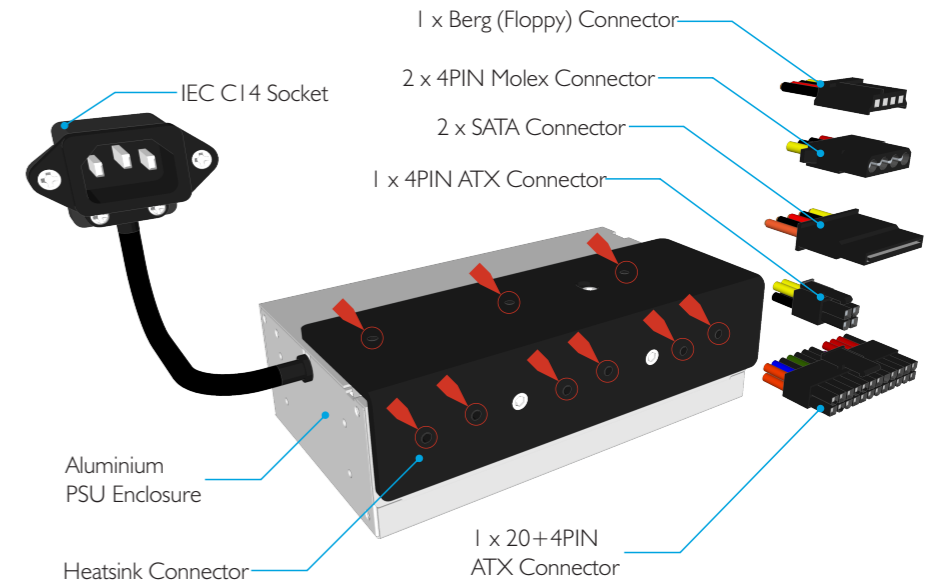# STREACOM™

# ZF240

**1 | ZF240 Overview**

The ZF240 has been specially designed to fit inside Streacom cases and utilize the heatsink of the case in order to eliminate the need for fans and provide a totally silent solution.

Unlike traditional ATX PSU's, the AC input socket is on a flexible cable and must be secured to the back socket of the case. This allows the PSU more freedom when positioning it and allows us to design cases that break the standard PC case mold.

The heatsink connector and various holes (marked in red) on both of its sides in order to mount to different cases in different orientations, but should always be mounted to the case heatsink.
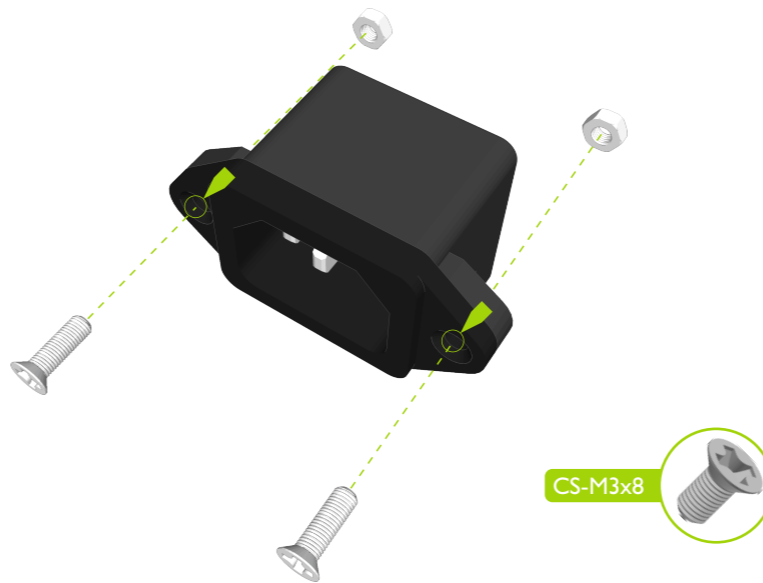
IEC C14 Socket

1 x Berg (Floppy) Connector
2 x 4PIN Molex Connector
2 x SATA Connector
1 x 4PIN ATX Connector

Aluminium
PSU Enclosure

Heatsink Connector

1 x 20+4PIN
ATX Connector

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**A Message from the Streacom Team**

"*Thank you for choosing Streacom! In a market dominated by generic and uninspired products, we are on a mission to break the mold, not only of design, but materials and finish. This is a value that is not easily conveyed in an industry preoccupied with specs and numbers, so your choice shows an appreciation and understanding of what makes our products different, and we sincerely thank you for that.*

*Every care has been taken to ensure that this product meets the highest quality and standards we have defined. If anything about this product falls short of your expectations or you have any questions that are not covered in this user guide, please contact us online at www.streacom.com/contact. We respond to every question received and your feedback is a critical part of our ongoing product development and refinement.*

*From everyone at Streacom, we hope that you enjoy using our product!*"

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**2 Remove the screws and nuts from the IEC Socket**

Prepare the ZF240 for installation to the case by removing the 2 screws and nuts pre-installed in the IEC socket. This will allow you to fit the socket to the case back panel
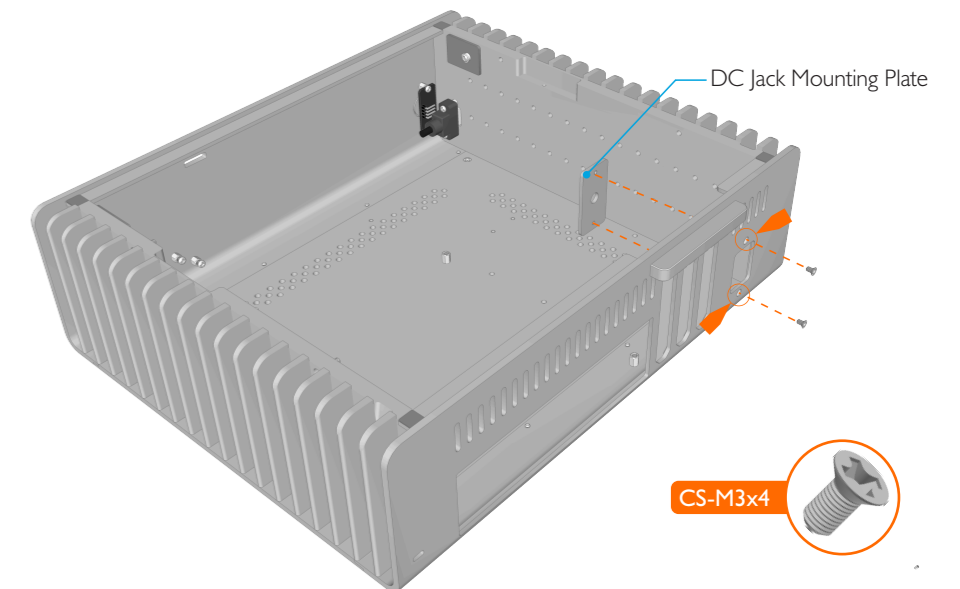
CS-M3x8

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**Specification**

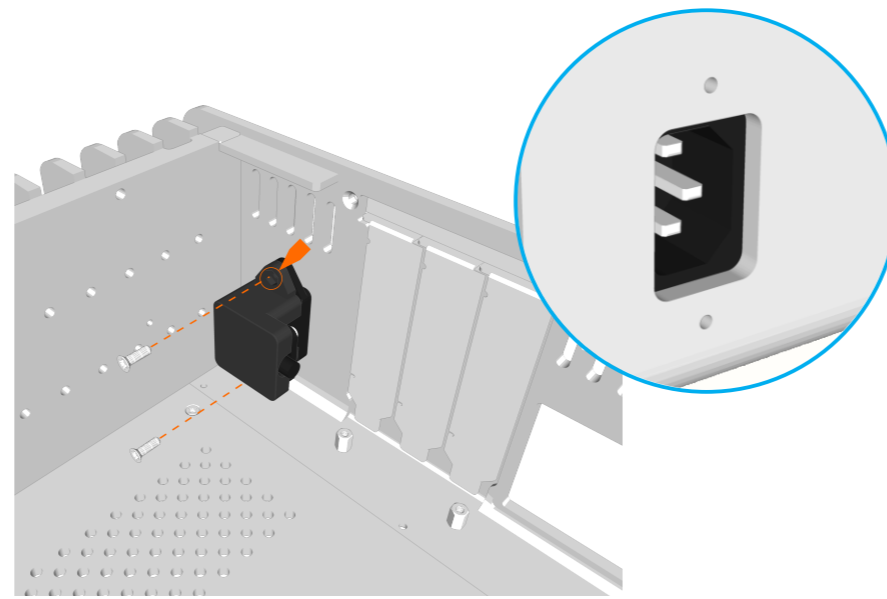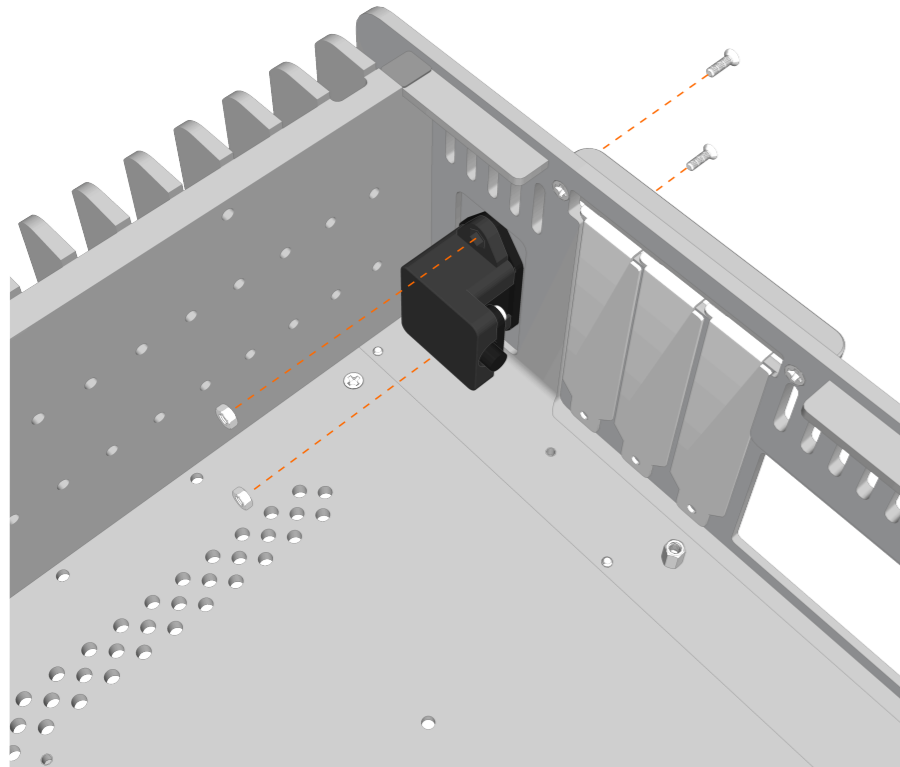| | |
|---|---|
| Power Output | 240W Total Combined Power: 3.3V @ 10A, 5V @ 10A, 5VSB @ 2A, 12V @14A, -12V @ 0.3A |
| Input Voltage Range | 100-240V AC 50/60Hz |
| Output Connectors | 1 x 20+4 ATX, 1 x 4PIN CPU, 2 x SATA, 2 x MOLEX, 1 x FDD |
| Input Connector | IEC C14 Socket |
| Input Cable Length | 150mm |
| Output Cable Length | 400mm |
| Dimensions | 139 x 86 x 47mm (LxWxH) |
| Compatible Cases | FC5 Evo* & FC5 Alpha*, FC9** & FC9 Alpha**, FC10* & FC10 Alpha* |
| Net Weight | 848g |

*Micro-ATX Only
** Mini-ITX Only

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**3 Prepare the case for installation**

All compatible cases have a DC Jack Mounting Plate installed over the IEC socket in order to allow for the NanoPSU jack. When using the ZF240, this plate will need to be removed in order to fit the IEC Socket. This is done by removing the 2 screws which secure the plate to the back panel.

DC Jack Mounting Plate

CS-M3x4

## 4a | Fitting the IEC Socket (Newer Generation Cases)

With the DC Jack Mounting Plate removed, fit the IEC socket through the opening from the inside of the case, then secure it to the back panel using the screws and nuts originally fitted to the IEC socket. Note that the screws fit from the OUTSIDE of the case and the nuts fit in the IEC socket.
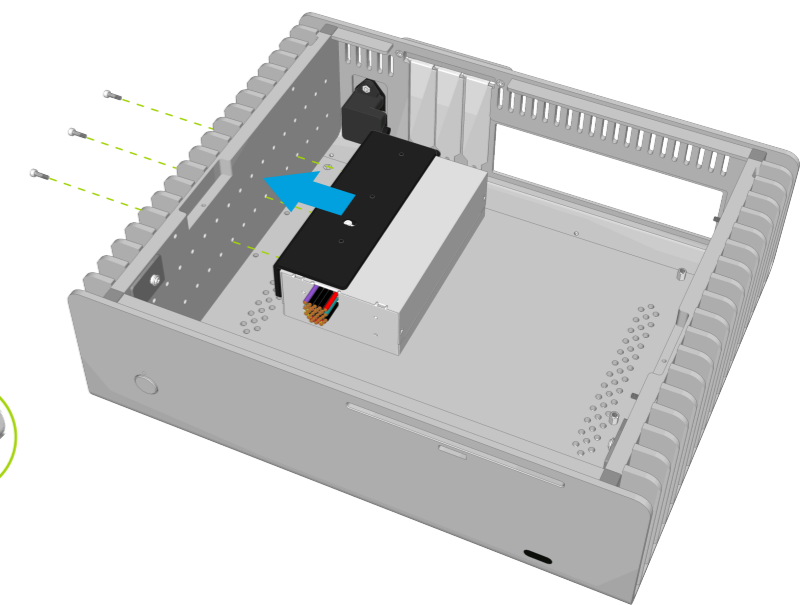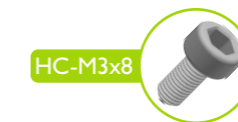


## 4b | Fitting the IEC Socket (Older Generation Cases)

With the DC Jack Mounting Plate removed, fit the IEC socket to the back panel from the inside of the case and secure it from the inside using the original screws holding the DC Jack Mounting Plate in place. Note that the screws fit from the INSIDE of the case and the socket does NOT fit through the opening but instead sits flat against the inside of the back panel.
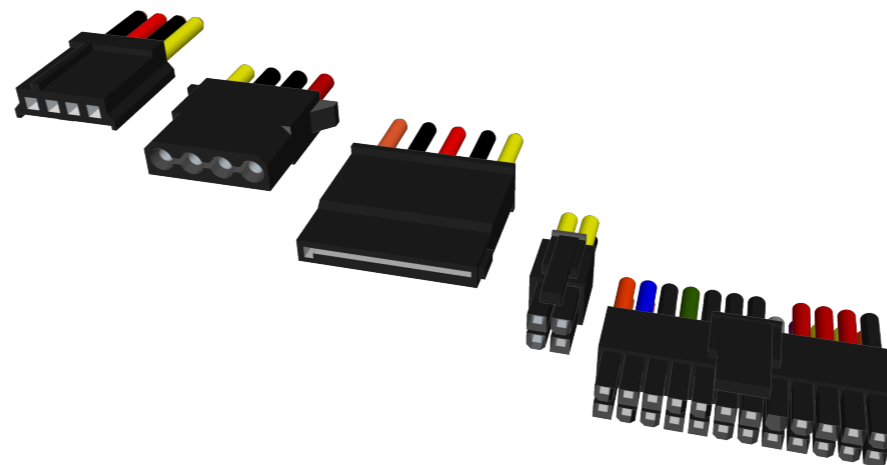
## 5 | Fit the ZF240 to the case heatsink

The ZF240 secures to the case using the 3 hex screws supplied and fixes directly to the heatsink. Place the ZF240 against the side of the case and adjust the position until the holes in the heatsink connector align with the holes in the case heatsink. Note that thermal paste is NOT required when fitting the ZF240.

HC-M3x8

## 6 | Connect all the cables

With the ZF240 and all other components fitted, connect the motherboard and peripheral hardware to the PSU. Finally, connect the mains cable to the IEC socket and power up your system.