https://www.aliexpress.com/item/1005001308030569.html

from readme

Power-on:

Voltage: 5V-12V can be used, (no Y3 crystal oscillator version must be 12V. Without Y3 crystal oscillator, it uses the 25M clock output by fpga)

All three 20pin ports can be powered, pins 1 and 2 are power, 3 and 4 are GND, and the power position of the 3 ports is the same.

The J4 position (the same as the 12V interface of the computer motherboard) can also be powered, but the D24 on the back of the board should be short-circuited. This is a diode. The default is not soldered.

start up:

The default is nand startup, there is a linux system in nand, but there is no root password, so it can't be played, so it can only be changed to SD startup or JTAG emulation.

Start the SD card, solder the sd card socket, remove the R2584 resistor on the back of the board, and solder to the R2577 position,

Put the boot.bin of the image folder in the root directory of the SD card, and the SD card should be formatted as fat32 (maximum support for 32G cards).

Routine:

Network, sd, buttons, leds are all in one project, and the routine is vivado2017.4 version

The network is an echo server, the ip is automatically obtained, and when it is obtained, it will be printed on the serial port. The port is 7, what to send back to.

Press the button once, the red light status is reversed. The green light flashes once for 1s.

SD card, only one read and write test. Write 1M data to the card when power on.

If you have any questions, you can add q416159303.

Mir development board information,
https://pan.baidu.com/s/1PxlRdjQRTDXS30GbeJ9q3Q Extraction code: 2c01

vivado2017.4 software download
https://pan.baidu.com/s/1Q5ctriRVHzfFuHqHUw7P2g Extraction code: bd42

links

https://github.com/Elrori/EBAZ4205

https://gitee.com/actionchen/ebaz4205_hw/blob/master/Doc/ebaz4205_introduce.md

https://github.com/blkf2016/ebaz4205

boot mode

https://hhuysqt.github.io/zynq1/

The R2577 and R2584 resistors of this board are used to configure the starting device. Solder R2584 to R2577 and change the original nand boot to SD card boot.

JTAG start

https://github.com/Leungfung/ebaz4205_hw/blob/master/Doc/ebaz4205_introduce.md

Connect the end of resistor R2578 close to NAND to ground

English version: https://github.com/xjtuecho/EBAZ4205

buildroot: https://github.com/blkf2016/ebaz4205