

### Technical Reference - Q&A

- 1. Q: I am using the AMD AM2 rev.G CPU. But the system always stops at POST after I turn on the system. I can't go into the operating system. What should I do?
  - A: For supporting AMD AM2 rev.G CPU, please follow the steps to update the BIOS of your motherboard to the latest one.
    - 1. Please press the "F2" key continuously right after turn on the system until it goes into the BIOS setup.
    - 2. Please disable the "Cool 'n' Quiet" function in BIOS setup.

BIO	S SETUP UTILITY	
Advanced		
CPU Configuration		
CPU Host Frequency Actual Frequency (MHz) Spread Spectrum PCIE Freq Select PCI Freq Select	[Auto] [200] [Auto] [Auto] [Sync. with CPU]	If AUTO, multiplier and voltage will be left at the rated frequency/voltage. If Manual, multiplier and voltage will be set based on User Selection in Setup.
Boot Failure Guard Cool' n' Quiet	[Enabled] [Enabled]	
Processor Maximum Multiplier Processor Maximum Voltage Multiplier/Voltage Change	x11 2200 MHz 1.450 V [Auto]	←→ Select Screen ↑↓ Select Item +- Change Option
Memory Clock Flexibility Option CAS Latency TRAS	[Auto] [Disabled] [Auto] [Auto]	F1 General Help F9 Load Defaults F10 Save and Exit ESC Exit
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- 3. Press "F10" key to save configuration changes and exit setup.
- 4. You can start to update the BIOS now.

How to update BIOS?

http://www.asrock.com/support/DOS.html

BIOS download page.

http://www.asrock.com/support/index\_download.asp?s=All

- 2. Q: I am using an AMD AM2 rev.G CPU on AM2V890-VSTA/ ALiveSATA2-GLAN. I have enabled the "Cool 'n' Quiet" in BIOS setup, installed the "K8 CPU driver" from support CD and chosen the "Minimal Power Management" in OS, but the Cool 'n' Quiet function still does not work. What can I do?
  - A: First, please make sure that if your CPU supports the Cool 'n' Quiet function. Second, please download the new "AMD Cool 'n' Quiet Driver" from the following website and install it. It will activate the Cool 'n' Quiet function properly. AM2V890-VSTA :

http://www.asrock.com/support/download.asp?Model=AM2V890-VSTA ALiveSATA2-GLAN :

http://www.asrock.com/support/download.asp?Model=ALiveSATA2-GLAN

## 3.Q: I have AM2NF6G-VSTA/ALiveNF6G-DVI motherboard. The onboard LAN does not work properly under Windows Vista. How can I solve this?

A: If you encounter this problem, there are two solutions you can choose, pls. select either one at your convenience.

#### Solution1

Please flash BIOS to P1.70 or later for AM2NF6G-VSTA and P1.60 or later for ALiveNF6G-DVI.

http://www.asrock.com/support/download.asp?Model=AM2NF6G-VSTA#bios http://www.asrock.com/support/download.asp?Model=ALiveNF6G-DVI#bios

#### Solution2.

Or please refer following steps to re-write MAC address under Windows Vista. Step1: Check MAC address.

When system boot up, press "F2" to enter BIOS setting.

Boot-> "Boot settings Configuration" -> set "Boot From Onboard LAN" to "enable". Press "F10". System will restart.

Please "F11" and select "NVIDIA Boot Agent".



Then you will see MAC address, pls. record it with no space for later usage.

WIDIA Boot Agent 240.0532 Copyright (C) 2001-2005 NVIDIA Corpo Copyright (C) 1997-2000 Intel Corpor CLIENT MAC ADDR: 00 13 8F 2A 3B 4C DHCP..∠

Step2: Boot system into Window Vista Right click "Computer" and click "Properties"



#### Step3:

Click "Device Manager"



Step4: Click "Continue"



Step5.

Right click "Networking Controller" and click "Properties".



Step6:

Choose "Network Address" in "Advanced " folder.

Write "MAC Address" which got from step1 into Value item.

Then click "OK".



# 4. Q: I connected ALiveNF6G-DVI with DVI card to a DVI monitor. When system resumed from standby mode under Windows Vista, I got black screen on the monitor. How can I solve this?

A: Please refer following steps to disable "Hybrid Sleep" under Windows Vista.

Step1: Please click "Control Panel".



Step2: Click "System and Maintenance".



Step3: Click "Power Options"



Step4: Click "Change plan settings" of "Balance"

	Require a password on wakeup Choose what the power button does Create a power plan	Select a power plan Power plans can help you maximize your computer active by selecting it, or choose a plan and customi about power plans
•	Choose when to turn off the display Change when the computer sleeps	Preferred plans  Second Strain Str
		Migh performance Change plan settings

Step5: Click "Change advanced power settings.

Turn off the display:	20 minutes	
Put the computer to sleep:	1 hour	3

Step6: Click "sleep". Set "Allow hybrid sleep" to off.

Select the power plan that you want then choose settings that reflect how	to customize, and you want your
computer to manage power.	
Change settings that are currently unava	ilable
Balanced [Active]	
Hard disk	×.
Wireless Adapter Settings	
🖻 Sleep	
	1.0
Allow hybrid sleep	=
Hibernate after	
USB settings	
Power buttons and lid	
IFI PCI Express	*
Resto	re plan defaults
Terro	re plan derodito

Step 7: Click OK or Apply to finish the setting.