

## AntMiner FAQ

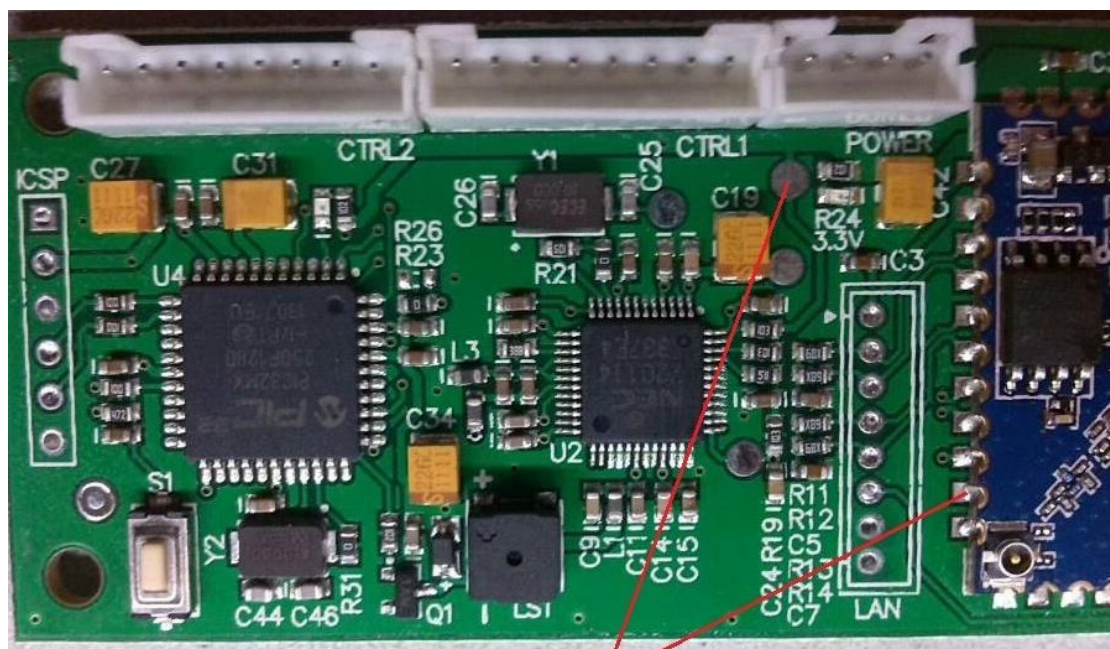
### Q: How to reset to the default state?

A: There is no reset button in the first batch of AntMiner. If AntMiner has to be reset, please follow these steps.

Step 1: Set your PC's IP address as 192.168.2.x, and then connect AntMiner with your PC via a network cable.

Step2: Power on AntMiner for a while when it is in the normal state. The WAN LED should be light.

Step3: Short the RESET PIN to 3.3V as the following picture for more than 3 seconds.




**Please short these two points**

Step4: Re-power the antMiner. Ping 192.168.2.99.

### Q: How to fix Network Time Protocol daemon (NTPD) Error?

Error: In some special network environment, NTPD server can't be accessed and it is failed to start cgminer. More information can be found at "Status -> System Log" tab.



StatusSystemNetworkLogout

OverviewFirewallRoutesSystem LogKernel LogProcessesRealtime GraphsMiner ConfigurationMiner Status

### System Log

```

Fri Sep 27 15:39:46 2013 daemon.info sysinit: ntpd: sent query to 218.75.4.130
Fri Sep 27 15:39:46 2013 daemon.info sysinit: ntpd: resolved peer 0.openwrt.pool.ntp.org to 218.75.4.130
Fri Sep 27 15:39:46 2013 daemon.info sysinit: ntpd: sent query to 218.75.4.130
Fri Sep 27 15:39:56 2013 daemon.info sysinit: Alarm clock
Fri Sep 27 15:39:56 2013 daemon.info sysinit: ntpd: resolved peer 3.openwrt.pool.ntp.org to 202.112.10.36
Fri Sep 27 15:39:56 2013 daemon.info sysinit: ntpd: sent query to 202.112.10.36
Fri Sep 27 15:39:56 2013 daemon.info sysinit: ntpd: resolved peer 2.openwrt.pool.ntp.org to 218.75.4.130
Fri Sep 27 15:39:56 2013 daemon.info sysinit: ntpd: sent query to 218.75.4.130
Fri Sep 27 15:39:56 2013 daemon.info sysinit: ntpd: resolved peer 1.openwrt.pool.ntp.org to 202.112.10.36
Fri Sep 27 15:39:56 2013 daemon.info sysinit: ntpd: sent query to 202.112.10.36
Fri Sep 27 15:39:56 2013 daemon.info sysinit: ntpd: resolved peer 0.openwrt.pool.ntp.org to 202.112.10.36
Fri Sep 27 15:39:56 2013 daemon.info sysinit: ntpd: sent query to 202.112.10.36
Fri Sep 27 15:40:06 2013 daemon.info sysinit: Alarm clock
Fri Sep 27 15:40:06 2013 daemon.info sysinit: ntpd: resolved peer 3.openwrt.pool.ntp.org to 202.112.31.197
Fri Sep 27 15:40:06 2013 daemon.info sysinit: ntpd: sent query to 202.112.31.197
Fri Sep 27 15:40:06 2013 daemon.info sysinit: ntpd: resolved peer 2.openwrt.pool.ntp.org to 202.112.10.36
Fri Sep 27 15:40:06 2013 daemon.info sysinit: ntpd: sent query to 202.112.10.36
Fri Sep 27 15:40:06 2013 daemon.info sysinit: ntpd: resolved peer 1.openwrt.pool.ntp.org to 202.112.29.82
Fri Sep 27 15:40:06 2013 daemon.info sysinit: ntpd: sent query to 202.112.29.82
Fri Sep 27 15:40:06 2013 daemon.info sysinit: ntpd: resolved peer 0.openwrt.pool.ntp.org to 202.112.29.82
Fri Sep 27 15:40:06 2013 daemon.info sysinit: ntpd: sent query to 202.112.29.82

```

A:

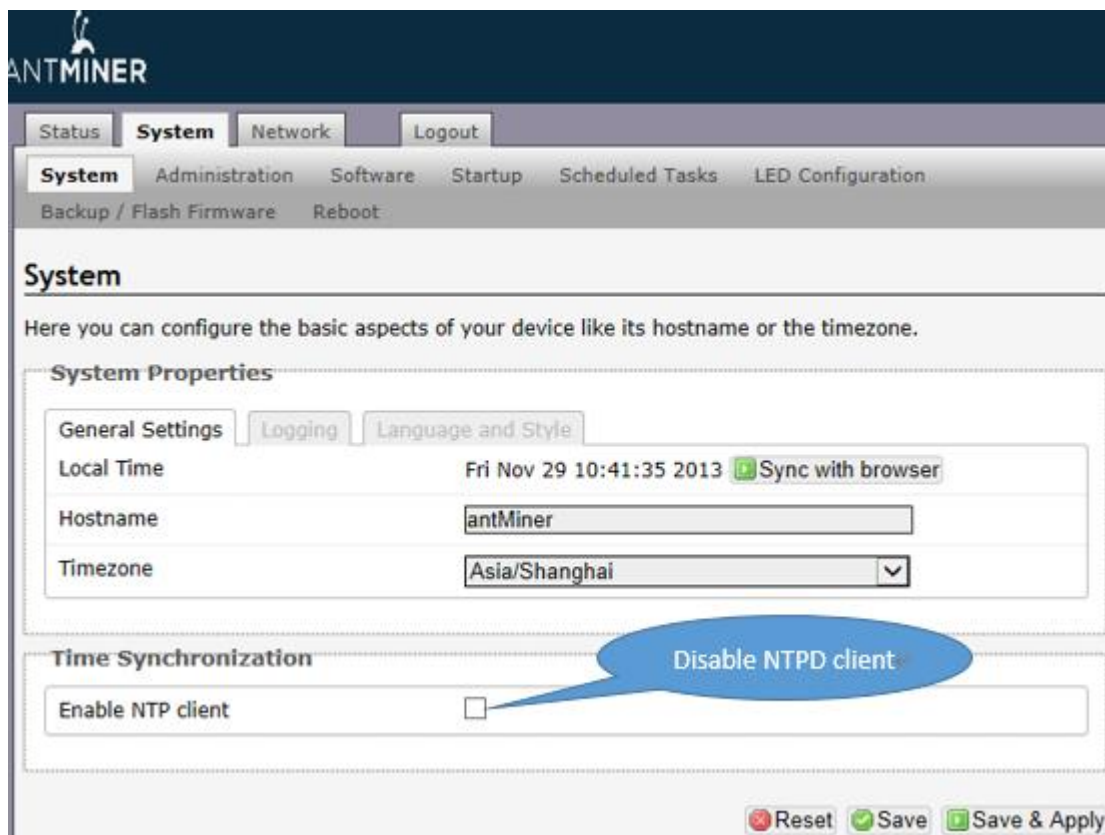
Step1: Modify /etc/init.d/cgminer as following to disable the NTPD detect for cgminer

```

#         if [ ! -f /tmp/cgminer-ntpd-done ]; then
#             while [ "$NTPD_RET" != "0" ]; do
#                 ntpd -d -n -q -N \
#                     -p 0.openwrt.pool.ntp.org \
#                     -p 1.openwrt.pool.ntp.org \
#                     -p 2.openwrt.pool.ntp.org \
#                     -p 3.openwrt.pool.ntp.org
#
#                 NTPD_RET=$?
#             done
#             touch /tmp/cgminer-ntpd-done
#         fi
#         echo $PARAMS

```

Step2: Disable NTPD client for linux.



**System**

Here you can configure the basic aspects of your device like its hostname or the timezone.

**System Properties**

General Settings | Logging | Language and Style

Local Time: Fri Nov 29 10:41:35 2013 [Sync with browser](#)

Hostname: antMiner

Timezone: Asia/Shanghai

**Time Synchronization**

Enable NTP client ☐ **Disable NTPD client**

[Reset](#) [Save](#) [Save & Apply](#)

Step3: Re-power AntMiner.

Q: How to change the clock frequency of AntMiner?

Frequency (MHz)	ASIC hash rate (GHz)	ASIC Hex Value	Timeout for 32-chip chain (ms)
150	1.2	0581	94
175	1.4	0681	80
200	1.6	0781	70
225	1.8	0881	63
250	2.0	0981	56
275	2.2	0A81	51
300	2.4	0B81	47
325	2.6	4C81	43
350	2.8	4D81	40
375	3.0	4E81	38
400	3.2	4F81	35
425	3.4	5081	33
450	3.6	5181	31
475	3.8	5281	30
500	4.0	5381	28