Assembly documentation

BALTHAZAR

a Personal Computing Device

This manual will guide you through the steps required to assemble Balthazar's case.
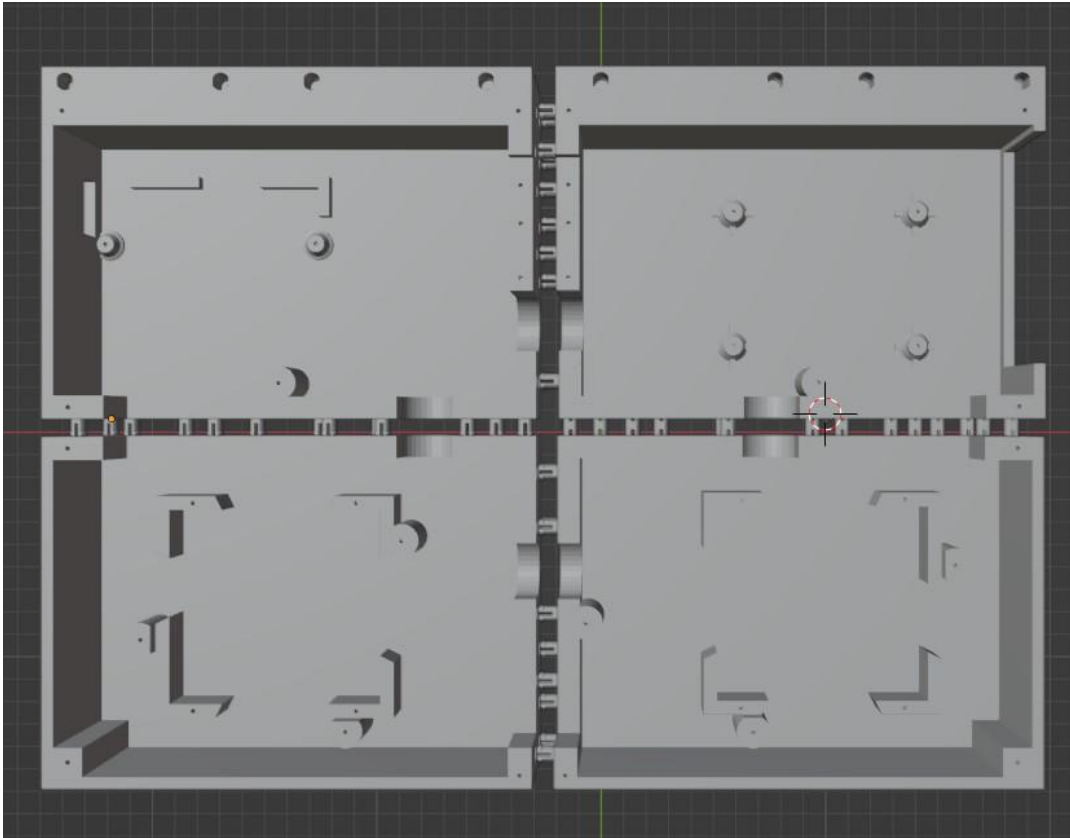
1. **DOWNLOAD CASE STL FILES**
- Battery_cover.stl
- CASE_bottom_down_left.stl
- CASE_bottom_down_right.stl
- CASE_bottom_up_left.stl
- CASE_bottom_up_right.stl
- CASE_top_up_right.stl
- CASE_top_down_right.stl
- CASE_top_up_left.stl
- Hinge_holder_and_connector.stl
- Hinge_long_rotate_45_on_Z_to_fit_prusa_mini.stl
- LCD_Holder_bottom_side_down_left.stl
- LCD_Holder_bottom_side_down_right.stl
- LCD_Holder_bottom_side_up_left.stl
- LCD_Holder_bottom_side_up_right.stl
- LCD_Holder_top_side_1.stl
- LCD_Holder_top_side_2.stl
- LCD_Holder_top_side_3.stl
- LCD_Holder_top_side_4.stl
- LCD_LOGO_Connector.stl
- Universal_Connector_for_case.stl

2. **REQUIRED CONTENT**

- 3D PRINTED PARTS
- 3D PRINTED BATTERY COVER x 2
- 3D PRINTED UNIVERSAL CONNECTOR x 100
- BAG OF SCREWS 8 x   M2 x 6mm
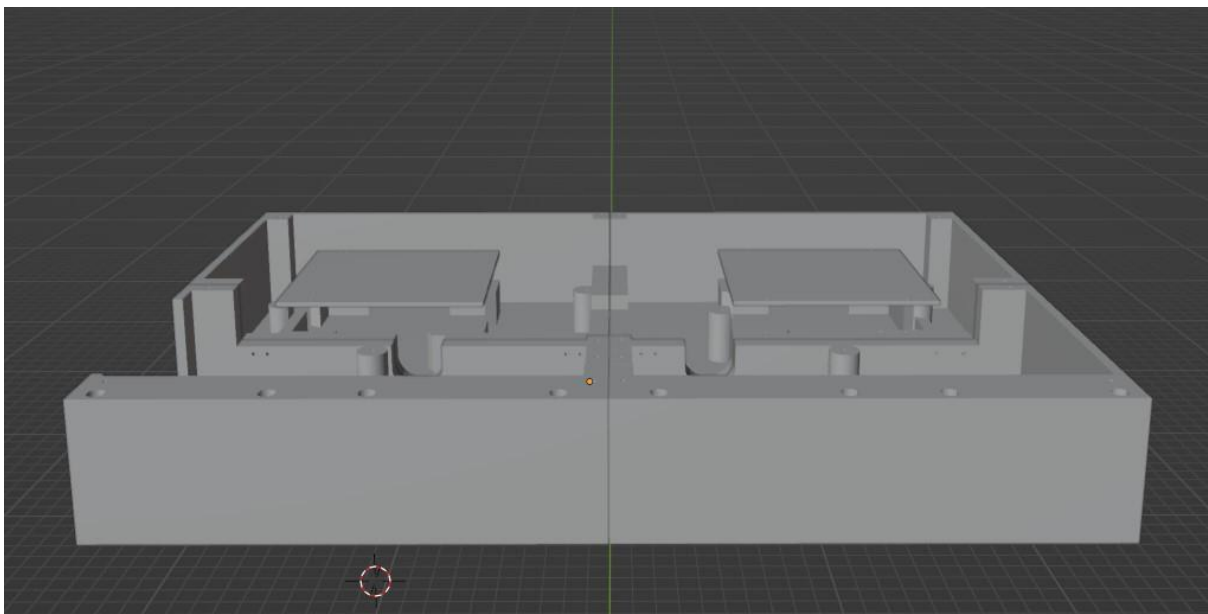   24 x   M2 x 10mm

- METAL BARS   2 x   58 x 5mm

3. CONNECT THE BOTTOM PARTS OF THE CASE WITH CONNECTORS

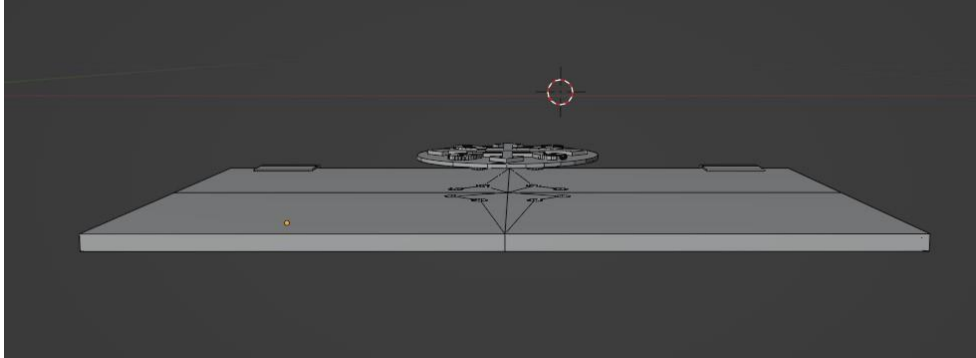REQUIRED: 92 UNIVERSAL CONNECTORS

4. PUT ON THE BATTERY COVERS AND TIGHTEN WITH SCREWS

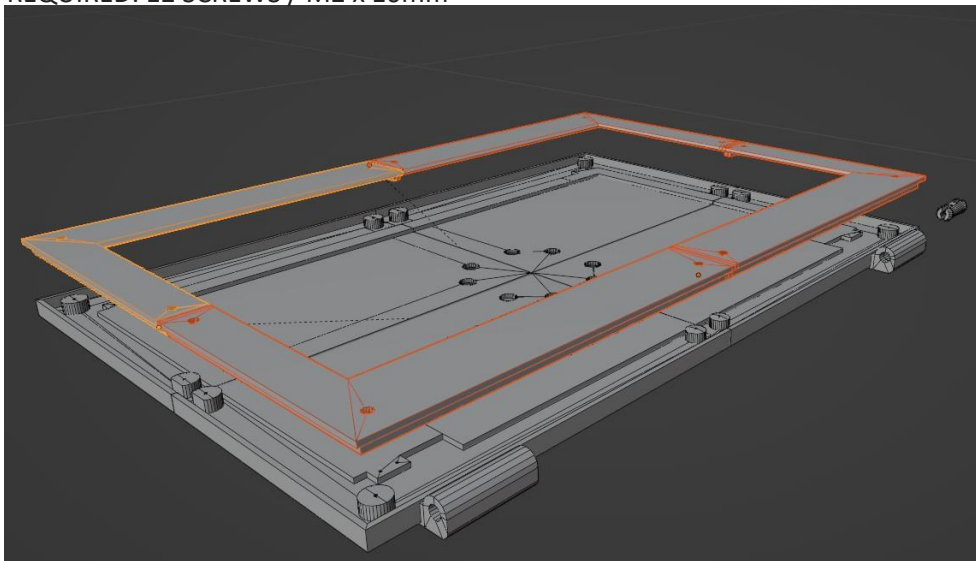REQUIRED: 8 SCREWS / M2 x 6mm

5. ASSEMBLE THE LAPTOP COVER

FIRST JOIN THE CIRCULAR LOGO AND THE 4 PIECES OF THE TOP OF THE LAPTOP COVER
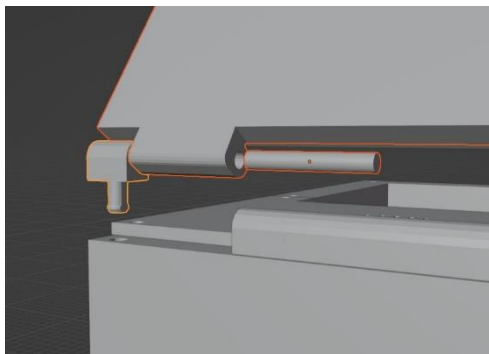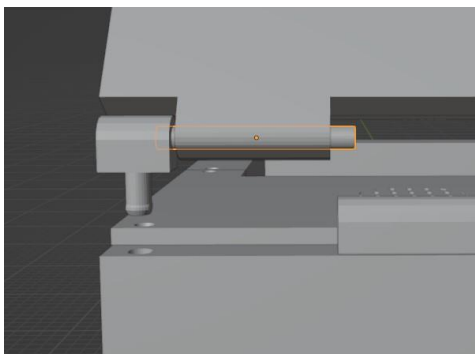

THEN ASSEMBLE THE LOWER AND UPPER PARTS OF THE LAPTOP COVER WITH SCREWS
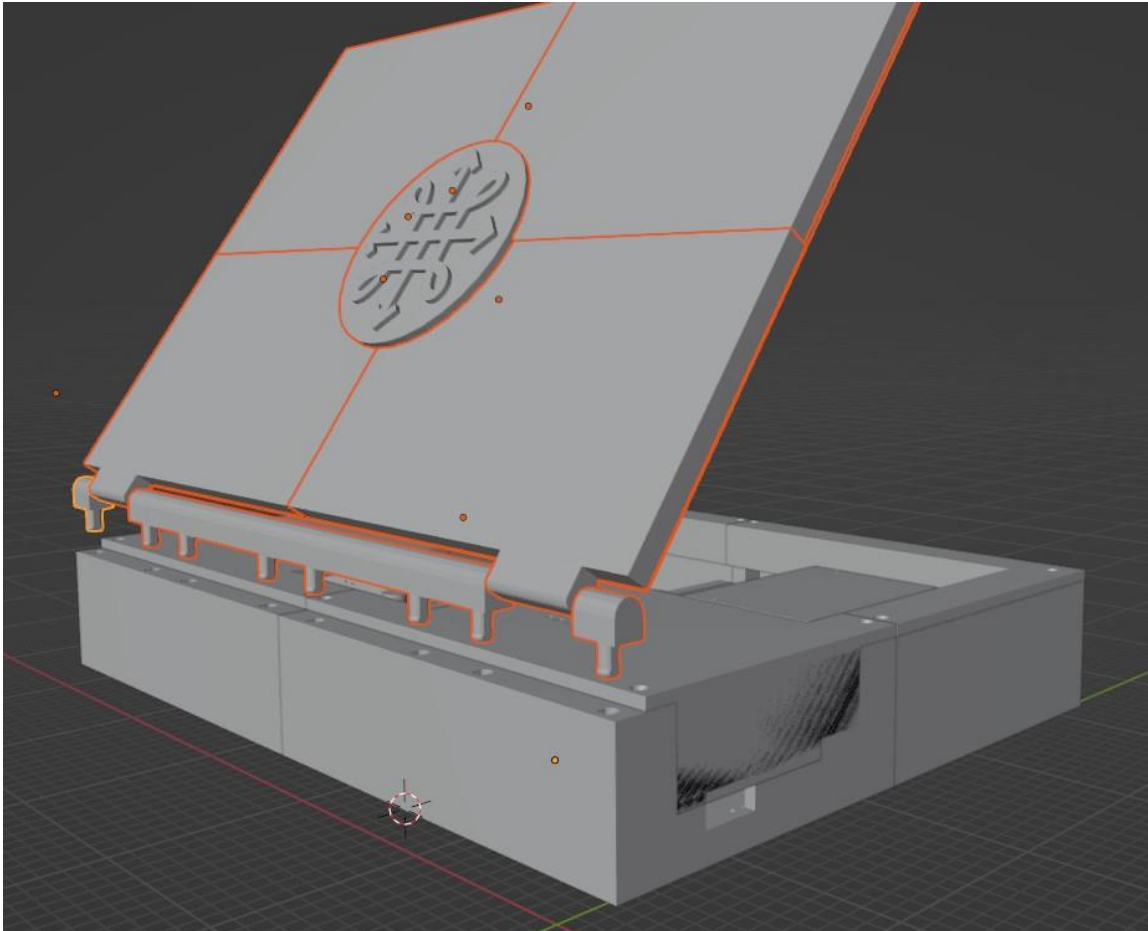
REQUIRED: 12 SCREWS / M2 x 10mm

BEFORE CONNECTING THE HINGES TO THE LOWER PART OF THE CASE,

CONNECT THE HINGES AND LAPTOP COVER WITH ROUND METAL BARS

5. PRESS THE CONNECTORS INTO THE HINGES AND THEN INTO THE LOWER PART OF THE CASE

REQUIRED: 8 UNIVERSAL CONNECTORS

6. ASSEMBLE THE TOP ELEMENTS OF THE CASE WITH SCREWS

REQUIRED: 12 SCREWS / M2 x 10mm