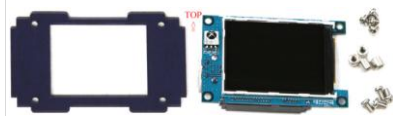


Assembly Guide



Step 1

Peel the protective backing off both sides of all the laser-cut parts.



Assemble the front piece first.

You will need (D), 4 x (M), 4 x (K), 4 x (N) for the following step. This will be the front of your CloudShell.



Step 2

Add a spacer(M) on each screw(N) and give them a just few easy turns. Turn a screw with a screwdriver holding the hex spacer with the part(C). Check Step 7.

Don't tight it too much or you will crack the acrylic piece.



Step 3

You need to do the same process at the four holes. The left side is the top side. The top side of the CloudShell board is narrow bezel side.



Step 4

Align the CloudShell board. Tight it with a screw(N). Turn the screws only with gentle pressure.



Step 5

The CloudShell board is tighten on the front pice(D) with four screws. Please check whether the LCD viewing area is right.



Assemble the bottom piece.

You will need (B), 4 x (J), 2 x (L), 6 x (H) for the following step.



Step 6

Two spacers(L) need to position at top two holes. Tight it with screws(H). Check the picture at Step 8.



Tip!

Hold the hex spacer with part(C).



Step 7














Four spacers(J) need to position at the bottom holes.



Step 8

Check your spacers are at the right location. Two (L) spacers at top side and four (J) spacers at bottom side.

	<p>Assemble the front piece, bottom piece and HDD.</p> <p>You will need the front and bottom assembled parts, 4 x screws(H) and 2.5inch HDD for the following step.</p> <p>The package do not include the HDD.</p>
	<p>Step 9</p> <p>Place the CloudShell board piece to the slot at the bottom piece close to part(L) installed.</p>
	<p>Step 10</p> <p>Sit the 2.5inch HDD on the bottom piece and push to the SATA connector on the CloudShell board.</p>
	<p>Step11</p> <p>Grab the HDD together with the bottom piece. And turn the screw(H) to hold the HDD with the bottom piece. All the standard HDD has holes for 3mm screws.</p>
	<p>Step 12</p> <p>Lock the HDD with 4 screws. You can unlock the 4 screws only when you need to remove HDD.</p>
	<p>Install ODROID-XU4</p> <p>You will need above assembled parts, (P), 2 x (H), 2 x (I), (G) and ODROID-XU4.</p> <p>If you are using an eMMC Module, OS installed eMMC Module must be plugged before proceeding next step.</p>
	<p>Step 13</p> <p>Align the mounting holes of the ODROID-XU4 on the spacers. HDMI connector and LAN connector must be outside. Add 2 x spacer(I) at bottom side and give them just a few easy turns.</p>
	<p>Step 14</p> <p>Tight the ODROID-XU4 with 2 x screws (H)</p> <p>Screws are inside and spacers are outside.</p>
	<p>Step 15</p> <p>Turn the spacers with the piece(C) with gentle pressure.</p>
	<p>Step 16</p> <p>Bend the USB3.0 cable(P) for easy plugging.</p>

	<p>Step 17</p> <p>Plug USB type A connector to the ODROID-XU4 and plug USB type B connector to the CloudShell board. We recommend to plug USB type A connector to upper slot and install the cable gently. Or you can install the cable first before install ODROID-XU4 board from step 13 to step 15.</p>
	<p>Check the USB cable direction.</p>
	<p>This is the right on upside.</p>
	<p>Step 18</p> <p>Plug the ribbon cable(G) to the 30pin GPIO port on the ODROID-XU4. Make sure the pins are aligned, not off by one.</p>
	<p>Step 19</p> <p>Plug the the other side of ribbon cable(G) to the 30pin I/O connector on the CloudShell board.</p>
	<p>Step 20</p> <p>Assemble all the remaining pieces.</p> <p>You will need above assembled part, (A), (C), (E), (F) and 4 x screws(H)</p>
	<p>Step 21</p> <p>Place a side piece(E) or (F) into the slot at the bottom piece. Both pieces are identical. The side pieces (E) and (F) are identical, hence you can install flip it up/down or left/right. You also can install up to two 40mm FAN (not included) on a side piece.</p>
	<p>Step 22</p> <p>Place the other side piece(E) or (F) into the slot at the bottom piece. Both pieces are identical.</p>
	<p>Step 23</p> <p>Place the back piece(C) into the slot at the bottom piece. Check the connector shape. If you have to remove SD card frequently for updating or development, you can ignore to install the piece (C).</p>
	<p>Step 24</p> <p>Place the top piece(A) on it. The vent hole at the top piece must be above the cooling fan on the ODRIOD-XU4.</p>
	<p>Step 25</p> <p>Tight it with 4 x screws(H).</p>
	<p>This is the final picture upside.</p>
	<p>Step 26</p> <p>You need to paste 4 x silicon supporters on the bottom piece. It is to avoid some scratch on your desk caused by the screws. You can place it with your preference.</p>