

บันทึกการทดลองต่างที่น่าสนใจ

วันพุธที่ 1 ตุลาคม พ.ศ. 2557

Ubiquiti NanoStation Loco M2

อุปกรณ์ตัวนี้เป็น Access point 150M แบบ Outdoor



ตัวเครื่องภายนอก

อุปกรณ์ตัวนี้ต้องจ่ายไฟทางสาย LAN โดยใช้ PoE 24V ตั้งรูป



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FiberHome SR120-A
อุปกรณ์ตัวนี้เป็น Router ของเน็ต AIS ครับ Router ต้านหน้า ตัว Router มีเสา 4 เสา ปล่อยสัญญาณคลื่น 2.4G (b/g/n) และสัญญาณ 5G (ac) ได้พร...



ZTE ZXHN F680
อุปกรณ์ตัวนี้เป็น GPON ONU ชนิด All-in-One ของ ZTE ครับ ตัวเครื่องต้านหน้า ตัวเครื่องมีเสา 6 เสา แบ่งเป็นของ WiFi 2.4 GHz จำนวน 2 เสา และ...



ใช้ Arduino รับค่าจาก PS/2 Keyboard
หลังจากที่ผมได้อ่านตาม เว็บต่างๆ พบว่ามีการใช้ ไมโครคอนโทรลเลอร์มา รับค่าจาก keyboard แบบ PS/2 ที่ซึ่งใน คอมพิวเตอร์รุ่นเก่าๆ จึงอยากลองเขียนบ้าง ...

ทดสอบครับ
เพียงลองเขียนครั้งแรก ยังไม่รู้จะเขียนเรื่อง อะไรเลยครับ



SERCOM T3 ST-244F
อุปกรณ์ตัวนี้เป็น ONU ของ เน็ต TRUE ครับ ตัวเครื่อง ตัวเครื่องมีเสาสิบ 6 เสา ตัว เครื่อง รองรับการต่อ โทรศัพท์ 2 เครื่อง พอร์ต LAN 4 พ...



FiberHome AN1030-25
เราทดสอบตัวนี้เป็นของบริษัท SBN ไม่แน่ใจว่าค่ายเดียว กับ AIS หรือเปล่า สเปค



PoE 24V

แกะเครื่องออกแบบมาดูจะมี 2 ส่วนหลักๆ คือ บอร์ดหลักกันเส่า Panel โดยทั่วบอร์ดหลักมีโลโก้ส้าคัญฯ คือ



บอร์ดหลัก

Atheros AR7241 -> SoC with PCIe and USB host interfaces, integrated FE Switch



Atheros AR7241

EtronTech EM6AA160TSB -> 16M x 16 bit DDR Synchronous DRAM (SDRAM)



EtronTech EM6AA160TSB

Winbond 25Q64CVFIG -> 64 MB SPI Flash



อุปกรณ์ซึ่งเนื้อเป็นตัวรับสัญญาณของ AIS Airenet โดย Wireless เป็นแบบ 2.4/5 GHz เลือกได้ครั้งละ 1 ความถี่ พорт Ethernet เป็นแบบ 10/100 PoE ตัว...



TP-Link VR1200v
อุปกรณ์ตัวนี้เป็น Router ครับ ตัวเครื่องต้านหน้า ต้านหน้าเครื่องมีไฟสถานะ ตัวเครื่องต้านหลัง ต้านหน้า มีพอร์ต FXS 2 พอร์ต, 1000M LAN...



Welltech WellGate 2808
Tear down
อุปกรณ์ตัวนี้เป็น Voice Gateway รองรับ SIP/SIP Trunk ครับ สามารถต่อโทรศัพท์ได้มากสุด 8 พอร์ต ต้านหน้า ต้านหน้ามีไฟสถานะต่างๆครับ ด้า...



SENAO SL-2511AP1
PLUS/B(F200)
อุปกรณ์ตัวนี้เป็นเราเตอร์ Wireless มาตรฐาน 802.11b ความเร็วสูงสุด 11 Mbps พร้อมตัวฟังก์ชัน Print Server ต้านหน้าเครื่องมีไฟสถานะและปุ่ม Res...

คลังบทความของบล็อก

- 2022 (4)
- 2021 (11)
- 2020 (5)
- 2019 (28)
- 2018 (9)
- 2017 (3)
- 2015 (2)
- ▼ 2014 (80)
 - ธันวาคม (3)
 - พฤษภาคม (7)
 - ▼ ตุลาคม (8)
 - Jabra SP700
 - IPM PVR+
 - Dell WYSE C10LE
 - ASUS RT-N12 C1
 - MTD command in ASUS RT-N12 Router
 - Cisco RV042 v3
 - Buffalo WHR-HP-G300N
 - Ubiquiti NanoStation Loco M2
 - กันยายน (8)
 - สิงหาคม (8)
 - เมษายน (18)
 - มีนาคม (12)
 - กุมภาพันธ์ (12)
 - มกราคม (4)
- 2013 (10)
- 2012 (3)

Labels

[Hardware review \(126\)](#)



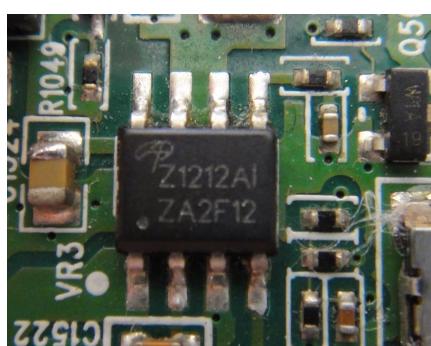
Winbond 25Q64CVFIG

Atheros AR9287 -> Highly integrated single-chip PCIe with 2-stream 802.11n support



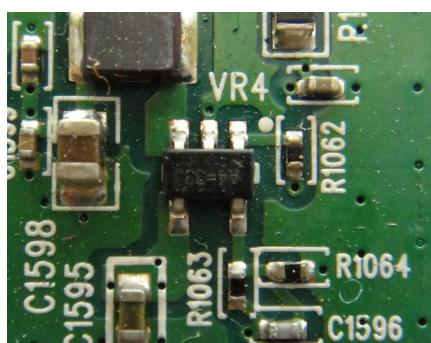
Atheros AR9287

AOZ1212AI -> EZBuck™ 3A Simple Buck Regulator แปลงไฟ 24v -> 3.3v



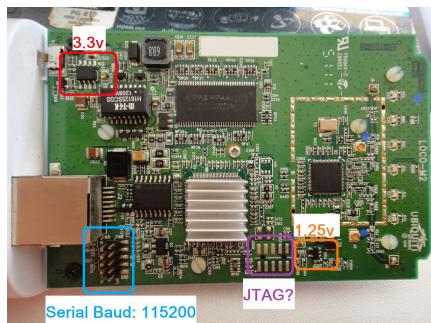
AOZ1212AI

A4=33J -> Regulator แปลงไฟ 3.3v -> 1.25v



A4=33J

ภาคจ่ายไฟและพอร์ตเชื่อมต่อ JTAG และ Serial 115200



ภาคจ่ายไฟ

อีกด้านของบอร์ดทิศกับเส้าอากาศแบบ Panel

[Disassembly \(2\)](#)

[P660HN-T1A repair \(2\)](#)

[Router \(2\)](#)

[ATMega8 VUSB USB HID VB.NET VB \(1\)](#)

[Bootloader \(1\)](#)

[Daytime Port 13 VB2010 Wireshark Time Sync \(1\)](#)

[Firmware Dump \(1\)](#)

[GPS MCU USB to Serial Holux M-9129 PCB Toner Transfer \(1\)](#)

[Hack \(1\)](#)

[Open-WRT openwrt Embedded Linux TL-WR703N Brother HL-2130 Wireless Print Server p910nd usb-printer-support \(1\)](#)

[PS2 PS/2 Keyboard LCD Mega \(1\)](#)

[Sunny Microcontroller Arduino natthapol89 avr mcs-51 pic linux \(1\)](#)

[SyntaxHighlighter \(1\)](#)

[Unbrick \(1\)](#)

[hello \(1\)](#)

[i-mobile i-note repair \(1\)](#)

[mini pci-e usb mod \(1\)](#)

[nlink router true busybox putty \(1\)](#)

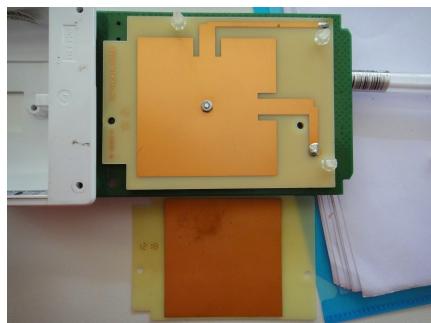
About us

รวบรวมอาการตัวเครื่องที่น่าสนใจ และนำเสนอ โครงการที่เคยทำครับ

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ເສົາ Panel

Boot Message ຈາກພອરີຕ് Serial

```
U-Boot 1.1.4.2-s445 (Sep 6 2010 - 14:46:33)
```

```
Board: Ubiquiti Networks XM board (rev 1.2 e0a2)
```

```
DRAM: 32 MB
```

```
Flash: 8 MB
```

```
Net: eth0, eth1
```

```
Hit any key to stop autoboot: 0
```

```
## Booting image at 9f050000 ...
```

```
Image Name: MIPS Ubiquiti Linux-2.6.32.54
```

```
Created: 2014-02-05 16:25:36 UTC
```

```
Image Type: MIPS Linux Kernel Image (lzma compressed)
```

```
Data Size: 1047649 Bytes = 1023.1 kB
```

```
Load Address: 80002000
```

```
Entry Point: 80002000
```

```
Verifying Checksum ... OK
```

```
Uncompressing Kernel Image ... OK
```

```
Starting kernel ...
```

```
Booting...
```

```
[ 0.000000] Linux version 2.6.32.54 (buildd@builder) (gcc version 4.1.2) #1 Wed Feb 5 18:25:32 EET 2014
```

```
[ 0.000000] flash_size passed from bootloader = 0
```

```
[ 0.000000] CPU revision is: 00019374 (MIPS 24Kc)
```

```
[ 0.000000] Determined physical RAM map:
```

```
[ 0.000000] memory: 02000000 @ 00000000 (usable)
```

```
[ 0.000000] Initrd not found or empty - disabling initrd
```

```
[ 0.000000] Zone PFN ranges:
```

```
[ 0.000000] Normal 0x00000000 -> 0x00002000
```

```
[ 0.000000] Movable zone start PFN for each node
```

```
[ 0.000000] early_node_map[1] active PFN ranges
```

```
[ 0.000000] 0: 0x00000000 -> 0x00002000
```

```
[    0.000000] Dentry hash table entries: 128 (order: -3, 512 bytes)
[    0.000000] Dentry cache hash table entries: 4096 (order: 2, 16384
bytes)
[    0.000000] Inode-cache hash table entries: 2048 (order: 1, 8192
bytes)
[    0.000000] Primary instruction cache 64kB, VIPT, 4-way, linesize 32
bytes.
[    0.000000] Primary data cache 32kB, 4-way, VIPT, cache aliases,
linesize 32 bytes
[    0.000000] Writing ErrCtl register=00000000
[    0.000000] Readback ErrCtl register=00000000
[    0.000000] Memory: 29388k/32768k available (2290k kernel code, 3380k
reserved, 539k data, 136k init, 0k highmem)
[    0.000000] Hierarchical RCU implementation.
[    0.000000] NR_IRQS:128
[    0.000000] plat_time_init: plat time init done
[    0.000000] Console: colour dummy device 80x25
[    0.000000] Calibrating delay loop... 259.58 BogoMIPS (lpj=129792)
[    0.016000] Mount-cache hash table entries: 512
[    0.019000] NET: Registered protocol family 16
[    0.021000] ===== ar7240_platform_init: 0
[    0.021000] PCIe WLAN H/W found [tries: 1]
[    0.021000] PCI init:ar7240_pcibios_init
[    0.021000] ar7240_pcibios_init(368): PCI CMD write: 0x356
[    0.021000] registering PCI controller with io_map_base unset
[    0.030000] bio: create slab <bio-0> at 0
[    0.031000] usbcore: registered new interface driver usbfs
[    0.032000] usbcore: registered new interface driver hub
[    0.032000] usbcore: registered new device driver usb
[    0.033000] pci 0000:00:00.0: PME# supported from D0 D1 D3hot
[    0.033000] pci 0000:00:00.0: PME# disabled
[    0.034000] Returning IRQ 48
[    0.035000] Switching to clocksource MIPS
[    0.038000] NET: Registered protocol family 2
[    0.038000] IP route cache hash table entries: 1024 (order: 0, 4096
bytes)
[    0.040000] TCP established hash table entries: 1024 (order: 1, 8192
bytes)
[    0.040000] TCP bind hash table entries: 1024 (order: 0, 4096 bytes)
[    0.040000] TCP: Hash tables configured (established 1024 bind 1024)
[    0.040000] TCP reno registered
[    0.041000] NET: Registered protocol family 1
[    0.041000] AR7240 GPIOC major 0
[    0.043000] squashfs: version 4.0 (2009/01/31) Phillip Louher
[    0.043000] JFFS2 version 2.2 (NAND) (SUMMARY) (LZMA) (RTIME)
(CMODE_PRIORITY) (c) 2001-2006 Red Hat, Inc.
[    0.043000] msgmni has been set to 57
[    0.044000] io scheduler noop registered (default)
[    0.070000] Serial: 8250/16550 driver, 2 ports, IRQ sharing disabled
```

```
[    0.385000] Creating 6 MTD partitions on "ar7240-nor0":  
[    0.390000] 0x000000000000-0x000000040000 : "u-boot"  
[    0.397000] 0x000000040000-0x000000050000 : "u-boot-env"  
[    0.403000] 0x000000050000-0x000000150000 : "kernel"  
[    0.410000] 0x000000150000-0x0000007b0000 : "rootfs"  
[    0.416000] mtd: partition "rootfs" set to be root filesystem  
[    0.422000] 0x0000007b0000-0x0000007f0000 : "cfg"  
[    0.428000] 0x0000007f0000-0x000000800000 : "EEPROM"  
[    0.434000] usbmon: debugfs is not available  
[    0.439000] ehci_hcd: USB 2.0 'Enhanced' Host Controller (EHCI)  
Driver  
[    0.476000] Port Status c000004  
[    0.479000] ar7240-ehci ar7240-ehci.0: ATH EHCI  
[    0.484000] ar7240-ehci ar7240-ehci.0: new USB bus registered,  
assigned bus number 1  
[    0.492000] ehci_reset Intialize USB CONTROLLER in host mode: 3  
[    0.499000] ehci_reset Port Status c000000  
[    0.504000] ar7240-ehci ar7240-ehci.0: irq 3, io mem 0xb000000  
[    0.511000] ehci_reset Intialize USB CONTROLLER in host mode: 3  
[    0.518000] ehci_reset Port Status c000000  
[    0.528000] ar7240-ehci ar7240-ehci.0: USB 2.0 started, EHCI 1.00  
[    0.534000] usb usb1: configuration #1 chosen from 1 choice  
[    0.540000] hub 1-0:1.0: USB hub found  
[    0.544000] hub 1-0:1.0: 1 port detected  
[    0.549000] ohci_hcd: USB 1.1 'Open' Host Controller (OHCI) Driver  
[    0.556000] u32 classifier  
[    0.559000]     Performance counters on  
[    0.562000]     input device check on  
[    0.566000]     Actions configured  
[    0.572000] TCP westwood registered  
[    0.576000] NET: Registered protocol family 10  
[    0.584000] NET: Registered protocol family 17  
[    0.589000] Bridge firewalling registered  
[    0.593000] 802.1Q VLAN Support v1.8 Ben Greear  
<greetarb@candelatech.com>  
[    0.600000] All bugs added by David S. Miller <davem@redhat.com>  
[    0.606000] ar7240wdt_init: Registering WDT success  
[    0.622000] VFS: Mounted root (squashfs filesystem) readonly on  
device 31:3.  
[    0.630000] Freeing unused kernel memory: 136k freed  
[    0.649000] Please be patient, while AirOS loads ...  
[    1.811000] Algorithmics/MIPS FPU Emulator v1.5  
...mounts done  
...filesystem init done  
...base ok  
...update ok  
...symlinks ok  
...httpd ok
```

```
Plugin: system ... Done.  
Plugin: syslog ... Done.  
Plugin: users ... Done.  
Plugin: gpio ... Done.  
Plugin: resolv ... Done.  
Plugin: radio ... Done.  
Plugin: wireless ... Done.  
Plugin: iptables ... Done.  
Plugin: ebtables ... Done.  
Plugin: ip6tables ... Done.  
Plugin: fixup ... Done.  
Plugin: vlan ... Done.  
Plugin: bridge ... Done.  
Plugin: netconf ... Done.  
Plugin: route ... Done.  
Plugin: route6 ... Done.  
Plugin: wpa_supplicant ... Done.  
Plugin: ppp ... Done.  
Plugin: 3g ... Done.  
Plugin: dhcpc ... Done.  
Plugin: aaa ... Done.  
Plugin: ntpclient ... Done.  
Plugin: dhcpcd ... Done.  
Plugin: radvd ... Done.  
Plugin: httpd ... Done.  
Plugin: snmp ... Done.  
Plugin: p watchdog ... Done.  
Plugin: tshaper ... Done.  
Plugin: telnetd ... Done.  
Plugin: sshd ... Done.  
Plugin: igmp proxy ... Done.  
Plugin: qos ... Done.  
Plugin: dnsmasq ... Done.  
Plugin: mcapping ... Done.  
Plugin: airview ... Done.  
Plugin: art ... Done.  
Plugin: gps ... Done.  
Plugin: dyndns ... Done.  
Plugin: dhcprelay ... Done.  
Plugin: upnpd ... Done.  
Plugin: cron ... Done.  
Plugin: inittab ... Done.  
Getty ... Done.  
Startup_list ... Done.  
Free_cfg ... Done.  
Ready to go.  
...running /sbin/init
```

```
[    0.000000] Linux version 2.6.32.54 (buildd@builder) (gcc version
4.1.2) #1 Wed Feb 5 18:25:32 EET 2014

[    0.000000] flash_size passed from bootloader = 0

[    0.000000] CPU revision is: 00019374 (MIPS 24Kc)

[    0.000000] Determined physical RAM map:

[    0.000000]   memory: 02000000 @ 00000000 (usable)

[    0.000000] Initrd not found or empty - disabling initrd

[    0.000000] Zone PFN ranges:

[    0.000000]   Normal   0x00000000 -> 0x00002000

[    0.000000] Movable zone start PFN for each node

[    0.000000] early_node_map[1] active PFN ranges

[    0.000000]     0: 0x00000000 -> 0x00002000

[    0.000000] On node 0 totalpages: 8192

[    0.000000] free_area_init_node: node 0, pgdat 802c50d0, node_mem_map
81000000

[    0.000000]   Normal zone: 64 pages used for memmap

[    0.000000]   Normal zone: 0 pages reserved

[    0.000000]   Normal zone: 8128 pages, LIFO batch:0

[    0.000000] Built 1 zonelists in Zone order, mobility grouping on.
Total pages: 8128

[    0.000000] Kernel command line: console=ttyS0,115200 root=31:03
rootfstype=squashfs init=/init mtdparts=ar7240-nor0:256k(u-boot),64k(u-
boot-env),1024k(kernel),6528k(rootfs),256k(cfg),64k(EEPROM)

[    0.000000] PID hash table entries: 128 (order: -3, 512 bytes)

[    0.000000] Dentry cache hash table entries: 4096 (order: 2, 16384
bytes)

[    0.000000] Inode-cache hash table entries: 2048 (order: 1, 8192
bytes)

[    0.000000] Primary instruction cache 64kB, VIPT, 4-way, linesize 32
bytes.

[    0.000000] Primary data cache 32kB, 4-way, VIPT, cache aliases,
linesize 32 bytes

[    0.000000] Writing ErrCtl register=00000000

[    0.000000] Readback ErrCtl register=00000000

[    0.000000] Memory: 29388k/32768k available (2290k kernel code, 3380k
reserved, 539k data, 136k init, 0k highmem)

[    0.000000] Hierarchical RCU implementation.

[    0.000000] NR_IRQS:128

[    0.000000] plat_time_init: plat time init done

[    0.000000] Console: colour dummy device 80x25

[    0.000000] Calibrating delay loop... 259.58 BogoMIPS (lpj=129792)

[    0.016000] Mount-cache hash table entries: 512

[    0.019000] NET: Registered protocol family 16

[    0.021000] ===== ar7240_platform_init: 0

[    0.021000] PCIe WLAN H/W found [tries: 1]

[    0.021000] PCI init:ar7240_pcibios_init

[    0.021000] ar7240_pcibios_init(368): PCI CMD write: 0x356

[    0.021000] registering PCI controller with io_map_base unset

[    0.030000] bio: create slab <bio-0> at 0

[    0.031000] usbcore: registered new interface driver usbfs

[    0.032000] usbcore: registered new interface driver hub
```

```
[    0.033000] pci 0000:00:00.0: PME# supported from D0 D1 D3hot
[    0.033000] pci 0000:00:00.0: PME# disabled
[    0.034000] Returning IRQ 48
[    0.035000] Switching to clocksource MIPS
[    0.038000] NET: Registered protocol family 2
[    0.038000] IP route cache hash table entries: 1024 (order: 0, 4096
bytes)
[    0.040000] TCP established hash table entries: 1024 (order: 1, 8192
bytes)
[    0.040000] TCP bind hash table entries: 1024 (order: 0, 4096 bytes)
[    0.040000] TCP: Hash tables configured (established 1024 bind 1024)
[    0.040000] TCP reno registered
[    0.041000] NET: Registered protocol family 1
[    0.041000] AR7240 GPIOC major 0
[    0.043000] squashfs: version 4.0 (2009/01/31) Phillip Louher
[    0.043000] JFFS2 version 2.2 (NAND) (SUMMARY) (LZMA) (RTIME)
(CMODE_PRIORITY) (c) 2001-2006 Red Hat, Inc.
[    0.043000] msgmni has been set to 57
[    0.044000] io scheduler noop registered (default)
[    0.070000] Serial: 8250/16550 driver, 2 ports, IRQ sharing disabled
[    0.072000] serial8250.0: ttyS0 at MMIO 0xb8020000 (irq = 19) is a
16550A
[    0.374000] console [ttyS0] enabled
[    0.378000] 6 cmdlinepart partitions found on MTD device ar7240-nor0
[    0.385000] Creating 6 MTD partitions on "ar7240-nor0":
[    0.390000] 0x000000000000-0x000000040000 : "u-boot"
[    0.397000] 0x000000040000-0x000000050000 : "u-boot-env"
[    0.403000] 0x000000050000-0x000000150000 : "kernel"
[    0.410000] 0x000000150000-0x0000007b0000 : "rootfs"
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[    0.493000] ehci_reset Intialize USB CONTROLLER in host mode: 3
[    0.499000] ehci_reset Port Status c000000
[    0.504000] ar7240-ehci ar7240-ehci.0: irq 3, io mem 0xb000000
[    0.511000] ehci_reset Intialize USB CONTROLLER in host mode: 3
[    0.518000] ehci_reset Port Status c000000
[    0.528000] ar7240-ehci ar7240-ehci.0: USB 2.0 started, EHCI 1.00
[    0.534000] usb usbl: configuration #1 chosen from 1 choice
[    0.540000] hub 1-0:1.0: USB hub found
[    0.544000] hub 1-0:1.0: 1 port detected
[    0.549000] ohci_hcd: USB 1.1 'Open' Host Controller (OHCI) Driver
```

```
[    0.566000] Actions configured
[    0.572000] TCP westwood registered
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device 31:3.
[    0.630000] Freeing unused kernel memory: 136k freed
[    0.649000] Please be patient, while AirOS loads ...
[    1.812000] Algorithmics/MIPS FPU Emulator v1.5
[    7.356000] AG7240: Length per segment 1536
[    7.356000] AG7240: skb_overhead 64, shinfo: 344
[    7.356000] AG7240: RX sizes - 2k_fit: 1614, reserve: 0
[    7.356000] AG7240: Max segments per packet 1
[    7.356000] AG7240: Max tx descriptor count     80
[    7.356000] AG7240: Max rx descriptor count     252
[    7.356000] AG7240: fifo cfg 3 01f00140
[    7.356000] AG7240CHH: Mac address for unit 0
[    7.356000] AG7240CHH: 00:27:22:7b:da:4a
[    7.563000] AG7240CHH: Mac address for unit 1
[    7.563000] AG7240CHH: 02:27:22:7b:da:4a
[    7.804000] ar7240-gpio 1.1 initialised
[    8.161000] SCSI subsystem initialized
[    8.919000] PPP generic driver version 2.4.2
[    9.084000] PPP MPPE Compression module registered
[    9.118000] NET: Registered protocol family 24
[    9.924000] ath_hal: module license 'Proprietary' taints kernel.
[    9.924000] Disabling lock debugging due to kernel taint
[   10.398000] ath_hal: 0.9.17.1 (AR5416, DEBUG, REGOPS_FUNC, 11D)
[   10.893000] wlan: 0.8.4.2 (Atheros/multi-bss)
[   10.959000] wlan: mac acl policy registered
[   11.060000] wlan_me: Version 0.1
[   11.060000] Copyright (c) 2008 Atheros Communications, Inc. All
Rights Reserved
[   11.183000] usbcore: registered new interface driver cdc_acm
[   11.183000] cdc_acm: v0.26:USB Abstract Control Model driver for USB
modems and ISDN adapters
[   11.400000] usbcore: registered new interface driver usbserial
[   11.400000] USB Serial support registered for generic
[   11.401000] usbcore: registered new interface driver
usbserial_generic
[   11.401000] usbserial: USB Serial Driver core
[   11.512000] Initializing USB Mass Storage driver...
[   11.513000] usbcore: registered new interface driver usb-storage
[   11.513000] USB Mass Storage support registered.
```

```
[ 11.716000] USB Serial support registered for Sierra USB modem
[ 11.716000] usbcore: registered new interface driver sierra
[ 11.716000] sierra: v.1.3.8:USB Driver for Sierra Wireless USB modems
[ 11.922000] fuse init (API version 7.13)
[ 12.296000] ath_rate_atheros: Copyright (c) 2001-2005 Atheros
Communications, Inc, All Rights Reserved
[ 13.736000] ath_dev: Copyright (c) 2001-2007 Atheros Communications,
Inc, All Rights Reserved
[ 14.426000] ath_pci: 0.9.4.5 (Atheros/multi-bss)
[ 14.426000] PCI: Setting latency timer of device 0000:00:00.0 to 64
[ 14.432000] ar5416Attach: Mac Chip.Rev 0x180.2 PCI devid 0x2e
[ 14.434000] ath_hal: Ubiquiti Kiwi
[ 14.434000] ath_hal: NF adjust values: EEP map NOT DEFAULT
[ 14.457000] wifi0: Atheros 9287: mem=0x10000000, irq=48
hw_base=0xb0000000
[ 15.362000] ubnt_poll: Initializing polling module...
[ 15.362000] ubnt_poll: Initializing packet classifier...
[ 15.362000] ubnt_poll: OS timer frequency 1000 Hz
[ 15.435000] rss1-leds 1.2 loaded
[ 15.525000] ubnt_poll: Attaching hooks...
[ 15.592000] ubnt_poll: TX CTRL configured with 0/18/200/0/6/0/0
[ 15.592000] ubnt_poll: Initializing STA ranging engine
[ 15.592000] ubnt_poll: Setting timing params to min:1000 max:3000
offset:3000 tx_time: 3000 init: 5
[ 15.592000] ubnt_poll: Setting aggregation params to non-txop:0 tx-
op:0 scheduling:0
[ 15.592000] ubnt_poll: Setting TXOP Window parameters to size:25
timeout=perc:5
[ 15.592000] ubnt_poll: AR7240 CPU Freq set at 390 MHz, using
auxillary timer at 40 KHz
[ 15.592000] ubnt_poll: Module started in STA mode
[ 16.319000] Ebttables v2.0 registered
[ 16.792000] device eth0 entered promiscuous mode
[ 16.798000] device ath0 entered promiscuous mode
[ 16.804000] device eth1 entered promiscuous mode
[ 16.835000] ag7240_ring_alloc Allocated 1920 at 0x80e6d000
[ 16.835000] ag7240_ring_alloc Allocated 6048 at 0x81e28000
[ 16.837000] Virian MDC CFG Value ==> 6
[ 16.837000] Setting PHY...
[ 19.875000] AG7240: enet unit:0 phy:4 is up...GMii 100Mbps full
duplex
[ 19.875000] AG7240: done cfg2 0x7135 ifctl 0x10000 miictrl
[ 19.875000] Virian MDC CFG Value ==> 6
[ 19.875000] AG7240: enet unit 0 phy 4 mode 0x4c04
[ 19.928000] device wifi0 entered promiscuous mode
[ 19.947000] ADDRCONF(NETDEV_UP): ath0: link is not ready
[ 19.954000] ADDRCONF(NETDEV_UP): ath0: link is not ready
[ 19.960000] br0: port 1(eth0) entering learning state
[ 20.097000] ag7240_ring_alloc Allocated 1920 at 0x81e2c000
[ 20.097000] ag7240_ring_alloc Allocated 6048 at 0x80f5c000
[ 20.098000] Virian MDC CFG Value ==> 6
```

```
[ 20.960000] br0: port 1(eth0) entering forwarding state
[ 21.251000] ADDRCONF(NETDEV_UP): eth1: link is not ready
[ 21.258000] ADDRCONF(NETDEV_UP): eth1: link is not ready
[ 30.460000] eth0: no IPv6 routers present
[ 30.913000] br0: no IPv6 routers present
```

mtd

```
dev:      size   erasesize  name
mtd0: 00040000 00010000 "u-boot"
mtd1: 00010000 00010000 "u-boot-env"
mtd2: 00100000 00010000 "kernel"
mtd3: 00660000 00010000 "rootfs"
mtd4: 00040000 00010000 "cfg"
mtd5: 00010000 00010000 "EEPROM"
```

cpuinfo

```
system type : Atheros AR7240 (Python)
processor : 0
cpu model : MIPS 24Kc V7.4
BogoMIPS : 259.58
wait instruction : yes
microsecond timers : yes
tlb_entries : 16
extra interrupt vector : yes
hardware watchpoint : yes, count: 4, address/irw mask: [0x0ff8, 0x09dc,
0x00f8, 0x0788]
ASEs implemented : mips16
shadow register sets : 1
core : 0
VCED exceptions : not available
VCEI exceptions : not available
```

ifconfig

```
ath0      Link encap:Ethernet  HWaddr 00:27:22:7A:DA:4A
          UP BROADCAST PROMISC ALLMULTI MULTICAST  MTU:1500  Metric:1
          RX packets:0 errors:0 dropped:0 overruns:0 frame:0
          TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:0
          RX bytes:0 (0.0 B)  TX bytes:0 (0.0 B)

br0      Link encap:Ethernet  HWaddr 00:27:22:7A:DA:4A
          inet addr:192.168.1.20  Bcast:192.168.1.255
          Mask:255.255.255.0
                  inet6 addr: fe80::227:22ff:fe7a:da4a/64 Scope:Link
                  UP BROADCAST RUNNING ALLMULTI MULTICAST  MTU:1500  Metric:1
                  RX packets:1052 errors:0 dropped:0 overruns:0 frame:0
                  TX packets:220 errors:0 dropped:0 overruns:0 carrier:0
                  collisions:0 txqueuelen:0
```

```
inet6 addr: fe80::227:22ff:fe7b:da4a/64 Scope:Link
      UP BROADCAST RUNNING PROMISC ALLMULTI MULTICAST MTU:1500
      Metric:1
      RX packets:1071 errors:0 dropped:0 overruns:0 frame:0
      TX packets:809 errors:0 dropped:0 overruns:0 carrier:0
      collisions:0 txqueuelen:1000
      RX bytes:120718 (117.8 KiB) TX bytes:59678 (58.2 KiB)

eth1      Link encap:Ethernet HWaddr 02:27:22:7B:DA:4A
          UP BROADCAST PROMISC ALLMULTI MULTICAST MTU:1500 Metric:1
          RX packets:0 errors:0 dropped:0 overruns:0 frame:0
          TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:0 (0.0 B) TX bytes:0 (0.0 B)

lo        Link encap:Local Loopback
          inet addr:127.0.0.1 Mask:255.0.0.0
          UP LOOPBACK RUNNING MTU:16436 Metric:1
          RX packets:0 errors:0 dropped:0 overruns:0 frame:0
          TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:0
          RX bytes:0 (0.0 B) TX bytes:0 (0.0 B)

wifio     Link encap:Ethernet HWaddr 00:27:22:7A:DA:4A
          UP BROADCAST RUNNING PROMISC ALLMULTI MULTICAST MTU:2286
          Metric:1
          RX packets:0 errors:0 dropped:0 overruns:0 frame:0
          TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:500
          RX bytes:0 (0.0 B) TX bytes:0 (0.0 B)
          Interrupt:48 Memory:b0000000-b0010000
```

ไฟล์ mtd

- mtd0
- mtd1
- mtd2
- mtd3
- mtd4
- mtd5

เขียนโดย natthapol89 ที่ 19:30

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