F7C STREACOM USER GUIDE

Page

Foreword

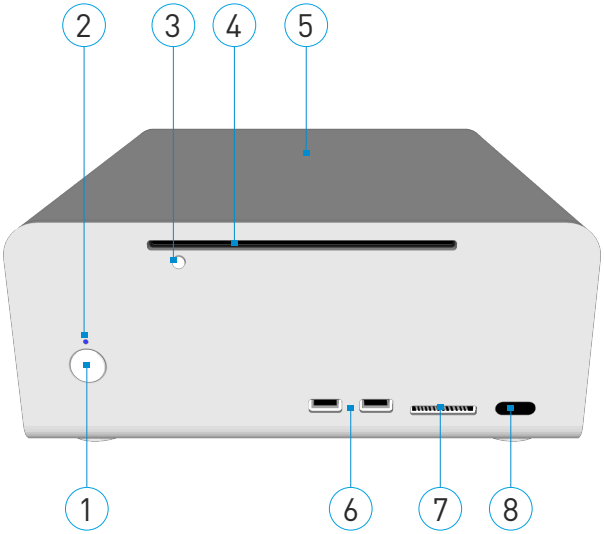
Thank you for your purchase of this Streacom product. Every care has been taken to ensure that it meets with the highest quality and standards that we have set for ourselves.

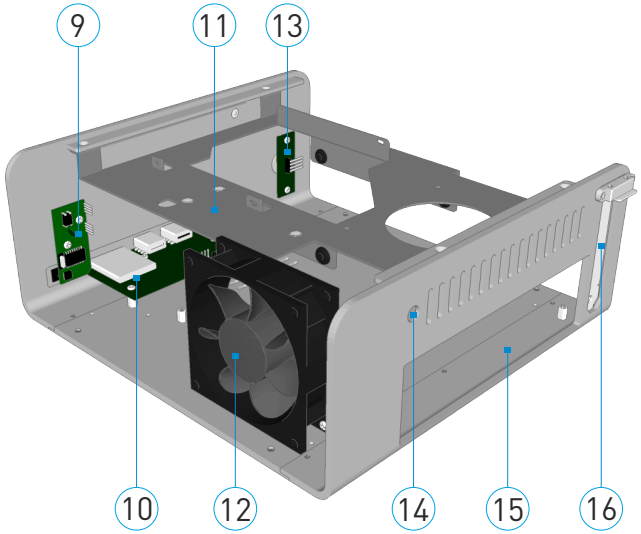
Should you have any questions that are not covered in this user guide, support can be offered via email through our website at www.streacom.com

We sincerely hope that you enjoy using our product!

Specification

Chassis Material	Aluminum
Available Colours	Silver / Black - Brushed Finish
Motherboard Compatibility	Mini ITX
HDD Drive Support	1 x 3.5" + 1 x 2.5"
ODD Drive Support	Slot loading drive, left side eject button
Cooling Method	1 x 80x80x25mm Fan (Not Included)
Front Ports	2 x USB, 1 x SD Card Reader
Dimensions	240 × 250 × 100mm (W×D×H)
Expansion Slot	1 x Low-Profile Expansion Card
Power Supply Support	Optional NanoPSU DC power
IR Solution	Optional MCE Compatible IR Receiver & Remote
Net Weight	2.5KG



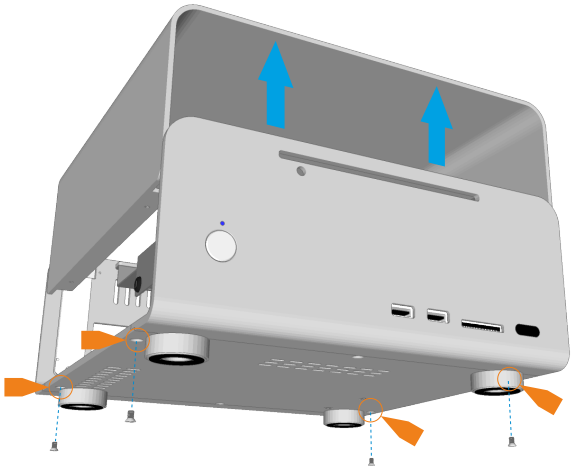


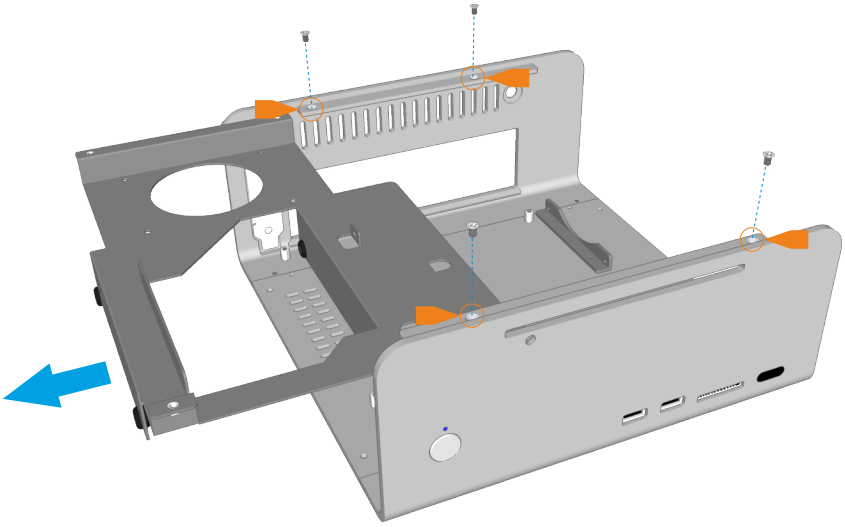
Key Features

1..... Power Button
2..... Power LED
3..... ODD Eject Button
4..... ODD Loading Slot
5..... Top Panel
6..... USB Ports 2.0
7..... SD Card Reader
8..... IR Receiver Window
9..... IRRC PCB (Optional)
10.... SD Card PCB
11.... HDD/ODD Cage
12.... 80mm Fan (Optional)
13.... Power Button PCB
14.... DC Power Jack Hole
15.... IO Shield Opening
16.... PCI Slot (Half-Height)

Removing the Top Panel

The top panel is held in place with 4 screws, all of which are accessible from the under side of the chassis. Remove the screws and slide the top panel upwards, away from the chassis.



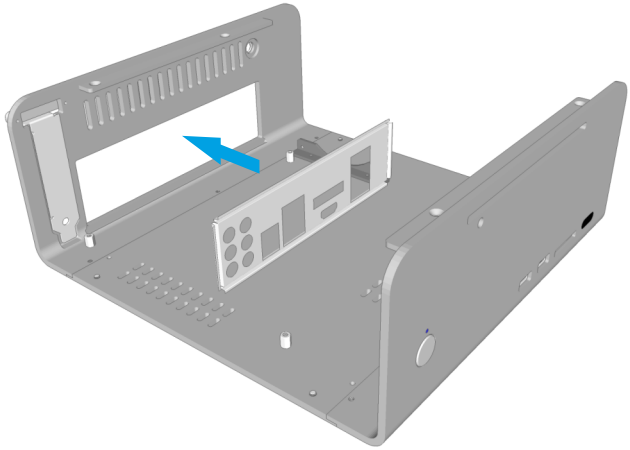


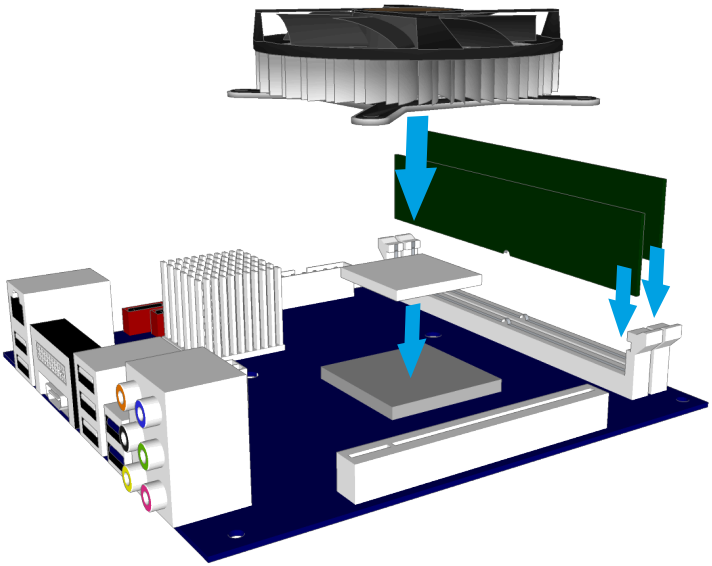
Removing the HDD/ODD Cage

The HDD/ODD cage is held in place by 4 screws which are all accessible from the top as shown. Once all 4 screws are removed, slide the cage out of the chassis.

Installing the I/O Shield

Locate the I/O shield that is supplied with your motherboard and firmly push it in place. Ensure that it clicks in place fully otherwise the motherboard will be difficult to fit.





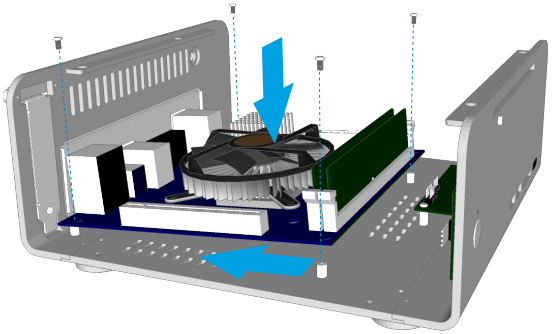
Prepare the Motherboard

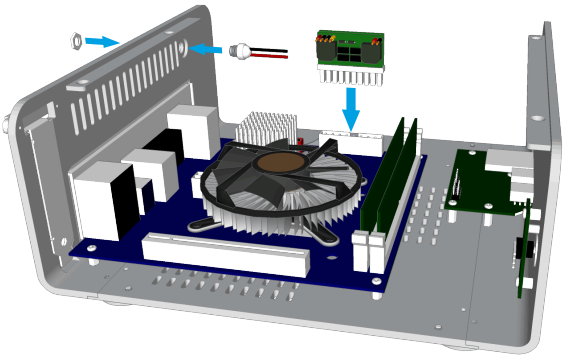
Assemble the motherboard with the RAM, CPU and CPU Cooler. When choosing a CPU Cooler for the F7C, it is important to purchase a low profile Cooler that will not interfere with the HDD/ODD cage. The choice of motherboard (CPU position) and hard drives (i.e. using a 3.5" drive), will influence the type of CPU Cooler that can be used. Always take the proper precautions when handling these sensitive components.

Installing the Motherboard

Carefully lower the motherboard into the chassis, with the I/O port side leading so that the ports can fit into the I/O shield.

When the motherboard is correctly in position, fix it to the chassis stand-offs using the screws provided. Ensure that all the holes correctly align before fully tightening the screws.





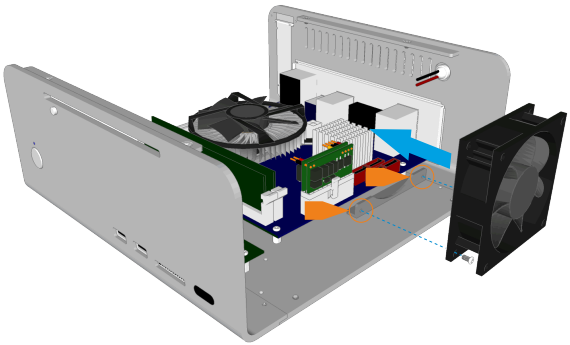
Connect NanoPSU & Other Cables

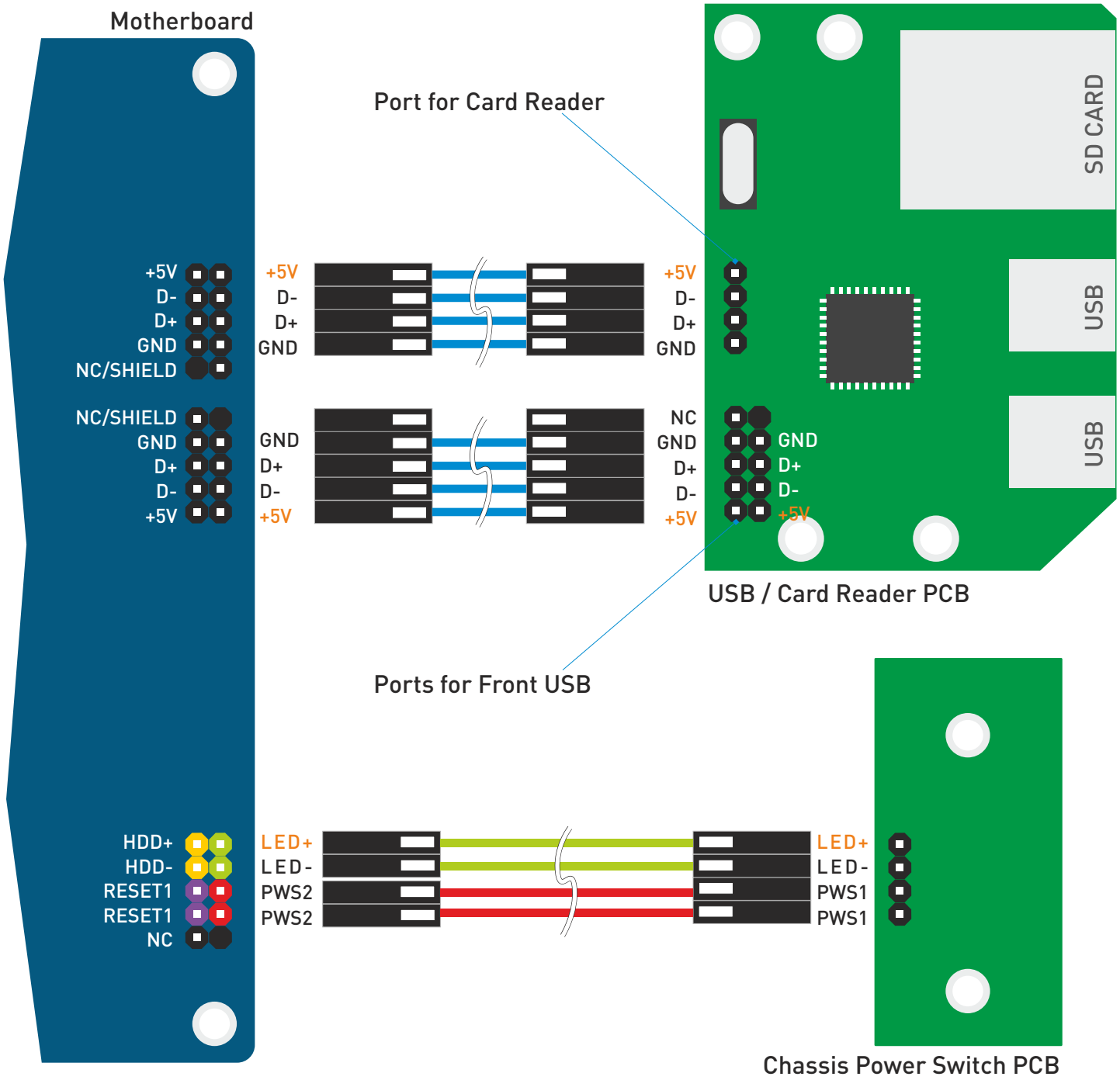
With the motherboard in place, you can now connect the PSU and any other internal connectors such as the power button switch. You should also connect the SATA cables in perpetration for installing the HDD/ODD cage assembly.

The front USB & card reader require 3 motherboard USB ports, 1 for the card reader, and 2 for the USB ports.

Fitting the Chassis Fan

The F7C can accommodate a single 80x80x20mm fan to remove warm air from inside the chassis. The fan is not supplied with the chassis and must be purchased separately.
To install the fan, align it with the fan bracket and secure it in place with 2 screws as shown.





Cable colours shown are for illustrative purposes only, actual colours will vary.

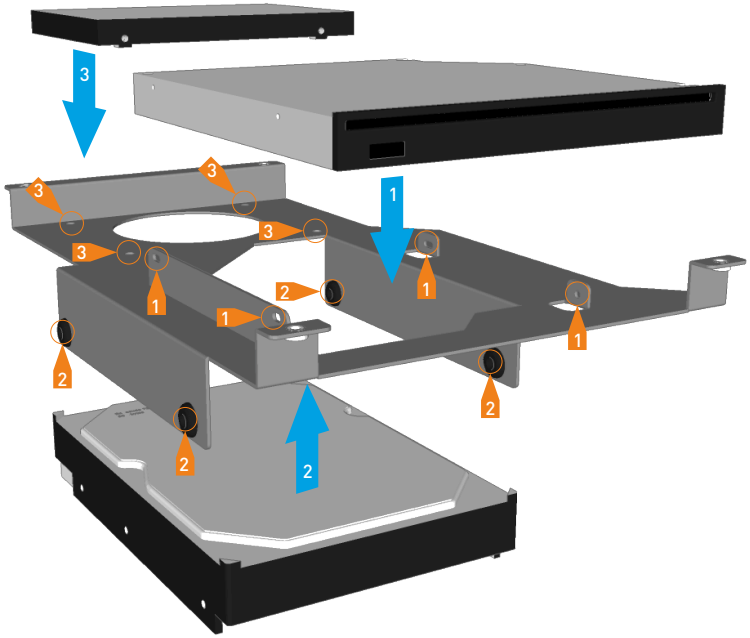
Installing the HD and OD Drives

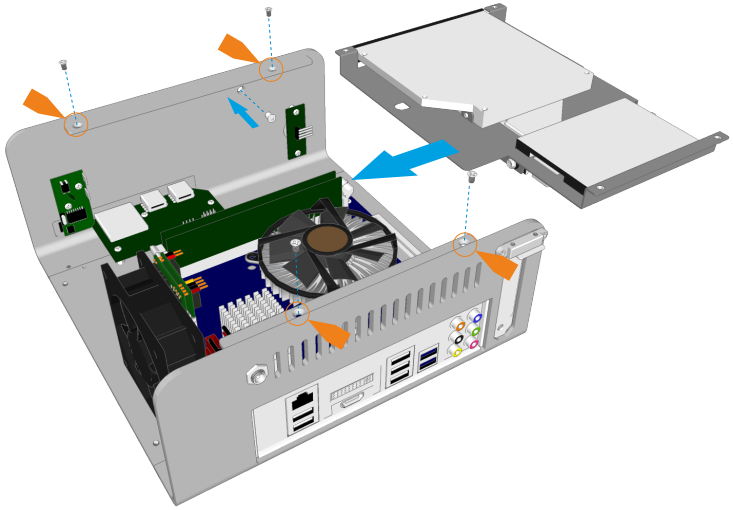
With the cage out of the chassis, all the drives can fitted with ease.

The slot loading optical drive is mounted using 4 screws, 2 either side. The mounting holes are rectangular which allows for small adjustments to the position on the drive. This is useful when adjusting the proximity to the chassis eject button.

The 3.5" hard drive fits under the optical drive and has 4 rubber dampeners to reduce noise from hard drive vibrations.

The 2.5" hard drive can be mounted behind the optical drive and is secured underneath with 4 screws.





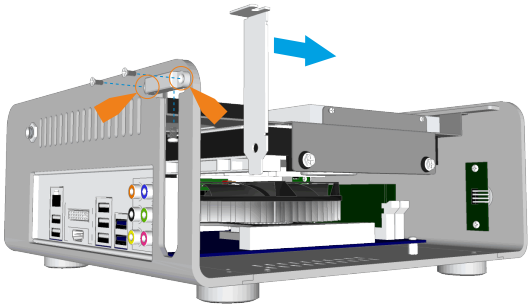
Fitting the Eject Button and HDD/ODD Cage

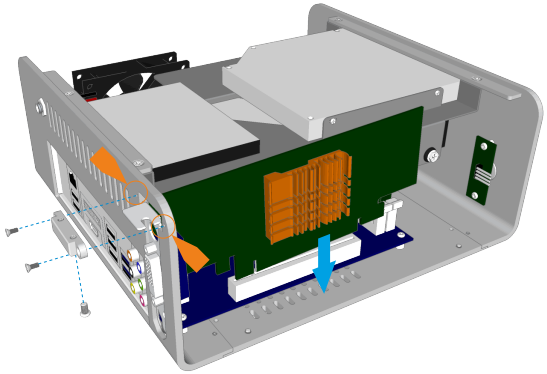
Prior to replacing the HDD/ODD cage into the chassis, the ODD eject button should be fitted. The eject button is packed with the other screws and accessories and simply fits as shown into the hole below the ODD slot.

The cage can now be replaced into the chassis. Carefully slide the assembly ensuring cables are routed correctly and that the ODD eject button aligns and is held in place by the optical drive. The cage is secured by 4 screws from above.

Installing PCI Card (Optional)

To install an expansion card, first remove the pre-installed PCI blanking plate by removing the single lower screw. The PCI mount can also be removed to make it easier to install the expansion card. This is done by removing the 2 screws either side on the mount.

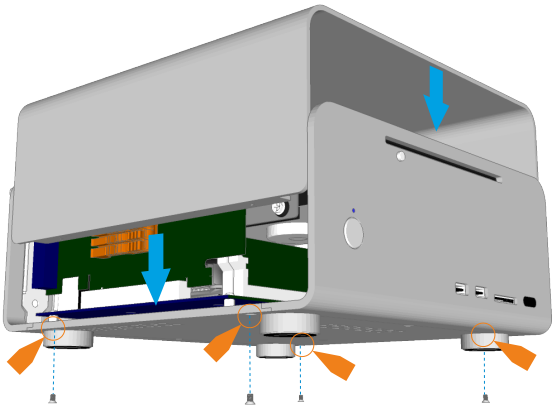




Carefully place the card into the motherboard slot ensuring the rear side (where the ports are located) firstly passes through the expansion slot opening of the chassis. Once the card is fully seated into the motherboard, replace the PCI mount and finally secure the card with the single screw from underneath the mount.

Replace the Top Panel

With all the components installed, all that remains is to replace the top panel. Prior to doing this, ensure that all cables are connected and all components are securely fitted. Replace the top panel and secure it in place using 4 screws from under the chassis.



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