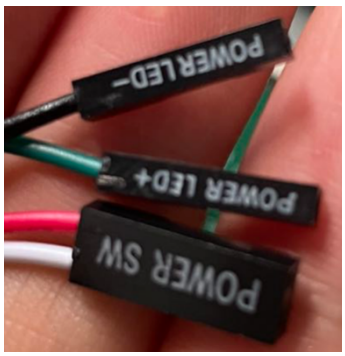
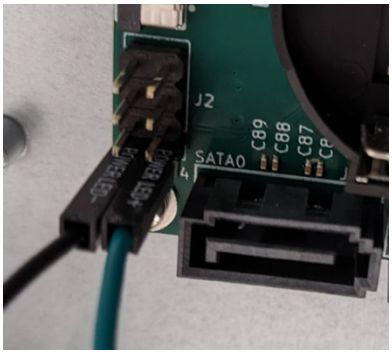
Setting Up Your Interceptor 1U System

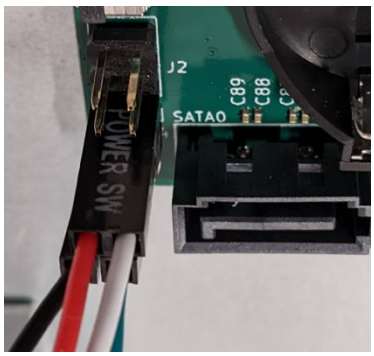
Axzez LLC is excited to introduce our first case offering, our Interceptor 1U System. With support for up to 5HDDs and 16 PoE ports, we've worked hard to create a case that can meet several different needs (NAS, PoE, managed switch, or all three!).

To **remove the lid** of your Interceptor 1U System, you'll find there are 5 screws that hold the lid in place: 1 in the back middle and 2 on each side. Once removed, slide the lid backward and then lift the back end of the lid to pull it off the case.

Each Interceptor System will support one Interceptor Carrier Board, up to two Interceptor PoE Boards (8 or 16 ports), one Flex PSU, one Power Converter, and up to five HDD/SSDs. The Power Converter provides 30W to each PoE port when used with a single Interceptor PoE Board (8 ports), or 15W to each PoE port when used with two Interceptor PoE Boards (16 ports).

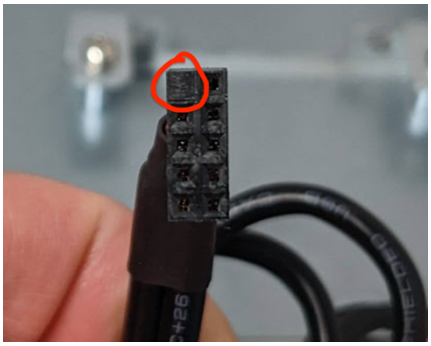


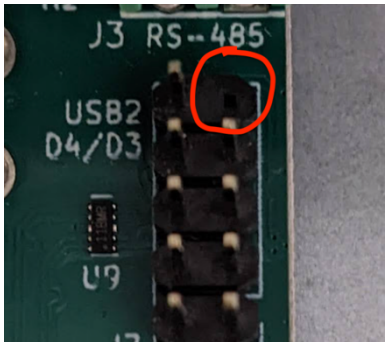




The **power button** has three connectors (left picture above), the larger of which is the power switch with red and white wires. The other two are the Power LED + (green wire) and – (black wire) connectors. As noted on our Axzez Interceptor Carrier Board Insert, the pins on the 8-pin header start with pin 1 on the bottom (pins closest to SATA connectors) right and pin 2 on the left. Pin 1 is Power LED+ and pin 2 is Power LED- (middle picture above). The Power Button connector can be connected to pins 3&4 (right picture above).

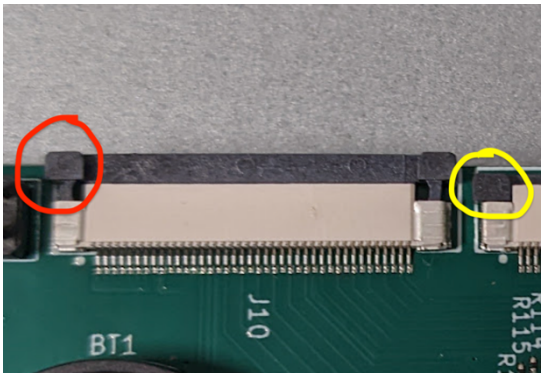
To connect the **front USB** 2.0, you'll need to take the 9-pin connector (picture right top) and plug it into the 9-pin header at the upper right-hand corner of the Interceptor Carrier Board (picture right bottom), ensuring to line up the blocked hole with the missing pin on the header. Plug the connector in fully.



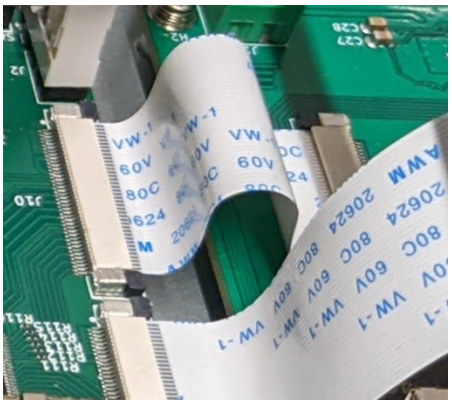


Interceptor System Setup Continued…

If you have a **PoE Board(s)**, you need to connect it/them to the Interceptor Carrier Board via the provided FFC cables. Push the two clips (one on each side of the connector) until they slightly pop out to open the connector. In the picture to the right, the red circle shows an open connector, and the yellow circle shows a closed/locked connector.



The picture to the right shows a successfully plugged in FFC cable with the connector locked so the cable cannot be removed. Notice the PoE Board to the immediate right has the shorter 5mm FFC cable to connect it to the Interceptor Carrier Board (the connectors line up). The remaining bottom connector on the Interceptor Carrier Board is for a second PoE Board if you have one, and you should use the provided 15mm FFC cable to connect this board.

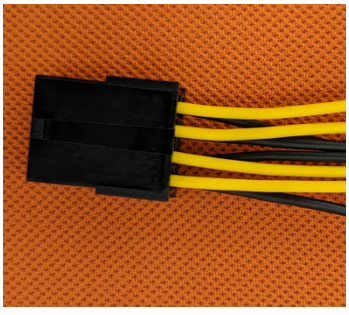


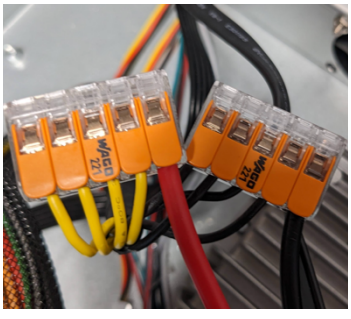
To power the **PoE Board(s)**, you must connect your VOITA Power Converter (see first picture below) to both your PSU and your first PoE Board. <u>You only need to connect the VOITA to ONE PoE Board since power is shared between PoE Boards via the FFC cables.</u>

There is a P(4+4) connector on your PSU. One side of the connector should have 4 yellow +12V wires and the other 4 black ground wires. The colors of the wires must match on each side (the middle picture below demonstrates this).

You should have been provided an adapter (middle picture) that plugs into your P(4+4) PSU connector. This adapter has stripped wires on one end that match the PSU wires in arrangement and color. Connect these wires via the provided WAGO 221 connectors, yellow to the red VOITA wire and black to the thick black wire on the VOITA (closest to the red wire on the VOITA Power Converter). Plug the adapter to the P(4+4) PSU connector.

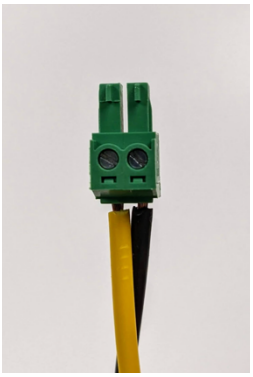
When finished, it should look like the picture on the right.



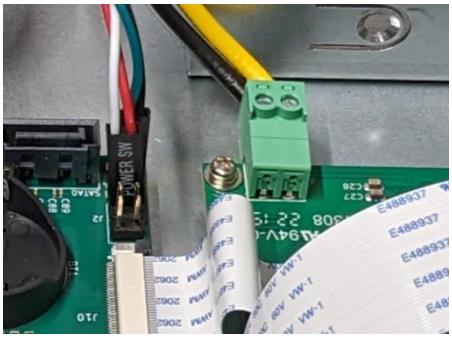


Interceptor System Setup Continued…

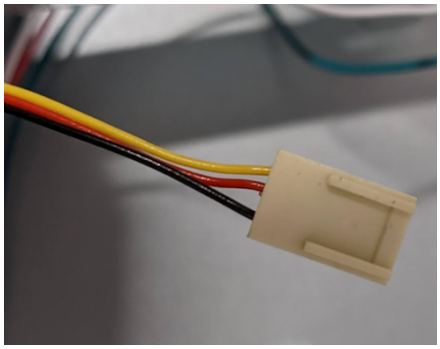
Next, you need to connect the VOITA power converter to the first **PoE Board**. The remaining two wires (next to each other) on the VOITA are the thinner black and yellow wires. They need to be inserted into the green terminal block connector with yellow on the left and black on the right (see the picture to the right). You'll need a small flat-head screwdriver to loosen the two screws in the terminal block connector, insert the two wires, and then tighten the screws on the connector to secure the wires.

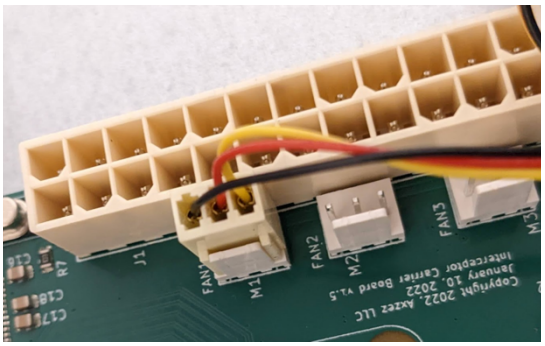


Insert the terminal block connector into the terminal block on the back of the PoE Board closest to the Interceptor Carrier Board. See the picture to the right for example.



Each Interceptor Case includes four **cooling fans**, which are simple to connect to the four 3-pin fan connectors on your Interceptor Carrier Board (see pictures below).





Case layout:

1. 5 HDD bays that support 2.5/3.5" HDDs and SSDs
2. Support for 1 Flex ATX PSU
3. Mounting for 1 Interceptor Carrier Board
4. Mountings for up to 2 Interceptor PoE Boards
5. Mounting for 1 VOITA Power Converter