

PSAZ-850G
POWER SUPPLY

850W

USER MANUAL



ATX 3.1

PCI-e 5.1
Ready

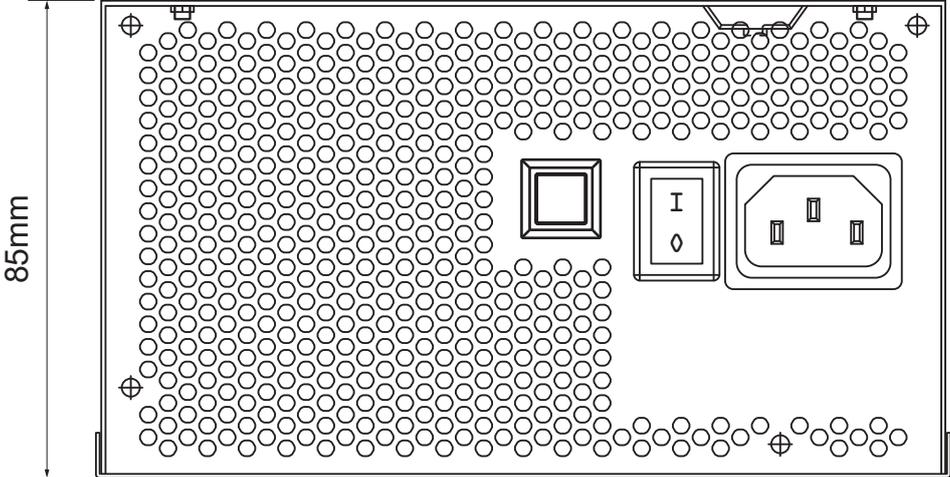
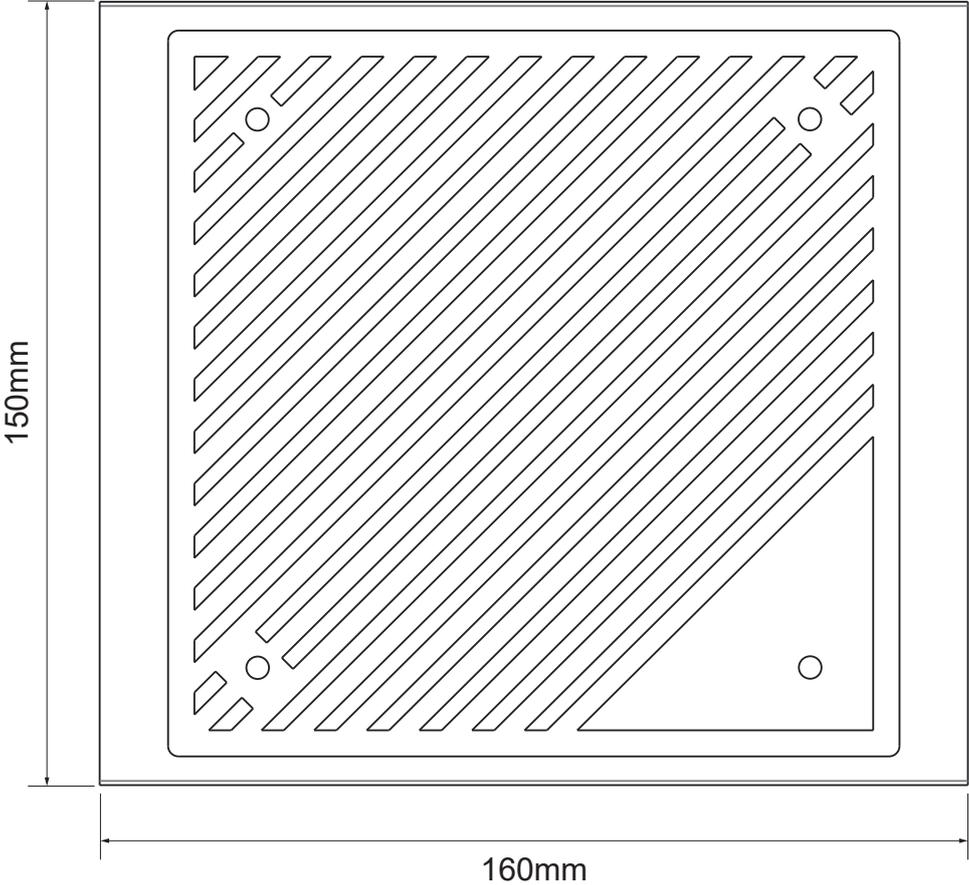
Features

- 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
- 80PLUS® Gold certified

Specifications

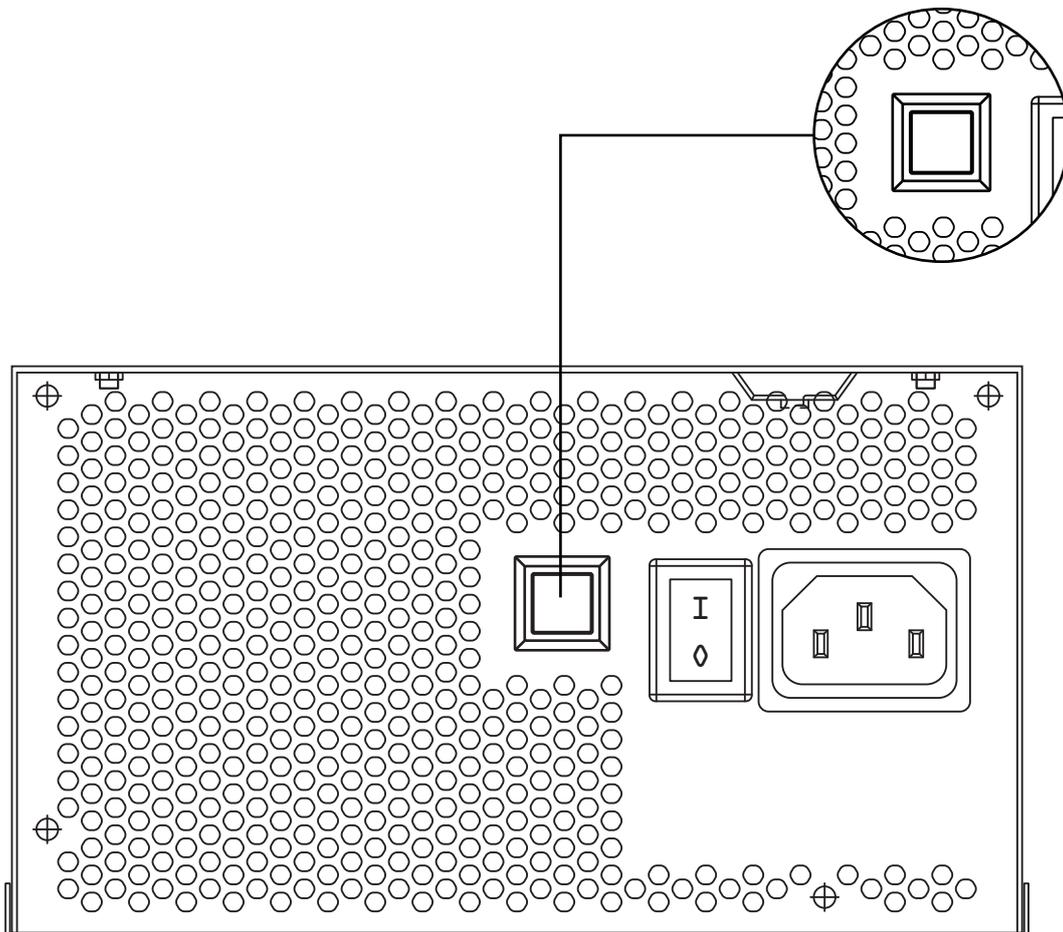
PSAZ-850G	850W GOLD				
AC Input	100-240Vac,10-6A,50-60Hz				
DC Output Voltage	+12V	+5V	+3.3V	-12V	+5VSB
MAX Output Current	70.8A	15A	15A	0.3A	3.0A
Combined Power	840W	100W		3.6W	12.5W
Total Power	850W				

Dimensions

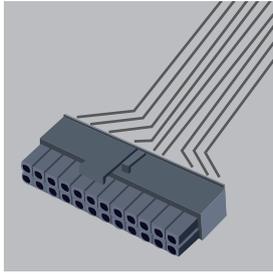


Dimensions

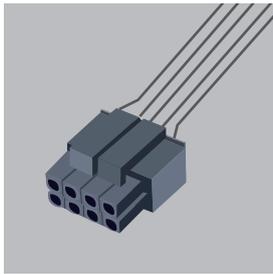
The AZZA ECO Intelligent Thermal Control System provides silent operation at low loads, improved efficiency and longer life span of the fan. Enabled by a simple switch directly on the power supply, the “No Fan Spin” feature is ideal for users looking to reduce ambient noise overall. Save on energy costs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



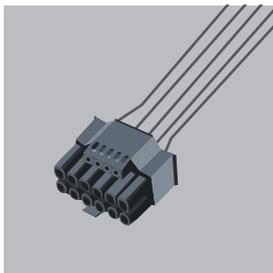
Connectors



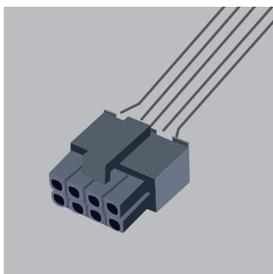
ATX 24 x1



4+4Pin x2



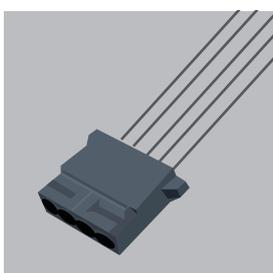
PCIe 12+4 x1



PCIe 6+2 x3

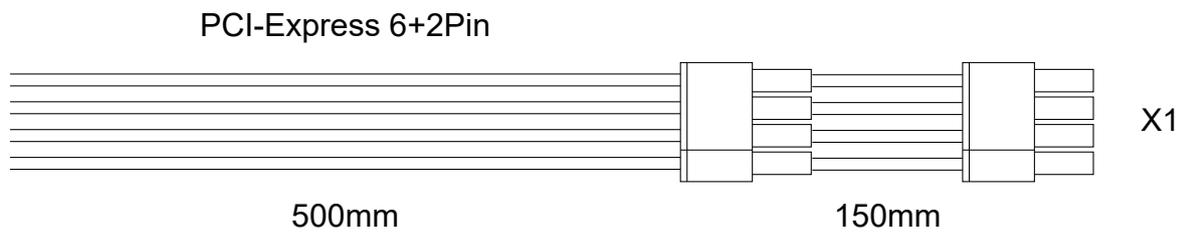
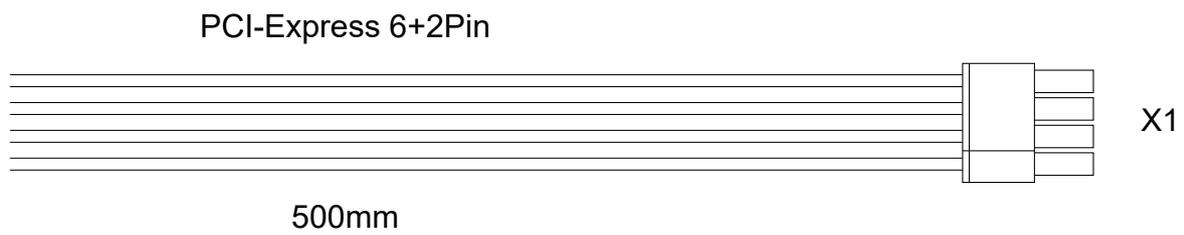
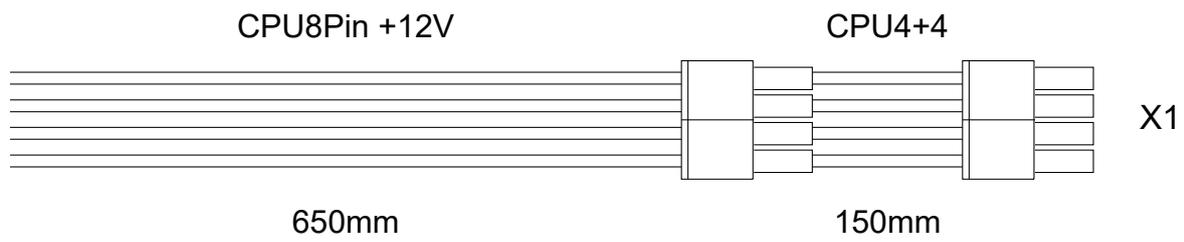
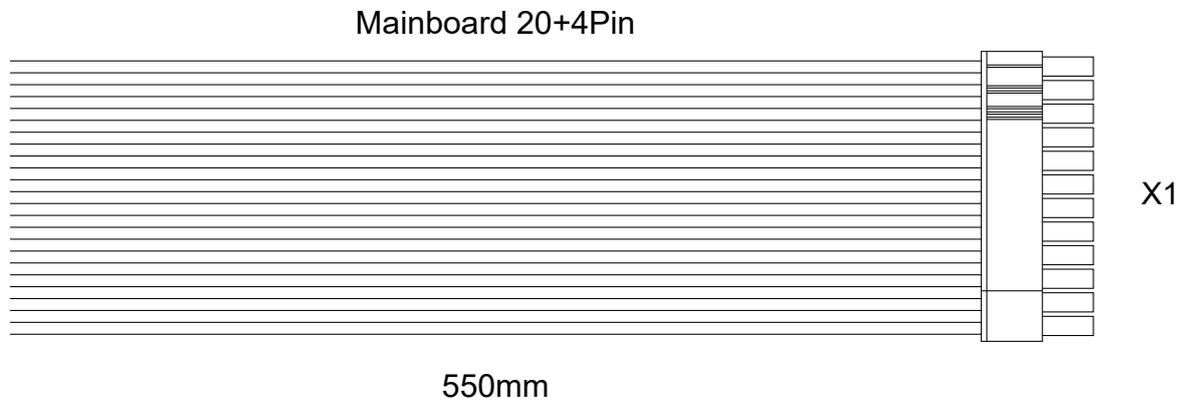


Sata x6

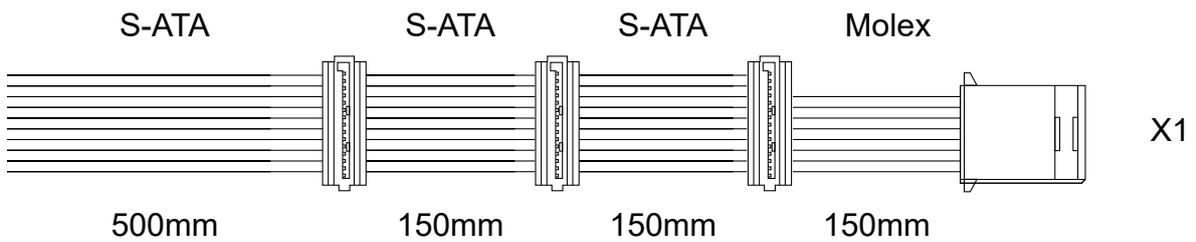
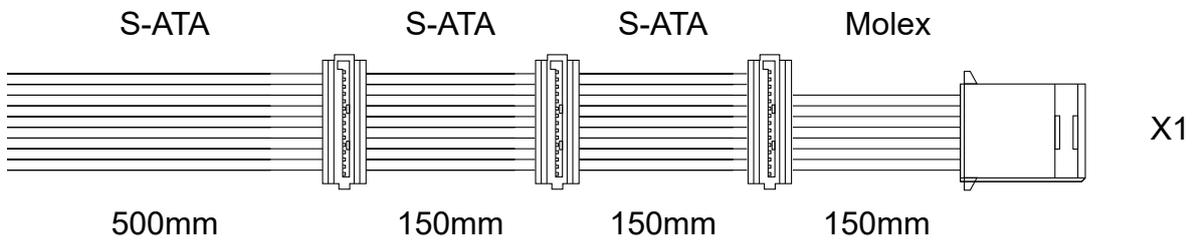


Molex(PERIPHERAL) x2

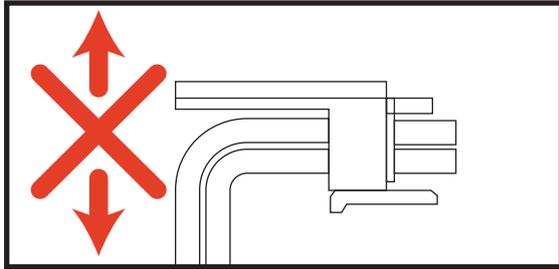
Connectivity and Cable Lengths



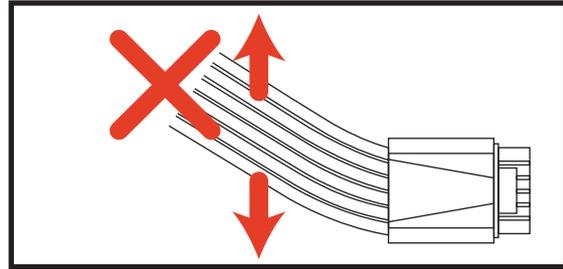
Connectivity and Cable Lengths



12V-2x6 Cable Guide

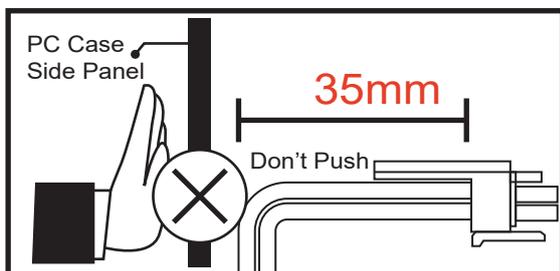


Do not bend vertically



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).



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.