

Remote Testing Environment

Hat designed for Orange Pi Zero board which runs specially crafted Linux distribution using the Yocto Project.



Features:

- 1×3 GPIO header (directly connected to OPi zero)
- 1×4 GPIO header (expander GPIOs with no OC buffers)
- 2 additional USB connectors (normally populated as 2,54mm pin header on OPi zero) which can be used to connect **external flash programmers** like DediProg or RS232 converters
- UART header for Armbian/Yocto system debug output and console
- SPI header 2,54mm with all necessary signals to flash SPI chips
- I2C header
- 12 pin header with GPIOs connected to OC buffers
- DB9 male connector for RS232
- relay and 2 DC Jack female connectors for **remote power control**
- 5V output header

Applications:

- automated validation
- remote industrial application debugging
- platform enabling
- compatibility testing
- performance optimization



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