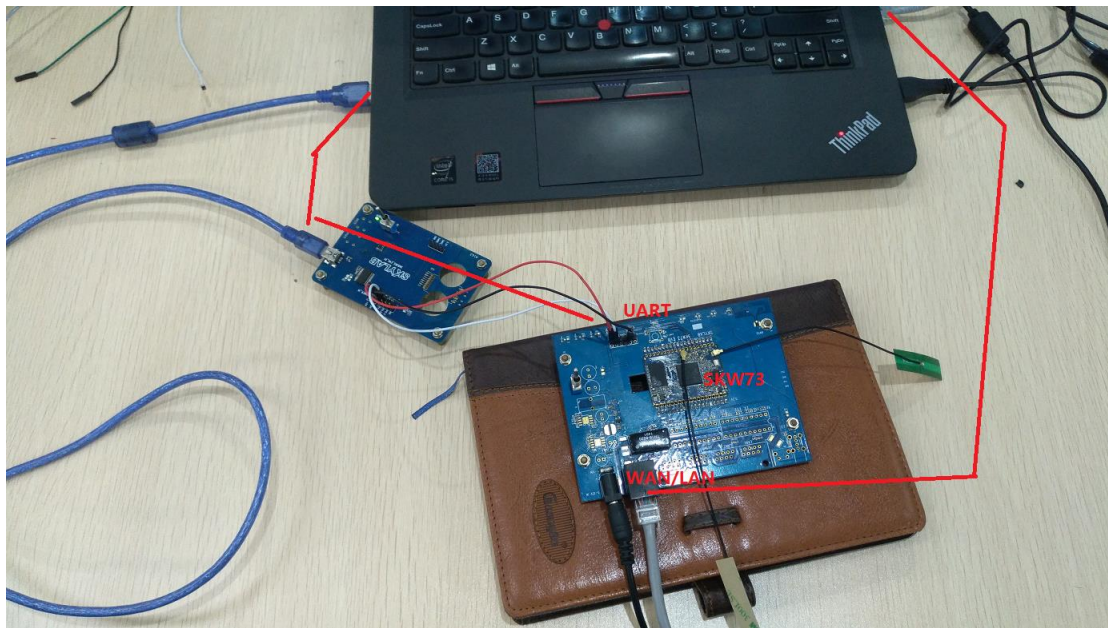


Ready to work



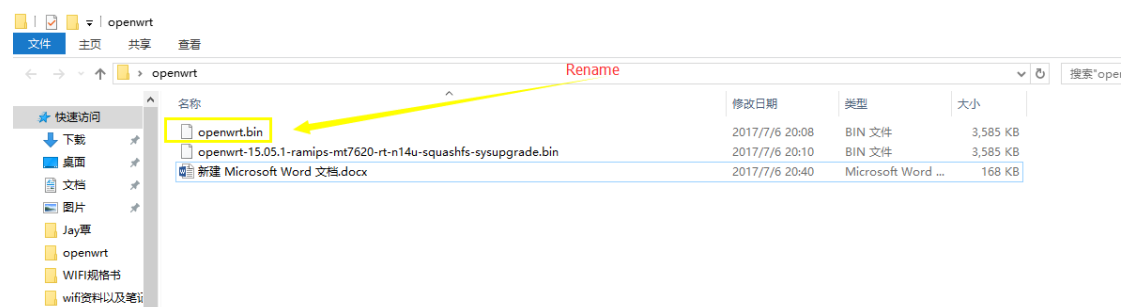
Try this firmware:

Index of /chaos_calmer/ X

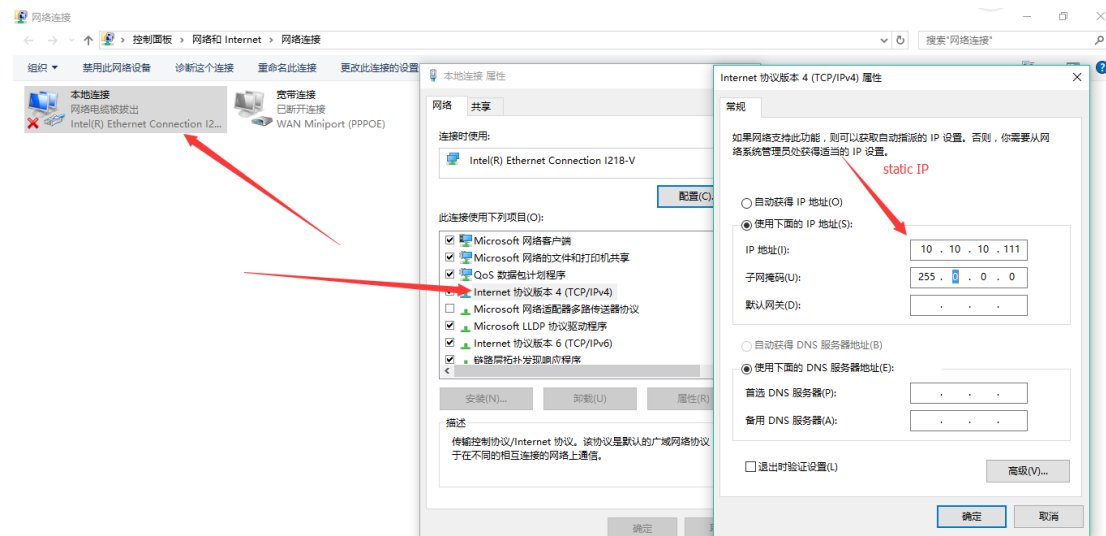
https://downloads.openwrt.org/chaos_calmer/15.05.1/ramips/mt7620/

| | | |
|---|---------|-------------------|
| openwrt-15.05.1-ramips-mt7620-ai-br100-squashfs-sysupgrade.bin | 3670020 | 15-Mar-2016 18:10 |
| openwrt-15.05.1-ramips-mt7620-ct-wr800n-squashfs-sysupgrade.bin | 3670020 | 15-Mar-2016 18:10 |
| openwrt-15.05.1-ramips-mt7620-dlr-810l-squashfs-sysupgrade.bin | 3670020 | 15-Mar-2016 18:10 |
| openwrt-15.05.1-ramips-mt7620-e1700-squashfs-factory.bin | 3407876 | 15-Mar-2016 18:10 |
| openwrt-15.05.1-ramips-mt7620-e1700-squashfs-sysupgrade.bin | 3407876 | 15-Mar-2016 18:10 |
| openwrt-15.05.1-ramips-mt7620-microwrt-squashfs-sysupgrade.bin | 3670020 | 15-Mar-2016 18:10 |
| openwrt-15.05.1-ramips-mt7620-mlw221-squashfs-sysupgrade.bin | 3670020 | 15-Mar-2016 18:10 |
| openwrt-15.05.1-ramips-mt7620-mlw2-squashfs-sysupgrade.bin | 3670020 | 15-Mar-2016 18:10 |
| openwrt-15.05.1-ramips-mt7620-mt7620a-squashfs-sysupgrade.bin | 3670020 | 15-Mar-2016 18:10 |
| openwrt-15.05.1-ramips-mt7620-mt7620a_mt7530-squashfs-sysupgrade.bin | 3670020 | 15-Mar-2016 18:10 |
| openwrt-15.05.1-ramips-mt7620-mt7620a_mt7610e-squashfs-sysupgrade.bin | 3670020 | 15-Mar-2016 18:10 |
| openwrt-15.05.1-ramips-mt7620-mt7620a_v22sg-squashfs-sysupgrade.bin | 3670020 | 15-Mar-2016 18:10 |
| openwrt-15.05.1-ramips-mt7620-mzk-750dhp-squashfs-sysupgrade.bin | 3670020 | 15-Mar-2016 18:10 |
| openwrt-15.05.1-ramips-mt7620-na930-squashfs-sysupgrade.bin | 3670020 | 15-Mar-2016 18:10 |
| openwrt-15.05.1-ramips-mt7620-root.squashfs | 2359296 | 15-Mar-2016 18:10 |
| openwrt-15.05.1-ramips-mt7620-rp_n53-squashfs-sysupgrade.bin | 3670020 | 15-Mar-2016 18:10 |
| openwrt-15.05.1-ramips-mt7620-rt-n14u-squashfs-sysupgrade.bin | 3670020 | 15-Mar-2016 18:10 |
| openwrt-15.05.1-ramips-mt7620-ulimage.bin | 1177850 | 15-Mar-2016 18:10 |
| openwrt-15.05.1-ramips-mt7620-vmlinux.bin | 3506340 | 15-Mar-2016 18:10 |
| openwrt-15.05.1-ramips-mt7620-vmlinux.elf | 3511344 | 15-Mar-2016 18:10 |
| openwrt-15.05.1-ramips-mt7620-whr-1166d-squashfs-sysupgrade.bin | 3670020 | 15-Mar-2016 18:10 |
| openwrt-15.05.1-ramips-mt7620-whr-300hp2-squashfs-sysupgrade.bin | 3670020 | 15-Mar-2016 18:10 |

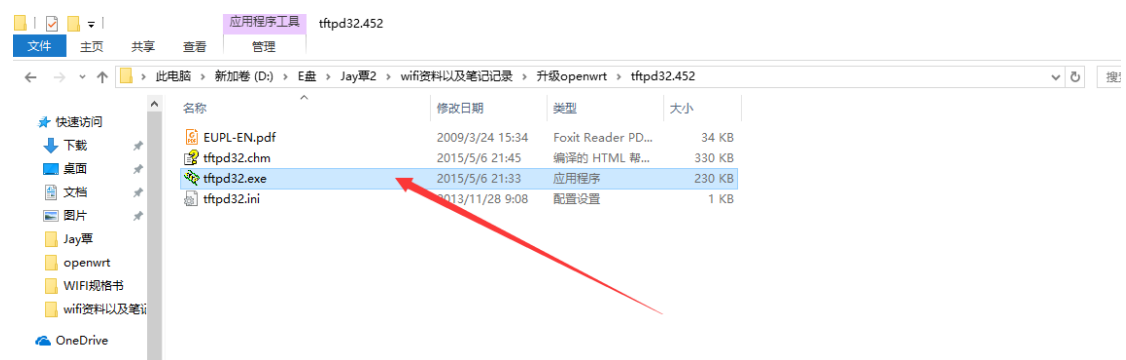
Rename:



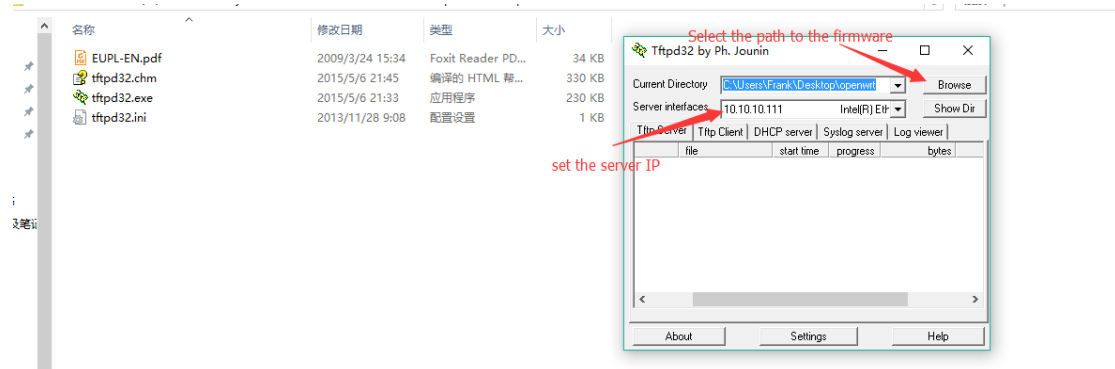
Set static IP:



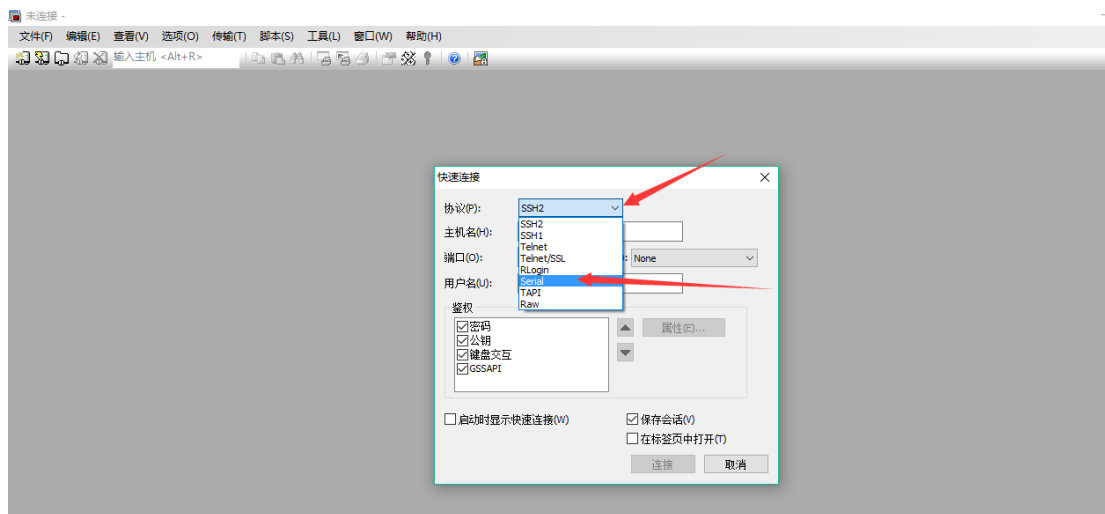
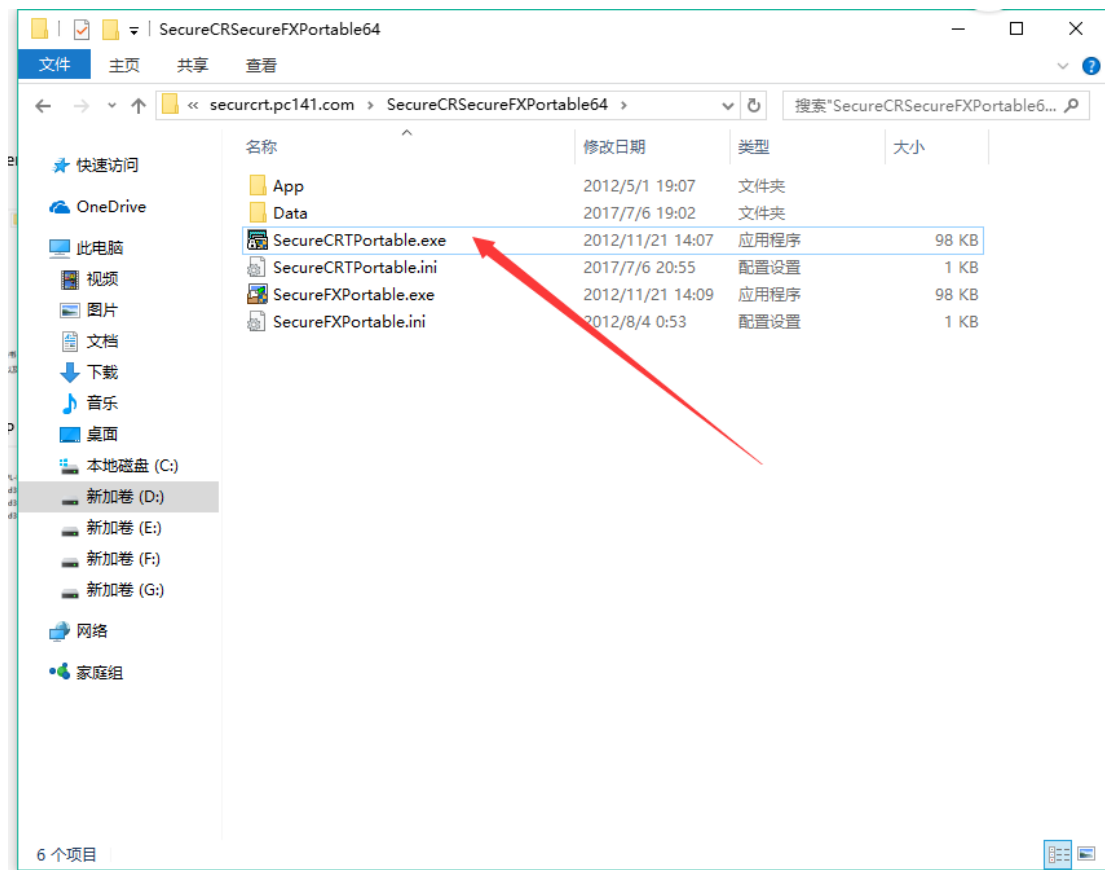
Build a server:

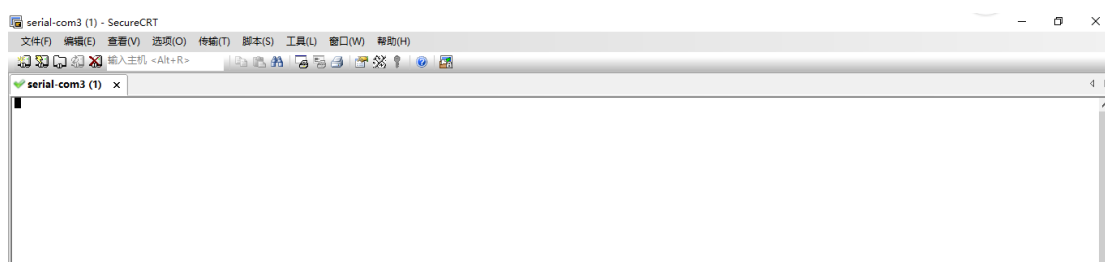
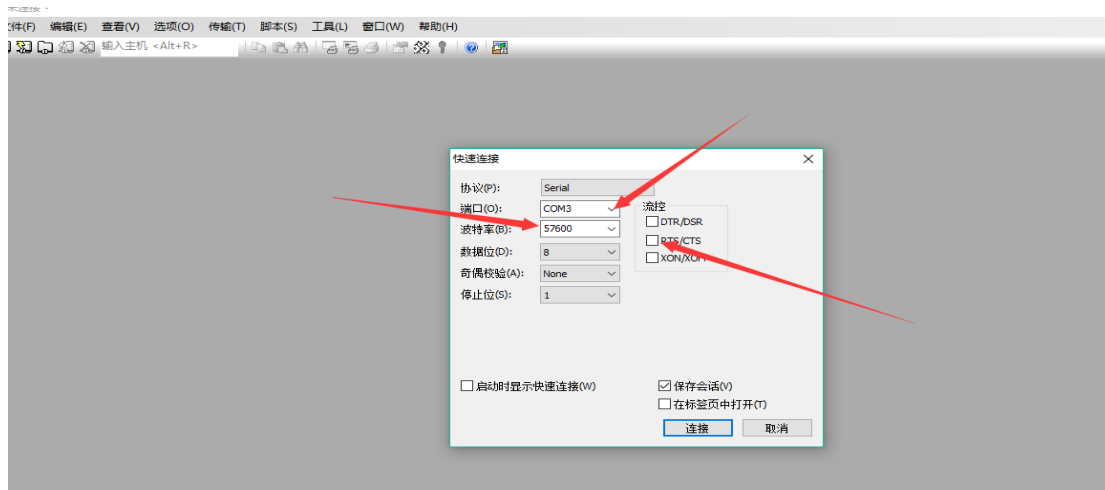


Set the IP and select the path to the firmware



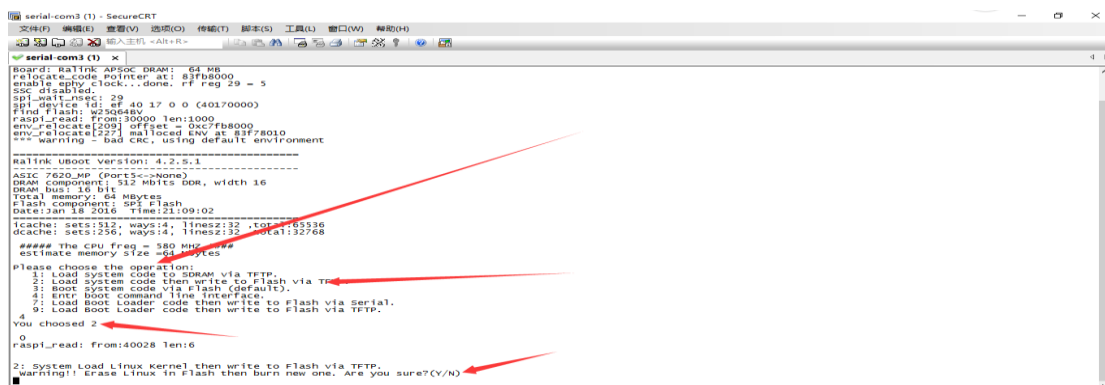
Connect to the UART





Power on SKW73.

Enter '2':



Then input 'y':

set the device IP and server IP:

```
serial-com3 (1) - SecureCRT
文件(F) 编辑(E) 查看(V) 选项(O) 传输(T) 脚本(S) 工具(L) 窗口(W) 帮助(H)
输入主机: <Alt+R>

serial-com3 (1) x
SSC disabled.
spi_wait_nsec: 29
spi device id: ef 40 17 0 0 (40170000)
Find Flash: w25q64bv
raspi_read: from:30000 len:1000
env_relocate[209] offset = 0xc7fb8000
env_relocate[227] malloced ENV at 83f78010
*** warning - bad CRC, using default environment

=====
Ralink Uboot version: 4.2.5.1
=====
ASIC 7620_MP (Port5<->None)
DRAM component: 512 Mbits DDR, width 16
DRAM bus: 16 bit
Total memory: 64 MBytes
Flash component: SPI Flash
Date:Jan 18 2016 Time:21:09:02
=====
icache: sets:512, ways:4, linesz:32 ,total:65536
dcache: sets:256, ways:4, linesz:32 ,total:32768

#### The CPU freq = 580 MHZ ####
estimate memory size =64 Mbytes

Please choose the operation:
1: Load system code to SDRAM via TFTP.
2: Load system code then write to Flash via TFTP.
3: Boot system code via Flash (default).
4: Entr boot command line interface.
7: Load Boot Loader code then write to Flash via Serial.
9: Load Boot Loader code then write to Flash via TFTP.
4
You choosed 2
0
raspi_read: from:40028 len:6

2: System Load Linux kernel then write to Flash via TFTP.
Warning!! Erase Linux in Flash then burn new one. Are you sure?(Y/N)
Please input new ones /or Ctrl-C to discard
Input device IP (10.10.10.3) ==>10.10.10.123
Input server IP (10.10.10.3) ==>10.10.10.111
Input Linux kernel filename () ==>openwrt.bin
```

“Enter” and start to update the firmware:

```
serial-com3 (1) - SecureCRT
文件(F) 编辑(E) 查看(V) 选项(O) 传输(T) 脚本(S) 工具(L) 窗口(W) 帮助(H)
输入主机: <Alt+R>

serial-com3 (1) x
3: Boot system code via Flash (default).
4: Entr boot command line interface.
7: Load Boot Loader code then write to Flash via Serial.
9: Load Boot Loader code then write to Flash via TFTP.
4
You choosed 2
0
raspi_read: from:40028 len:6

2: System Load Linux kernel then write to Flash via TFTP.
Warning!! Erase Linux in Flash then burn new one. Are you sure?(Y/N)
Please input new ones /or Ctrl-C to discard
Input device IP (10.10.10.3) ==>10.10.10.123
Input server IP (10.10.10.3) ==>10.10.10.111
Input Linux kernel filename () ==>openwrt.bin

netboot_common, argc= 3
NetTxPacket = 0x83FE4680
KSEG1ADDR(NetTxPacket) = 0xA3FE4680
NetLoop,call eth_halt !
NetLoop,call eth_init !
Trying Eth0 (10/100-M)
Waiting for RX_DMA_BUSY status Start... done

ETH_STATE_ACTIVE!!
TFTP from server 10.10.10.111; our IP address is 10.10.10.123
Filename 'openwrt.bin'.

TIMEOUT_COUNT=10,Load address: 0x80100000
Loading: Got ARP REPLY, set server/gtway eth addr (50:7b:9d:29:9d:9b)
Got it
*****
*****
*****
*****
*****

raspi_write: to:3d0000 len:10000
raspi_read: from:3d0000 len:10000
Done!
## Booting image at bc050000 ...
raspi_read: from:30000 len:40
Image Name: MIPS Openwrt Linux-3.18.23
Image Type: MIPS Linux kernel image (lzma compressed)
Data Size: 1179147 bytes = 1.1 MB
Load Address: 80000000
Entry Point: 80000000
raspi_read: from:30040 len:11fe0b
Verifying Checksum ... ok
Uncompressing Kernel Image ... ok
No initrd
## Transferring control to Linux (at address 80000000) ...
## Giving linux memsize in MB, 64

starting kernel ...
[ 0.000000] Linux version 3.18.23 (buildbot@builder1) (gcc version 4.8.3 (Openwrt/Linaro gcc 4.8-2014.04 r47269) ) #1 Sun Jan 31 14:11:59 CET 2016
[ 0.000000] Board has DDR2
[ 0.000000] Analog PMU set to hw control
[ 0.000000] Digital PMU set to hw control
[ 0.000000] SoC Type: Mediatek MT7620N ver:2 eco:6
[ 0.000000] bootconsole [early0] enabled
```

Wait for “Done”:

```
serial-com3 (1) - SecureCRT
文件(F) 编辑(E) 查看(V) 选项(O) 传输(T) 脚本(S) 工具(L) 窗口(W) 帮助(H)
输入主机: <Alt+R>

serial-com3 (1) x
raspi_read: from:2d0000 len:10000
raspi_read: from:2d0000 len:10000
raspi_read: from:2f0000 len:10000
raspi_read: from:300000 len:10000
raspi_read: from:310000 len:10000
raspi_read: from:320000 len:10000
raspi_read: from:330000 len:10000
raspi_read: from:340000 len:10000
raspi_read: from:350000 len:10000
raspi_read: from:360000 len:10000
raspi_read: from:370000 len:10000
raspi_read: from:380000 len:10000
raspi_read: from:390000 len:10000
raspi_read: from:3a0000 len:10000
raspi_read: from:3b0000 len:10000
raspi_read: from:3c0000 len:10000
raspi_read: from:3d0000 len:10000
raspi_erase: offs:3d0000 len:10000
.
raspi_write: to:3d0000 len:10000
raspi_read: from:3d0000 len:10000
Done!
## Booting image at bc050000 ...
raspi_read: from:30000 len:40
Image Name: MIPS Openwrt Linux-3.18.23
Image Type: MIPS Linux kernel image (lzma compressed)
Data Size: 1179147 bytes = 1.1 MB
Load Address: 80000000
Entry Point: 80000000
raspi_read: from:30040 len:11fe0b
Verifying Checksum ... ok
Uncompressing Kernel Image ... ok
No initrd
## Transferring control to Linux (at address 80000000) ...
## Giving linux memsize in MB, 64

starting kernel ...
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[ 0.000000] SoC Type: Mediatek MT7620N ver:2 eco:6
[ 0.000000] bootconsole [early0] enabled
```