
Materials	SECC, Tempered Glass	SECC, Tempered Glass, Wood
M/B Compatibility	12" x 13" E-ATX, ATX, Micro-ATX, Mini-ITX	
Expansion Slots	8 x PCI-E 3 x Vertical PCI-E (Riser Cable Optional; Not Included in Package)	
Maximum Compatibility	GPU Length: 410 - 435 mm CPU Heatsink Height: 180 mm	
I/O Ports	1 x USB 3.2 Gen 2x2 Type-C 2 x USB 3.2 Gen 1 HD Audio Combo (CTIA – SPK/Mic)	
Internal Drive Bays	2 x 3.5" / 4 x 2.5" 2 x 2.5"	
Thermal Solution Compatibility	Air Cooling Fans: Front: 2 x 120 / 140 mm Top: 3 x 120 / 140 mm Rear: 1 x 120 / 140 mm Bottom: 3 x 120 / 140 mm (3 InWin AN140 / AN140P Fans Included) Water Cooling Radiator: Front: 1 x 240 / 280 mm Top: 1 x 360 / 420 mm Bottom: 1 x 360 / 420 mm	
Power Supply Compatibility	PSII: ATX12V - Length up to 230 mm	
Product Dimensions (L x W x H)	510 x 235 x 543 mm 20 x 9.2 x 21.3"	
Package Dimensions (L x W x H)	653 x 600 x 355 mm 25.7 x 23.6 x 13.9"	
Net Weight	10.73 Kg / 23.6 lbs	10.57 Kg / 23.3 lbs
Gross Weight	12.9 Kg / 28.4 lbs	12.68 Kg / 27.9 lbs

* InWin's products comply with RoHS regulation.
* Specifications may vary based on different regions.

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Specifications
InWin Neptune Series Fan

Model	Neptune AN140	Neptune Pure AN140P
Model Number	IW-FN-AN140-3PK	IW-FN-AN140P-3PK
Colors	Black	White
Fan Size	140 x 140 x 25 mm	
Materials	PBT, PC	
Rated Voltage	DC 12V	
Rated Power	2.16W	
Rated Current	0.19A	
ARGB Rated Voltage	DC 5V	
ARGB Rated Power	1.4W	
ARGB Rated Current	0.28A	
Speed Mode	PWM 900 - 1800 +/- 10% RPM	
Air Flow	41.67 - 88.89 CFM	
Air Pressure	0.49 - 2.18 mm / H2O	
LED	Addressable RGB	
Connector (Fan to Fan)	Non-Modular Cables	
Connector to M/B	4-Pin (12V, PWM), 3-Pin (5V, ARGB)	
Noise Level	24.5 dB(A) (Normal)	
Bearing Type	Long Lifespan Sleeve Bearing	
MTBF	>36,000 hrs.	
Net Weight	629 g / 1.39 lbs	
Gross Weight	946 g / 2.09 lbs	
Package Dimensions (L x W x H)	151 x 91 x 190 mm 5.9 x 3.58 x 7.48"	
Warranty	3 Years	

* InWin's products comply with RoHS regulation.
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Package Contents

Accessories Bag

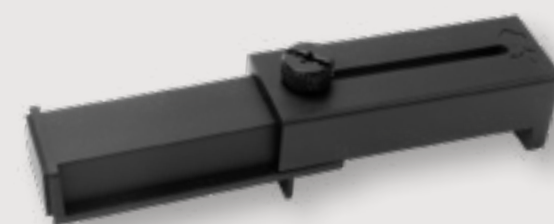| Hexagon Head Screws x 18	Cable Ties x 5
2.5" SSD Screws x 18	3.5" HDD Screws x 10
Motherboard Stand-offs x 11	Magnetic GPU Holder x 1
Motherboard Stand-off Socket x 1	Velcro Strips x 5
PCI-E Slot Brackets x 3	PWM Fan Extension Cable x 2
ARGB Extension Cable x 2	QR Code Card x 1

Case Structure

1. USB 3.2 Gen 2x2 Type-C

2. USB 3.2 Gen 1

3. HD Audio Combo (CTIA – SPK/Mic)

4. Power Button

5. SECC Front Panel

6. Mesh Front Panel

7. Maple Wood Panel

8. Tinted Glass Panel

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# Case Structure

|	
9	Top Fans / Radiator Mounting Area
10	Front Fans / Radiator Mounting Area (2 InWin AN140 or AN140P Fan Pre-Installed)
11	Bottom Fans / Radiator Mounting Area
12	Rear Fan Mounting Area (1 InWin AN140 or AN140P Fan Pre-Installed)
13	Motherboard Mounting Area
14	CPU Cooler Installation Cut-Out Hole
15	Modular PCI-E Slot
16	Magnetic GPU Holder Placement Area
17	Shock-Proof Stands

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Case Structure

18 Power Supply Mounting Area

19 2.5" Drive Bays

20 3.5" / 2.5" Drive Bays

21 Anti-Dust Filters

18

19

20

21

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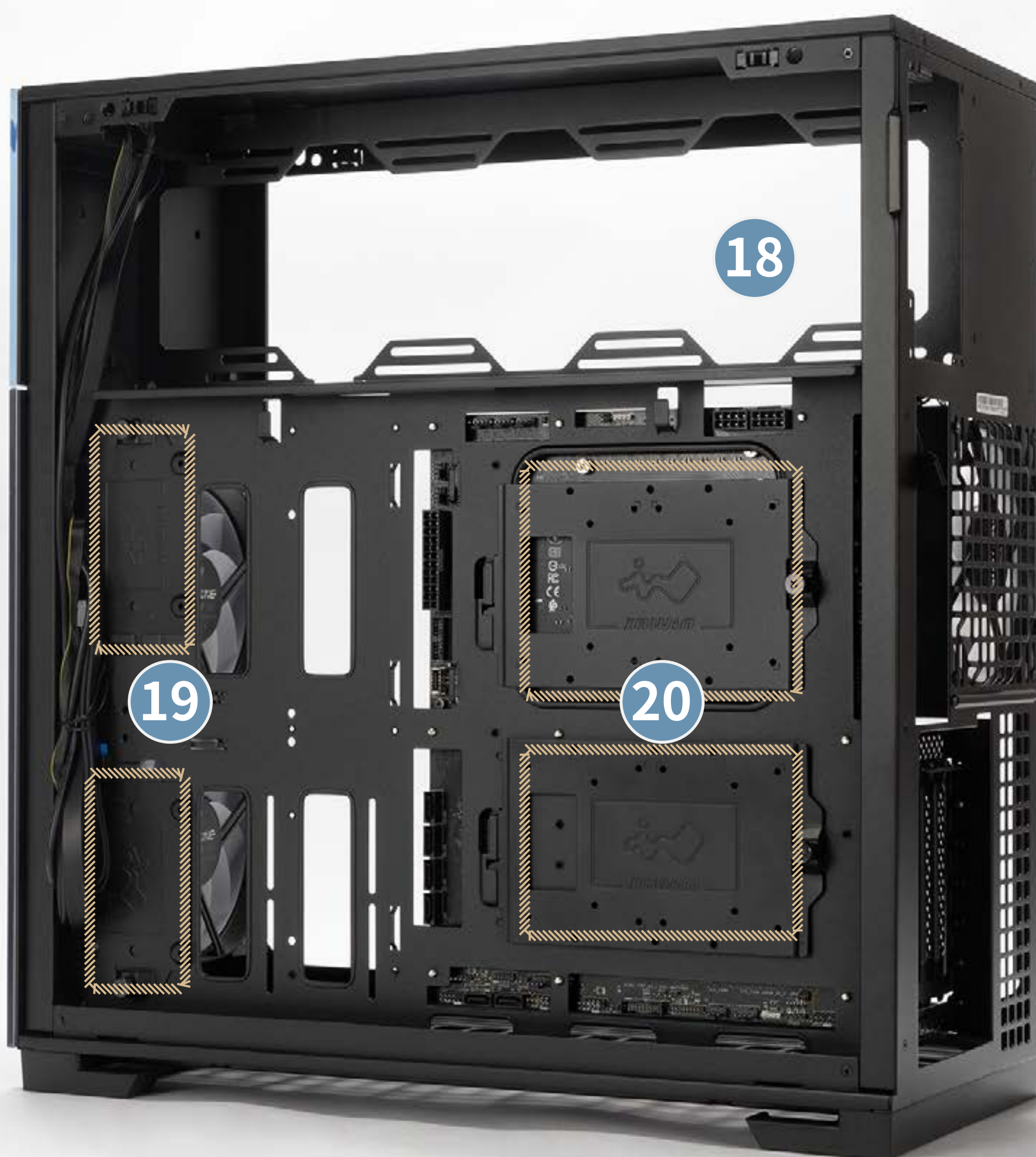
Cable Connection

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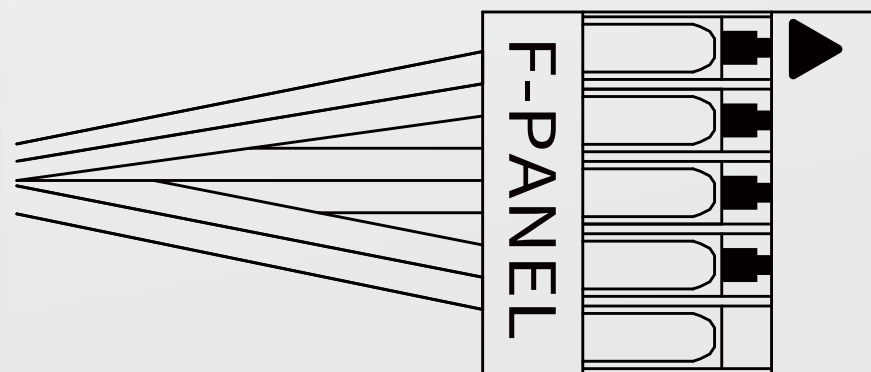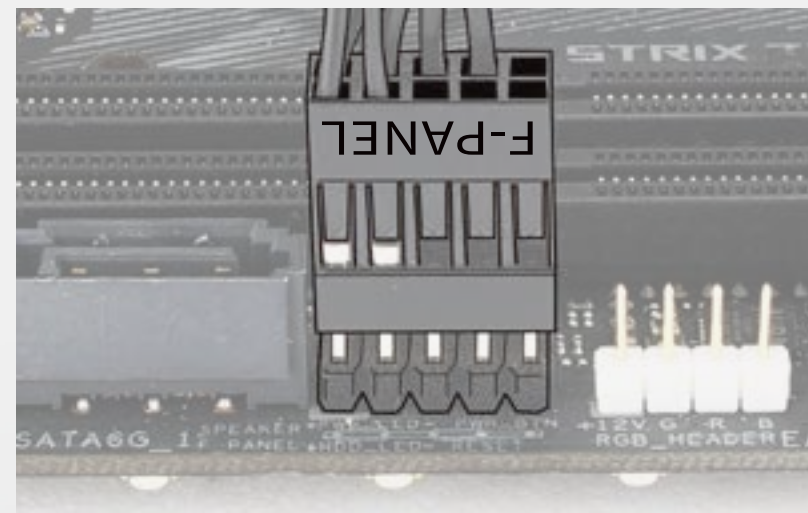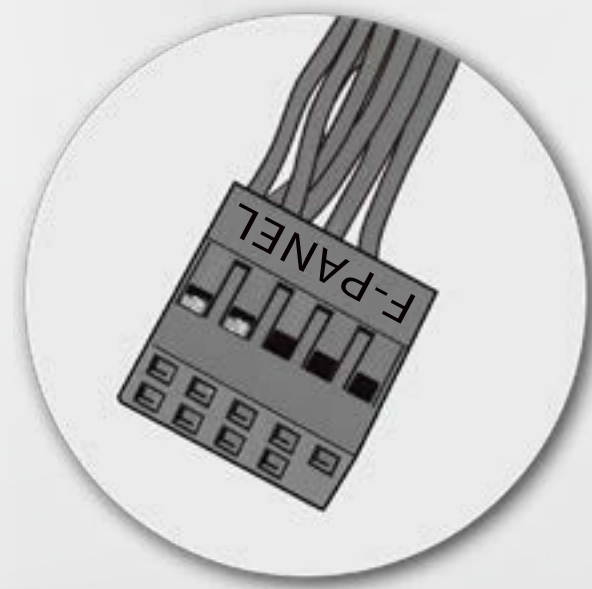
Black(P_LED)	1	2	Black (HDD)
Black(P_LED)	3	4	Black (HDD)
Black(P_SW)	5	6	NC
Black(P_SW)	7	8	NC
Key	9	10	NC

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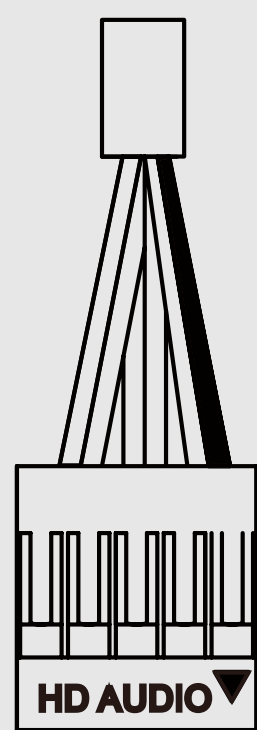
PORT2_L	BLUE	10	9	BROWN	SENSE2_R
SENSE_SEND	PURPLE	8	7		KEY
PORT2_R	YELLOW	6	5	WHITE	SNAS1_R
PORT1_R	RED	4	3	ORANGE	PRESENCE#
PORT1_L	GREEN	2	1	BLACK	GND
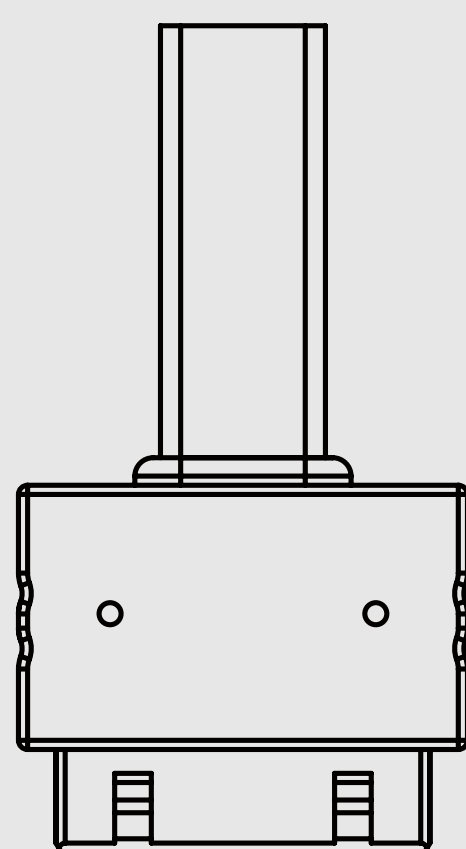
HD AUDIO▼

USB 3.2 Gen 1

PIN#1   PIN#19

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

PIN#10   PIN#11

USB 3.2 Gen 2x2 Type-C

USB 3.2 TYPE-C

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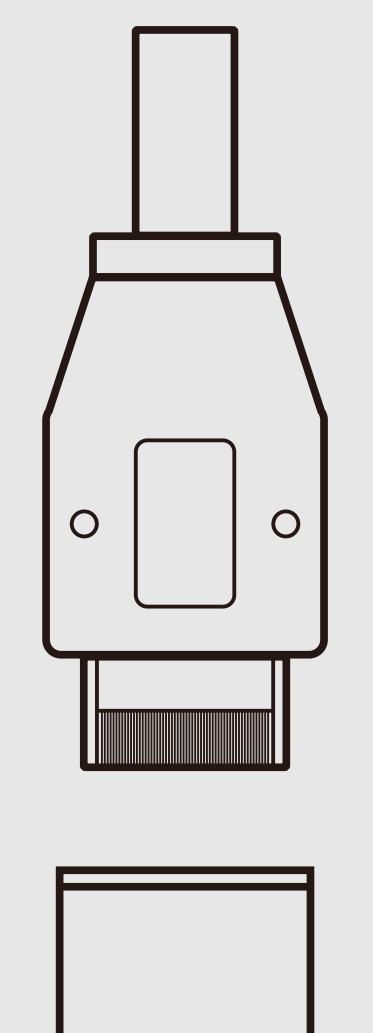
Notices and Warranty

■ 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 burnout 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.

2. The actual product is subject to change without prior notice. In Win Development Inc. reserves the right to make final modifications.

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