


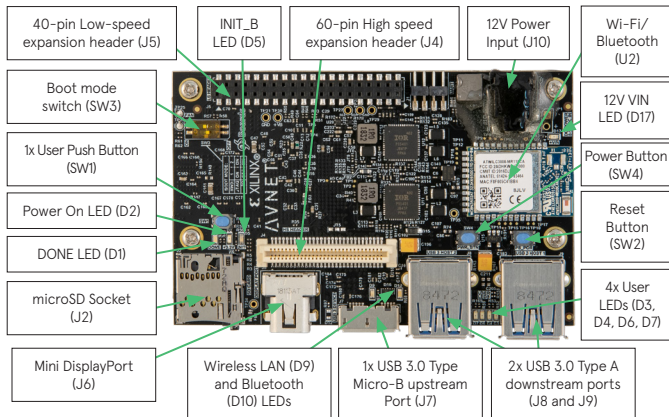
Ultra96-V2

GETTING STARTED:

1. The microSD card in your kit is blank and must have the Linux boot files programmed. Go to avnet.me/ultra96-v2-oob to download the microSD card image.
2. Follow the instructions to use Etcher to program the microSD card with the image.
3. Insert the microSD card into the microSD socket (J2). 
4. Set the Boot Mode Switch (SW3) to SD boot, with switch 1 = OFF and 2 = ON as shown.
5. Attach a 12V DC power supply to the DC Power Supply Jack (J10). NOTE: DC power supply is not included in the Ultra96-V2 kit. It must be purchased as an accessory. Green LED D17 will light indicating 12V power is live.
6. Press and release the power button (SW4). The Green Power On LED (D2), Red INIT_B LED (D5) and the Green User LEDs should also illuminate. After a few seconds, INIT_B LED will turn off and the Blue DONE LED (D1) will illuminate.
7. The Ultra96-V2 has now booted Linux and several experiments are possible. Please go to avnet.me/ultra96-v2 and download the [Getting Started Guide](#) for more instructions.
8. When finished, press and release the power button (SW4) to initiate a shutdown sequence, which takes about 12 seconds. All LEDs with the exception of D17 will turn off. D17 will extinguish once the barrel jack is unplugged.

Visit avnet.me/ultra96-v2 for kit documentation and other reference designs.

*The Ultra96-V2 Development Kit is designed for product evaluation at research and development facilities by trained professionals. The board included in the kit is not intended for production use unless additional end product testing and certification is performed.



SAFETY WARNINGS: This product shall only be connected to an external power supply rated at 12V DC that provides a minimum current of 2A. Any external power supply used with Ultra96-V2 shall comply with relevant regulations and standards applicable in the country of intended use. Only compatible plug-in modules shall be connected to Ultra96-V2. The connection of incompatible devices may affect compliance or result in damage to the unit and void the warranty. This product shall be operated in a well-ventilated environment. If a case is used, it shall have adequate ventilation. Do NOT connect or disconnect any Mezzanine or Pod without first unplugging 12V power from the barrel jack at J10.

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