

1. Q: How to disable the integrated VGA on FM2 motherboard?

A: Please enter BIOS\Advanced\North Bridge Configuration page, adjust [Share Memory] option to Auto, and disable [Dual Graphics] option.

3. Q: How could I use Wake On LAN function under Ubuntu (Kernal version 3.2.0-23) on Vision 3D series?

A: Please follow below steps to use WOL function.

1. Please enable "Onboard LAN power on" in BIOS\Advanced\ACPI configuration.
2. Connect LAN cable.
3. Search terminal in Dash Home and open it.



4. Please install ethtool to enable WOL by following command. (Refer the picture)

```
#sudo apt-get update  
#sudo apt-get install ethtool  
#sudo ethtool -s eth0 wol g  
#sudo reboot
```

```
asrock@asrock-desktop:~$ sudo apt-get update
[sudo] password for asrock:
Ign http://us.archive.ubuntu.com precise InRelease
Ign http://us.archive.ubuntu.com precise-updates InRelease
Ign http://us.archive.ubuntu.com precise-backports InRelease
Hit http://us.archive.ubuntu.com precise Release.gpg
Hit http://us.archive.ubuntu.com precise-updates Release.gpg
Ign http://security.ubuntu.com precise-security InRelease
Ign http://extras.ubuntu.com precise InRelease
Hit http://us.archive.ubuntu.com precise-backports Release.gpg
Hit http://security.ubuntu.com precise-security Release.gpg
Hit http://us.archive.ubuntu.com precise Release
Hit http://security.ubuntu.com precise-security Release
Hit http://extras.ubuntu.com precise Release.gpg
Hit http://us.archive.ubuntu.com precise-updates Release
Hit http://security.ubuntu.com precise-security/main Sources
Hit http://extras.ubuntu.com precise Release
Hit http://us.archive.ubuntu.com precise-backports Release
Hit http://us.archive.ubuntu.com precise/main Sources
Hit http://us.archive.ubuntu.com precise/restricted Sources
Hit http://us.archive.ubuntu.com precise/universe Sources
Hit http://us.archive.ubuntu.com precise/multiverse Sources
Hit http://us.archive.ubuntu.com precise/main 1386 Packages
Hit http://security.ubuntu.com precise-security/restricted Sources
Hit http://security.ubuntu.com precise-security/universe Sources
Hit http://security.ubuntu.com precise-security/multiverse Sources
Hit http://security.ubuntu.com precise-security/main 1386 Packages
Hit http://security.ubuntu.com precise-security/restricted 1386 Packages
Hit http://security.ubuntu.com precise-security/universe 1386 Packages
Hit http://security.ubuntu.com precise-security/multiverse 1386 Packages
Hit http://security.ubuntu.com precise-security/main TranslationIndex
Hit http://security.ubuntu.com precise-security/multiverse TranslationIndex
Hit http://security.ubuntu.com precise-security/restricted TranslationIndex
Hit http://extras.ubuntu.com precise/main Sources
Hit http://us.archive.ubuntu.com precise/restricted 1386 Packages
Hit http://us.archive.ubuntu.com precise/universe 1386 Packages
Hit http://us.archive.ubuntu.com precise/multiverse 1386 Packages
Hit http://us.archive.ubuntu.com precise/main TranslationIndex
Hit http://us.archive.ubuntu.com precise/multiverse TranslationIndex
Hit http://us.archive.ubuntu.com precise/restricted TranslationIndex
Hit http://us.archive.ubuntu.com precise/universe TranslationIndex
Hit http://us.archive.ubuntu.com precise-updates/main Sources
Hit http://security.ubuntu.com precise-security/universe TranslationIndex
Hit http://us.archive.ubuntu.com precise-updates/universe Sources
Hit http://us.archive.ubuntu.com precise-updates/multiverse Sources
Hit http://us.archive.ubuntu.com precise-updates/main 1386 Packages
Hit http://us.archive.ubuntu.com precise-updates/restricted 1386 Packages
```

```
Hit http://us.archive.ubuntu.com precise-updates/universe TranslationIndex
Hit http://us.archive.ubuntu.com precise-backports/main Sources
Hit http://us.archive.ubuntu.com precise-backports/restricted Sources
Hit http://us.archive.ubuntu.com precise-backports/universe Sources
Hit http://us.archive.ubuntu.com precise-backports/multiverse Sources
Hit http://us.archive.ubuntu.com precise-backports/main 1386 Packages
Hit http://security.ubuntu.com precise-security/restricted Translation-en
Hit http://us.archive.ubuntu.com precise-backports/restricted 1386 Packages
Hit http://us.archive.ubuntu.com precise-backports/universe 1386 Packages
Hit http://us.archive.ubuntu.com precise-backports/multiverse 1386 Packages
Hit http://us.archive.ubuntu.com precise-backports/main TranslationIndex
Hit http://us.archive.ubuntu.com precise-backports/multiverse TranslationIndex
Hit http://us.archive.ubuntu.com precise-backports/restricted TranslationIndex
Hit http://security.ubuntu.com precise-security/universe Translation-en
Hit http://us.archive.ubuntu.com precise-backports/universe TranslationIndex
Hit http://us.archive.ubuntu.com precise/main Translation-en
Hit http://us.archive.ubuntu.com precise/multiverse Translation-en
Hit http://us.archive.ubuntu.com precise/restricted Translation-en
Hit http://us.archive.ubuntu.com precise/universe Translation-en
Hit http://us.archive.ubuntu.com precise-updates/main Translation-en
Hit http://us.archive.ubuntu.com precise-updates/multiverse Translation-en
Hit http://us.archive.ubuntu.com precise-updates/restricted Translation-en
Hit http://us.archive.ubuntu.com precise-updates/universe Translation-en
Hit http://us.archive.ubuntu.com precise-backports/main Translation-en
Hit http://us.archive.ubuntu.com precise-backports/multiverse Translation-en
Hit http://us.archive.ubuntu.com precise-backports/restricted Translation-en
Hit http://us.archive.ubuntu.com precise-backports/universe Translation-en
Ign http://extras.ubuntu.com precise/main Translation-en_US
Ign http://extras.ubuntu.com precise/main Translation-en
Reading package lists... Done
asrock@asrock-desktop:~$ sudo apt-get install ethtool
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following NEW packages will be installed:
  ethtool
0 upgraded, 1 newly installed, 0 to remove and 536 not upgraded.
Need to get 91.6 kB of archives.
After this operation, 293 kB of additional disk space will be used.
Get:1 http://us.archive.ubuntu.com/ubuntu/ precise/main ethtool 1:3.1-1 [91.6 kB]
Fetched 91.6 kB in 1s (65.8 kB/s)
Selecting previously unselected package ethtool.
(Reading database ... 140517 files and directories currently installed.)
Unpacking ethtool (from .../ethtool_1:3.1-1_1386.deb) ...
Processing triggers for man-db ...
Setting up ethtool (1:3.1-1) ...
asrock@asrock-desktop:~$ sudo ethtool -s eth0 wol g
asrock@asrock-desktop:~$ sudo reboot
```

5. Now, the system is ready to be woken up through LAN by other computers.