



MAG Series

Motherboard

MAG A1200PLS PCIE5

MAG A1000PLS PCIE5

User Guide

Contents

- Specifications3
 - MAG A1200PLS PCIE5.....3
 - MAG A1000PLS PCIE5.....3
- Dimensions.....4
- Number of Power Connectors.....5
- Detachable Connectors.....6
- Connectivity and Cable Lengths7
- Protection Features9
 - Fan Safeguard9
 - GPU Safeguard9
- 12V-2x6 Cable Installation.....10
- Regulatory Notices.....11

Specifications

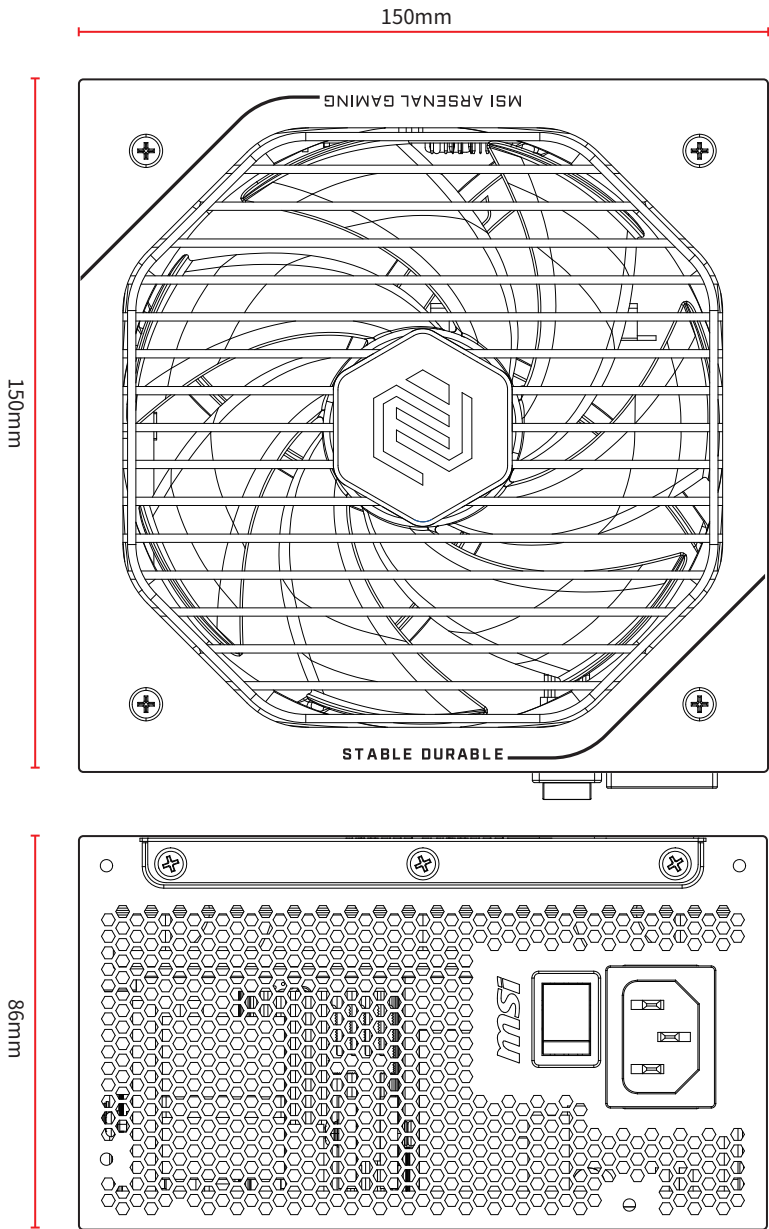
MAG A1200PLS PCIE5

AC Input	100-240V~, 15.0A, 50-60Hz Not for China 200-240V~, 7.0A, 50-60Hz For China / For High-voltage use and India			
DC Output	+5V	+3.3V	+12V	+5Vsb
	20.0A	20.0A	100A	3.0A
Total Power	100W		1200W	15W
	1200W			

MAG A1000PLS PCIE5

AC Input	100-240V~, 15.0A, 50-60Hz Not for China 200-240V~, 7.0A, 50-60Hz For China / For High-voltage use and India			
DC Output	+5V	+3.3V	+12V	+5Vsb
	20.0A	20.0A	83.3A	3.0A
Total Power	100W		999.6W	15W
	1000W			

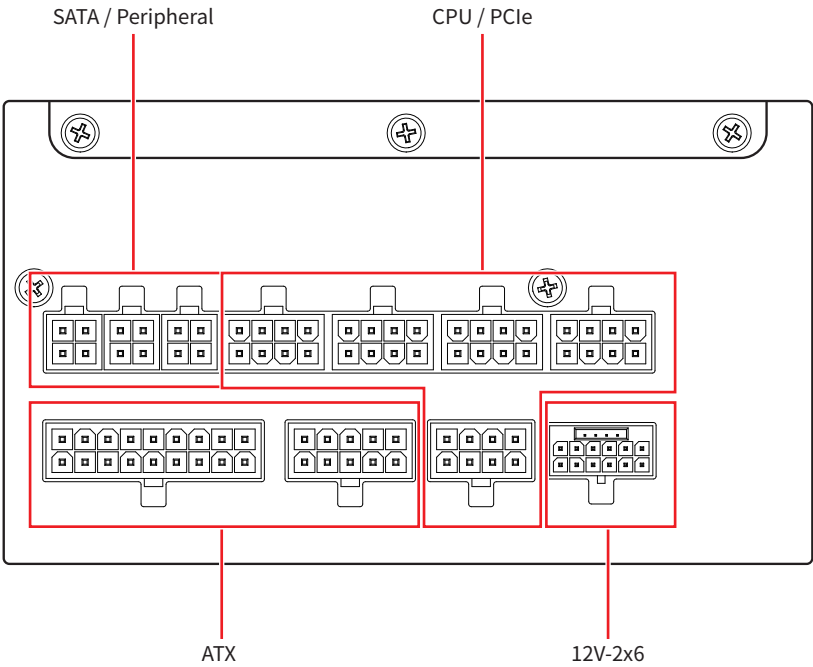
Dimensions



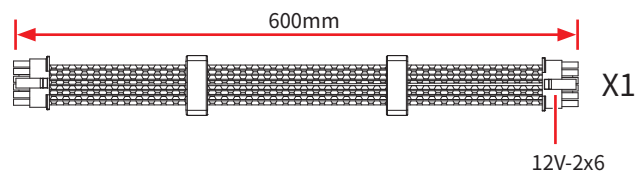
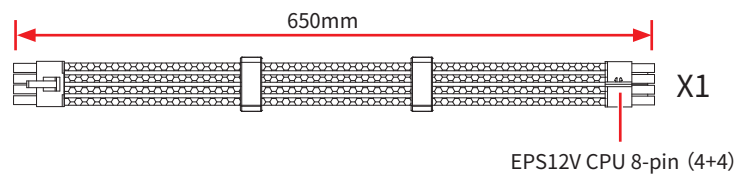
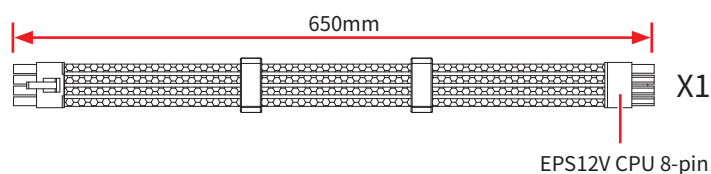
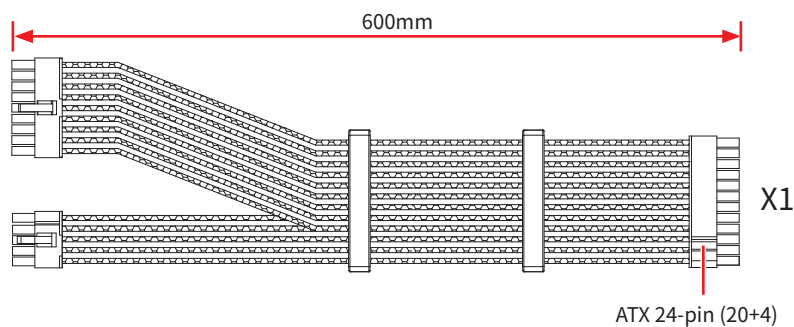
Number of Power Connectors

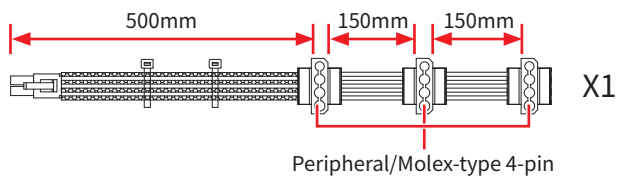
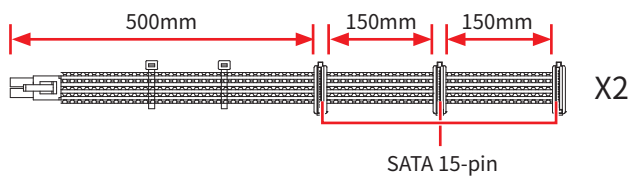
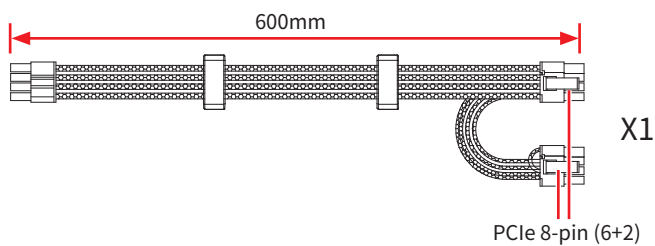
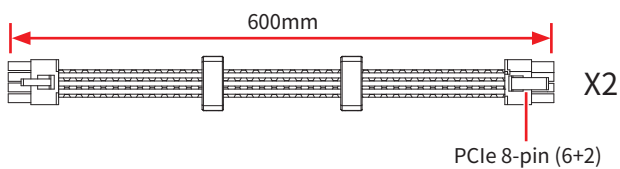
Power Connectors	MAG A1200PLS PCIE5	MAG A1000PLS PCIE5
ATX 24-pin (20+4)	1	1
EPS12V CPU 8-pin	1	1
EPS12V CPU 8-pin (4+4)	1	1
12V-2x6	1	1
PCIe 8-pin (6+2)	4	4
SATA 15-pin	6	6
Peripheral/Molex-type 4-pin	3	3

Detachable Connectors



Connectivity and Cable Lengths





Protection Features

This section details the advanced hardware protection mechanisms built into this PSU to ensure system safety and prevent hardware damage.



Important

For more information, please visit the MSI official website.

Fan Safeguard

To prevent the power supply from overheating due to cooling failure, the system features intelligent fan monitoring.

- **Trigger Condition:** Activated if the fan fails to spin when operation is required.
- **Warning Signal:** The buzzer will emit a continuous long beep.
- **System Action:** After 10 seconds of the warning alert, the PSU will automatically shut down to protect internal components.



WARNING

- If this protection is triggered, please visually inspect the fan through the ventilation grille to check for any foreign objects obstructing it. Remove the obstruction and restart the system.
- Do not open the PSU casing to check the fan. Opening the casing will void the warranty.

GPU Safeguard

This PSU is equipped with advanced current monitoring technology specifically for the 12V-2x6 connector to ensure safe power delivery to high-end graphics cards.

- **Trigger Condition:** Activated if the current on the 12V-2x6 connector exceeds the safety threshold (potential indication of poor contact or abnormal resistance).
- **Warning Signal:** The buzzer will emit a warning alert for 180 seconds.



WARNING

Please check the 12V-2x6 connection now and save your important data immediately.

- **System Action:** Following the alert, the system will cut the display signal (resulting in a black screen) to prevent connector overheating or damaging.



WARNING

If the GPU Safeguard alert is triggered:

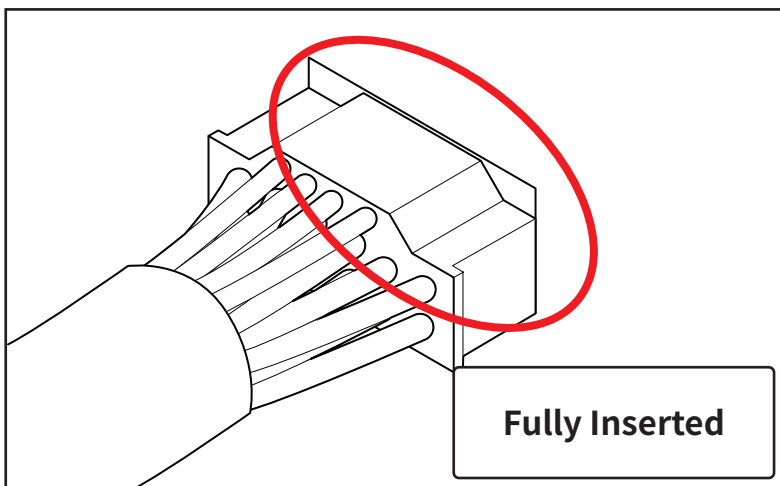
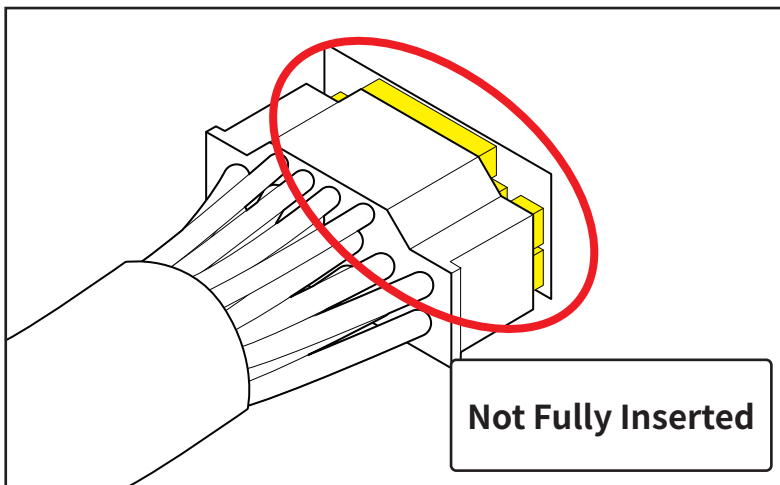
- Immediately turn off the PSU power switch and unplug the power cord.
- Inspect the 12V-2x6 cable connection at both the GPU and PSU ends.
- Ensure the connector is fully seated and the cable is not severely bent.

12V-2x6 Cable Installation



CAUTION

Please fully insert the cable before use.



Regulatory Notices

Model Number

Model No.: MS-7ZPNX, MS-7ZPNY