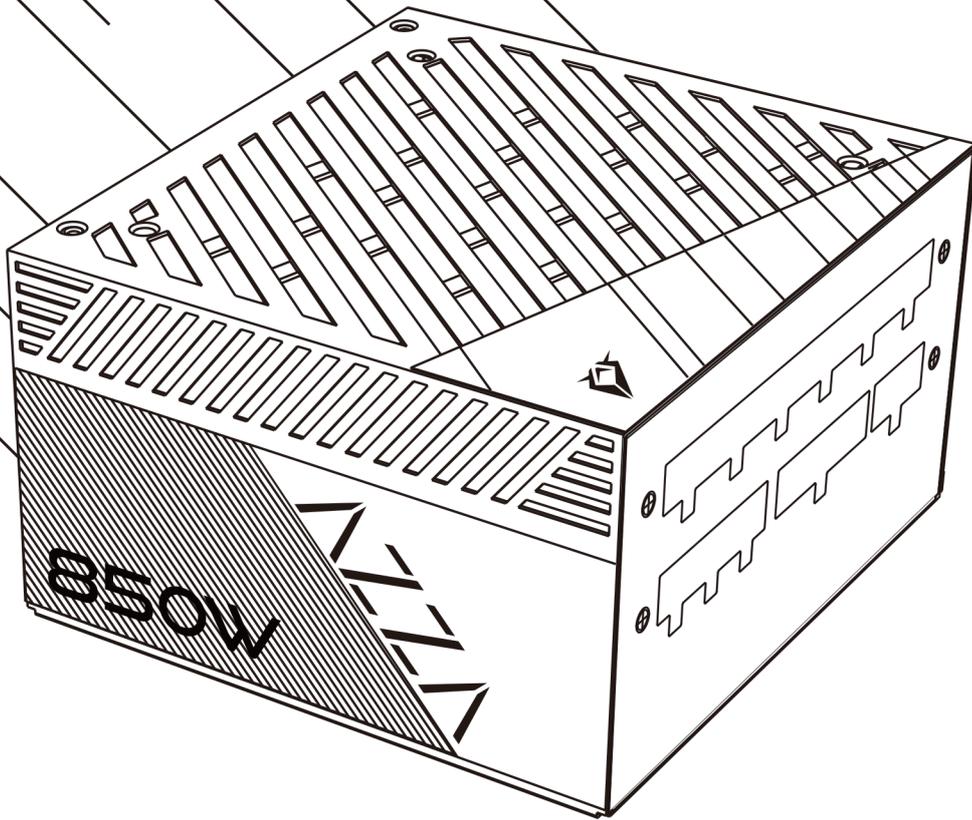




**ATX 3.1**

**PCI-e 5.1**  
Ready



PSAZ-850G  
POWER SUPPLY

**850W**



**USER MANUAL**

# Features

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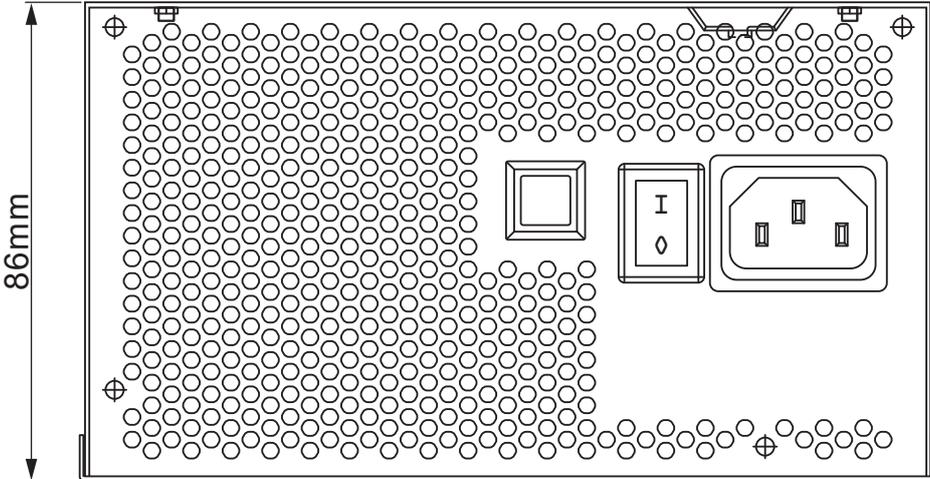
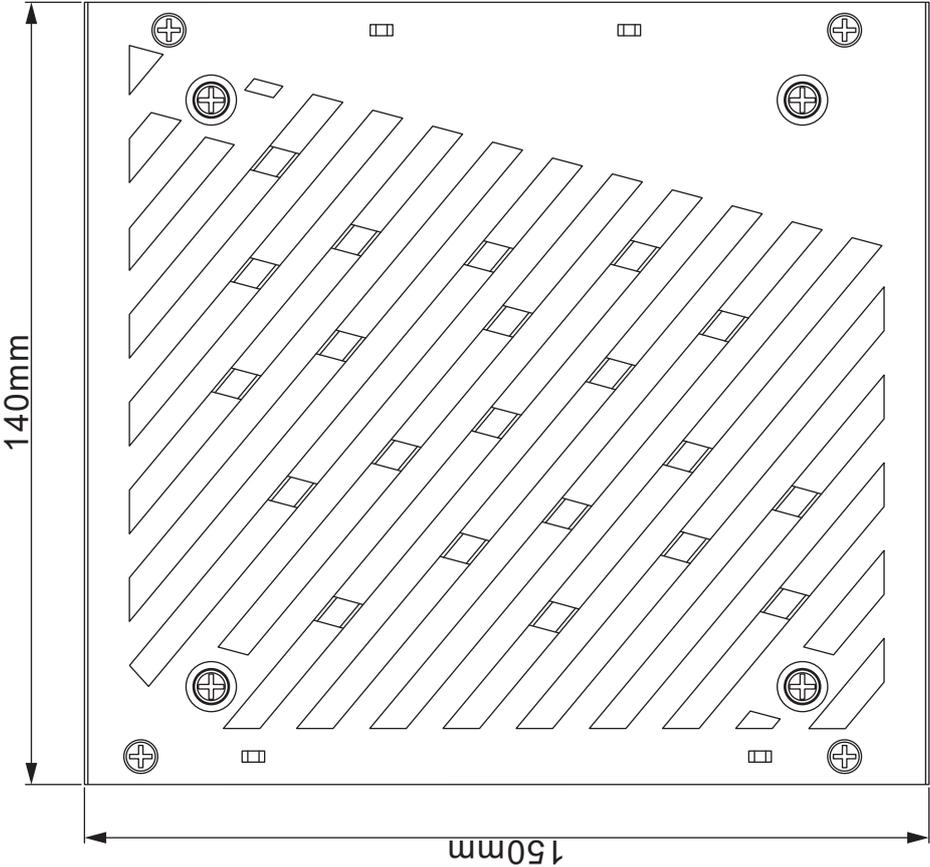
- Complies with ATX12V V3.1
- Efficiency  $\geq$  90% typical load
- Eco semi-fanless fan control switch
- 120mm Smart Fluid Dynamic Bearing Fan
- LLC Half Bridge Topology with DC-DC module design
- Support PCIe Gen 5.1 graphics card
- High-quality 12V-2x6 16-pin cable supports 450W output
- Complete protection: OCP/OVP/OPP/SCP/OTP/UVP
- 80 PLUS® Gold certified
- Fully modular design

# Specifications

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PSAZ-850G	850W GOLD				
AC Input	100-240V~50-60Hz 10A Max.				
DC Output Voltage	+12V	+5V	+3.3V	-12V	+5VSB
MAX Output Current	70A	20A	20A	0.3A	2.5A
Combined Power	840W	100W		3.6W	12.5W
Total Power	850W				

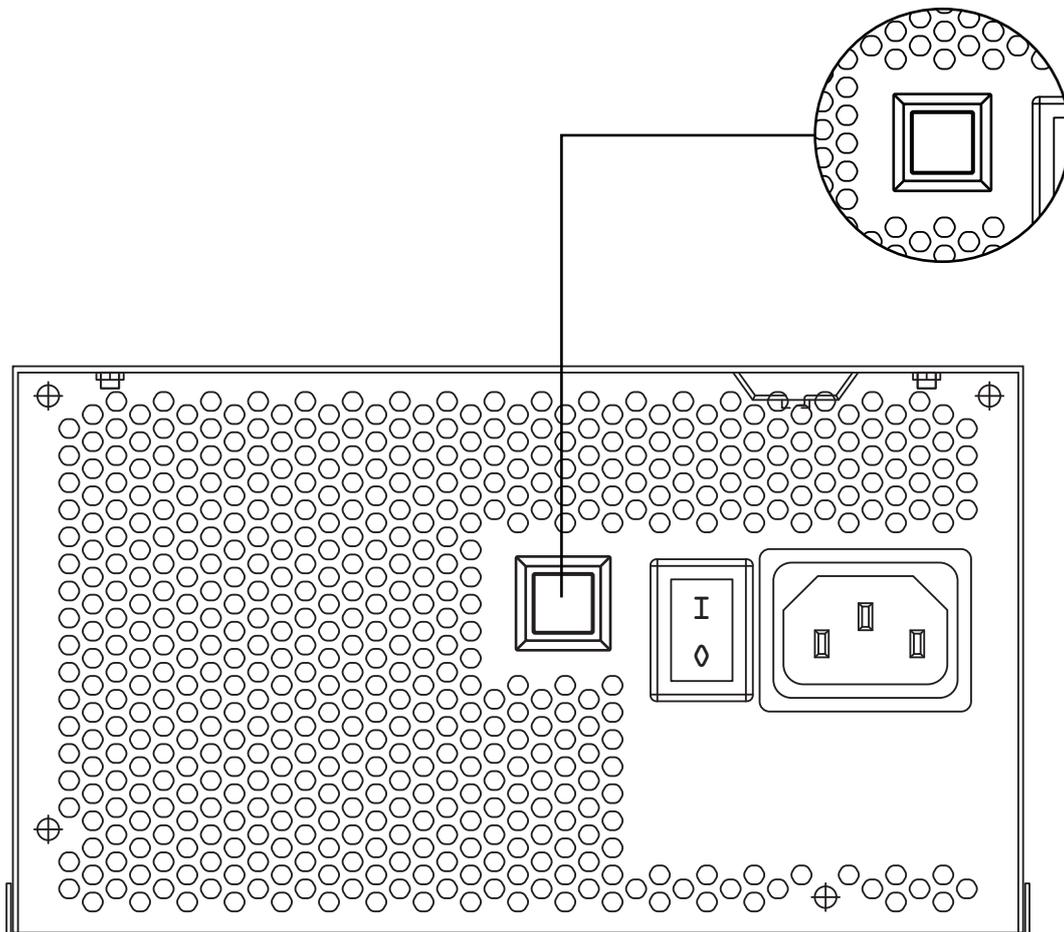
# Dimensions



# Dimensions

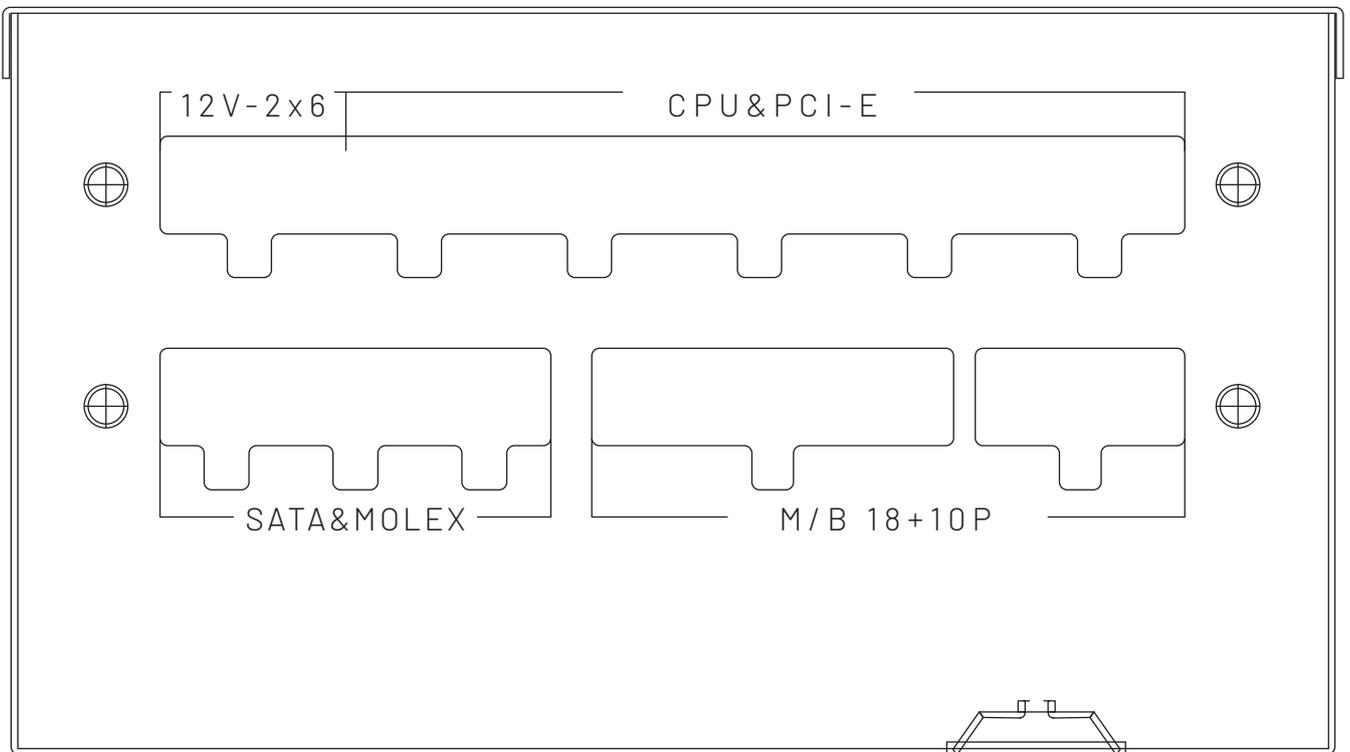
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The AZZA ECO Intelligent Thermal Control System provides silent operation at low loads, improved efficiency and longer life span of the fan. Enabled by a simple switch directly on the power supply, the “No Fan Spin” feature is ideal for users looking to reduce ambient noise overall. Save on energy costs and unnecessary fan usage with the AZZA ECO Thermal Control System.



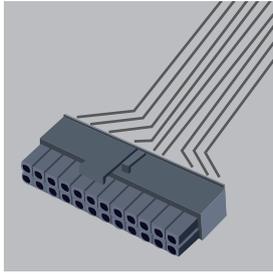
# Dimensions

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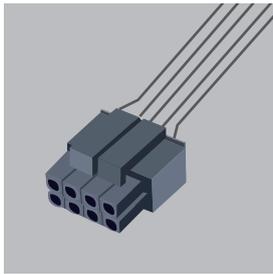


# Connectors

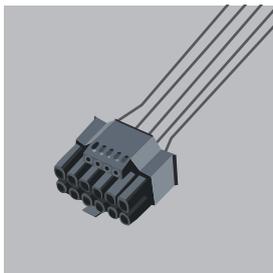
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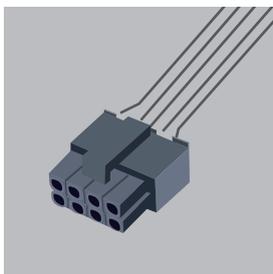
ATX 24 x1



4+4Pin x2



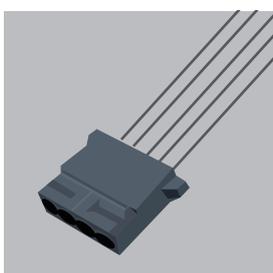
PCIe 12+4 x1



PCIe 6+2 x4



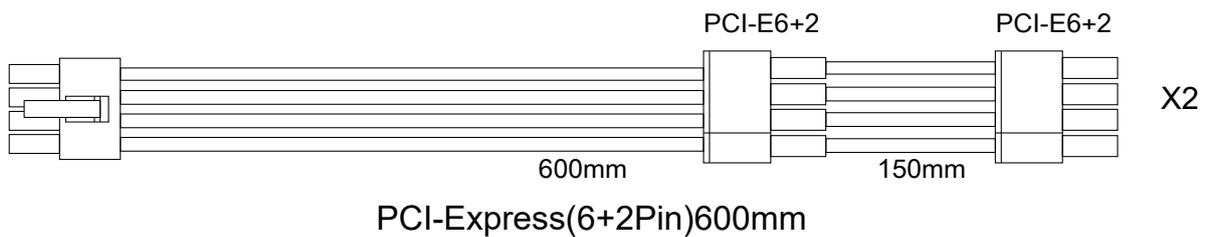
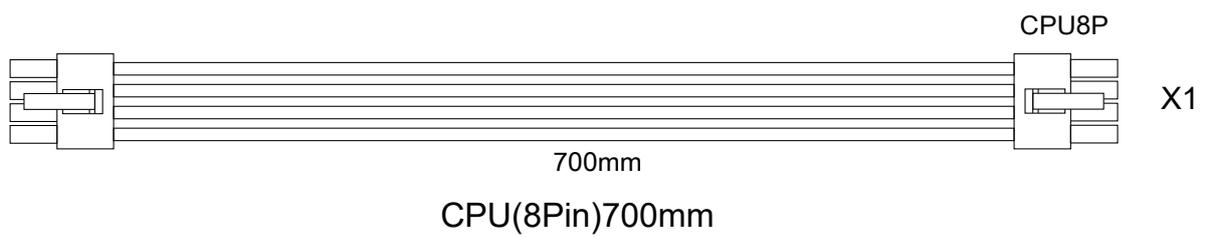
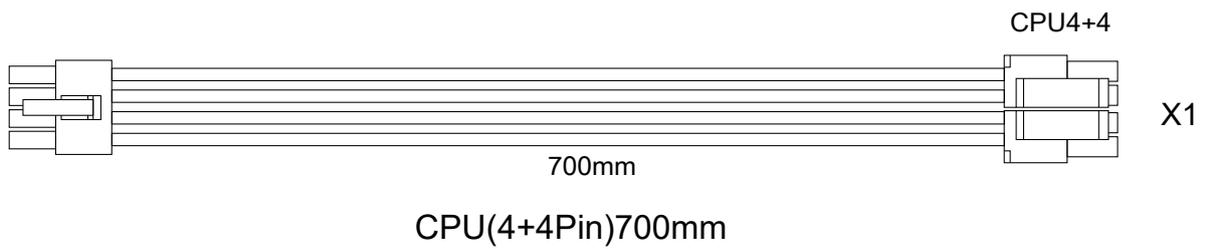
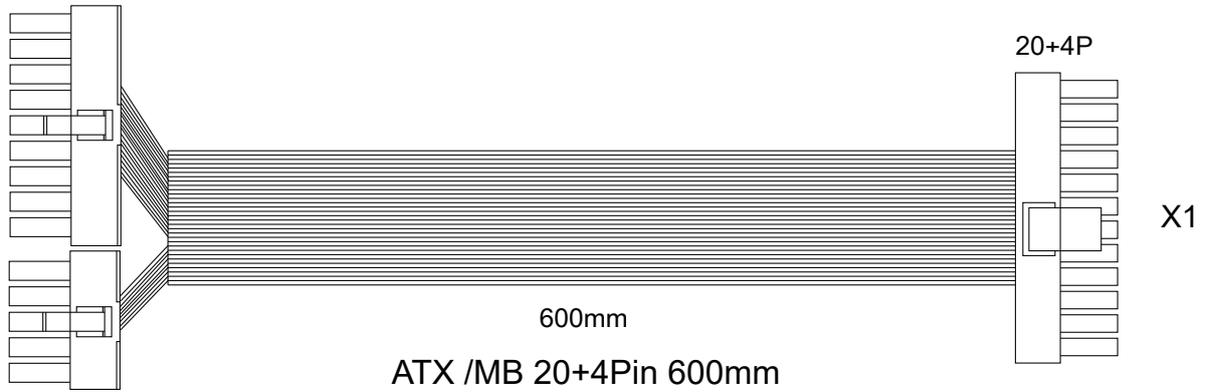
Sata x5



Molex(PERIPHERAL) x2

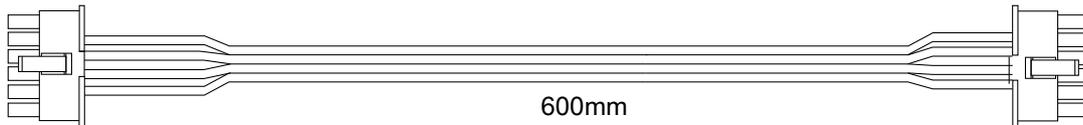
# Connectivity and Cable Lengths

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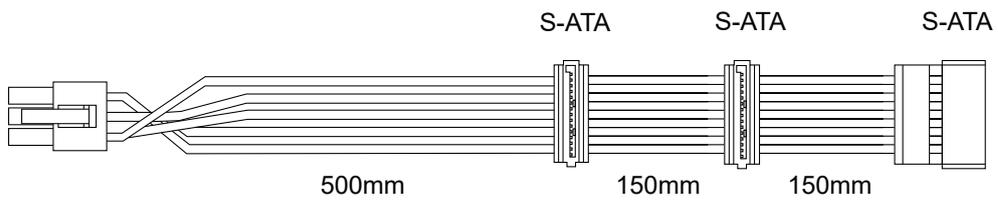
# Connectivity and Cable Lengths

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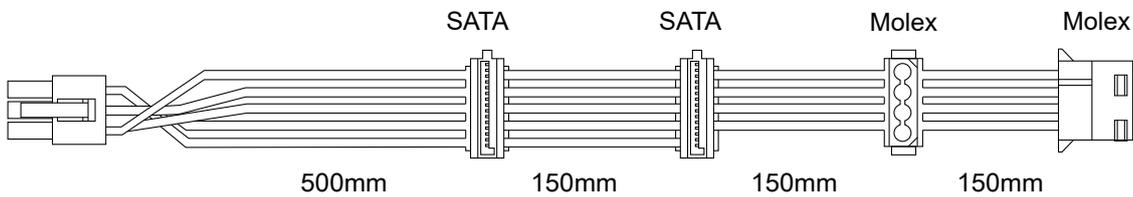
X1

PCI-E 12V-2x6(450W) 600mm



X1

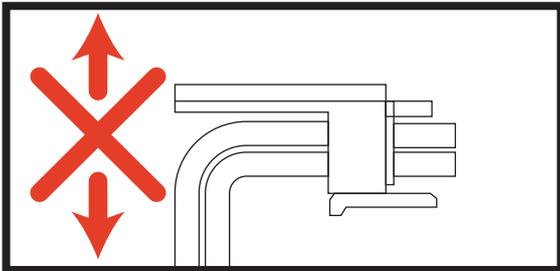
SATA 500/150/150/150mm



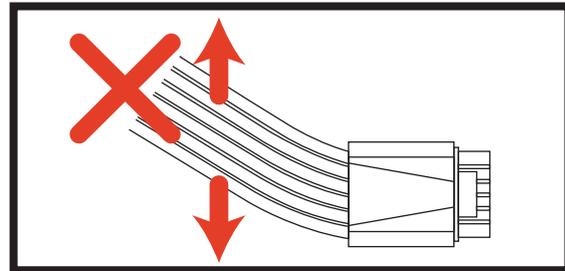
X1

SATA 500/150/150/150mm

# 12V-2x6 Cable Guide



Do not bend vertically

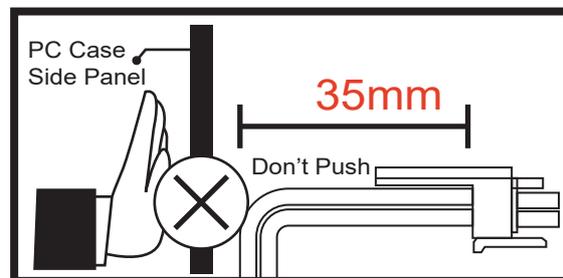


Do not bend horizontally

The 12V-2x6 connector and the terminals used in it are much smaller than the previous generation. Through our extensive testing, it appears that bending the wires too close to the connector could result in some of the terminals coming loose or misaligning within the connector itself. This may lead to an uneven load across the other wires, increasing the risk of overheating damage. The risk of this is substantially higher if the bend is done horizontally in relation to the connector orientation (left to right).



Leave enough 12V-2x6 cable length (around 35mm), then do cable management. The connectors should click to look in.



Bend starting at 35mm from connector

RTX 40/50 Series is bigger than the rest of the models therefore make sure that the width of the case is wide enough for the PSU and RTX40/50 Series GPU.

Once complete install the system, please DO NOT PUSH THE SIDE PANEL otherwise the cable will be squeezed and there will be the risk of OVERHEATING & BURNING.