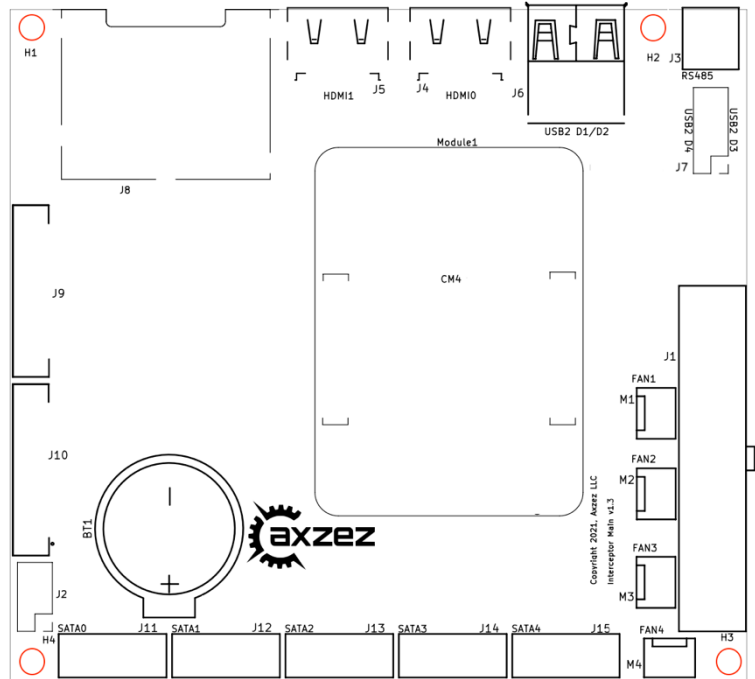


Axzez Interceptor Carrier Board

- J8 - four port RJ-45 switch
 - J4 and J5 - two full-size HDMI ports
 - J6 - two port USB 2.0 connector
 - J3 - single port RS-485 connector
 - J7 - 9-pin header for two additional USB 2.0 connections
 - J1 - ATX power connector
 - M1 thru M4 - 12v 3-pin fan connectors
 - J11 thru J15 - SATA drive connections
 - J2 - 8-pin header for system power LED, power-on button and UART serial cable
 - J9 and J10 - FFC (40 pos) connections for future expansion
 - BT1 - Battery for the Real Time Clock. 3V CR2032
- An Operating System (OS) Image with all necessary drivers is provided by Axzez and can be downloaded via:

www.axzez.com/interceptor_os.img.gz



Requirements

Raspberry Pi4 bootloader version 2020-12-14 or newer is required to install the Axzez provided OS Image via USB flash drive.

You must use an ATX Power Supply Unit (20 or 24 pin) that can provide stable +3.3V (see www.axzez.com/forum for suggestions).

Notes

Port A is WAN (Client accepts IP from network)

Ports B, C, and D are LAN (Axzez OS Provided DHCP Server sets IP for each)

The 8-pin header (J2) pins, starting with the bottom right pin: 1 (+) & 2 (-) are for the power LED, 3 & 4 are for "power on" button, 5 (tx) & 6 (rx) are for UART serial cable, and 7 & 8 are ground.

The "power on" pins/button will not function on the Banana Pi CM4 board due to compatibility issues on their side. Also, HDMI1 is unsupported when using a Banana Pi CM4 board.

Warranty/Support

Axzez circuit boards include a 90-day Warranty from the date of purchase covering manufacturing defects. If you need support or have questions, please visit our support forum at www.axzez.com/forum.