

How to configure WOL (Wake On Lan) on Elo AIO Products

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This procedure explains how to configure an Elo AIO system to use Wake On Lan.

In this example we used an ESY22C2 touchcomputer with Windows 7 and a Realtek PCIe GBE Family Controller. Other systems and network cards may have slightly different BIOS and Ethernet driver settings

The below hardware has been tested and verified to work using this procedure:

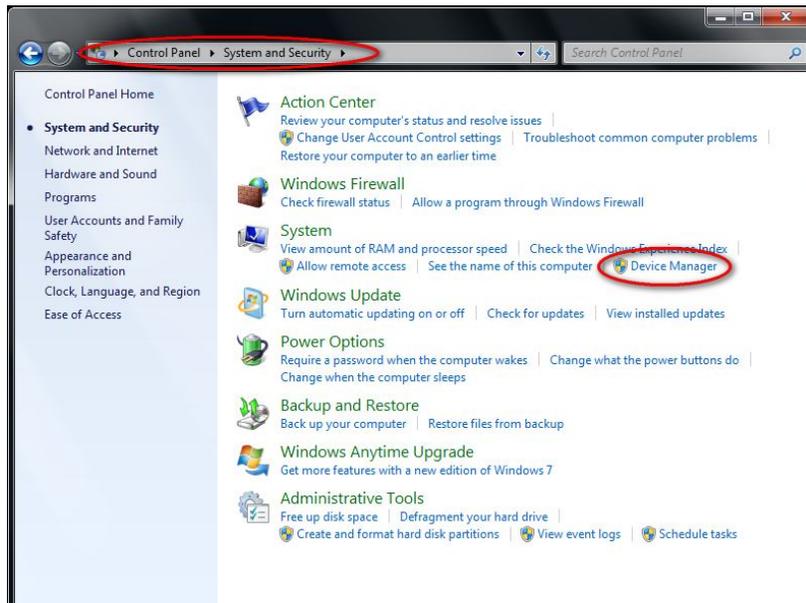
- **AIO Touchcomputers:** B-Series, C-Series, D-Series, IDS Computer Module
- **Operating Systems:** Windows XP, Windows 7, Fedora
- **Ethernet Controllers:** Atheros AR8121/AR8113/AR8114 PCIe Ethernet controller.
Realtek PCIe GBE Family Ethernet Controller
Realtek RTL 8168C(P) PCI-E Gigabit Ethernet NIC

NOTE: Installing the latest driver for the Ethernet Controller Card before attempting to make changes may enable more advanced features in the Ethernet Controller driver.

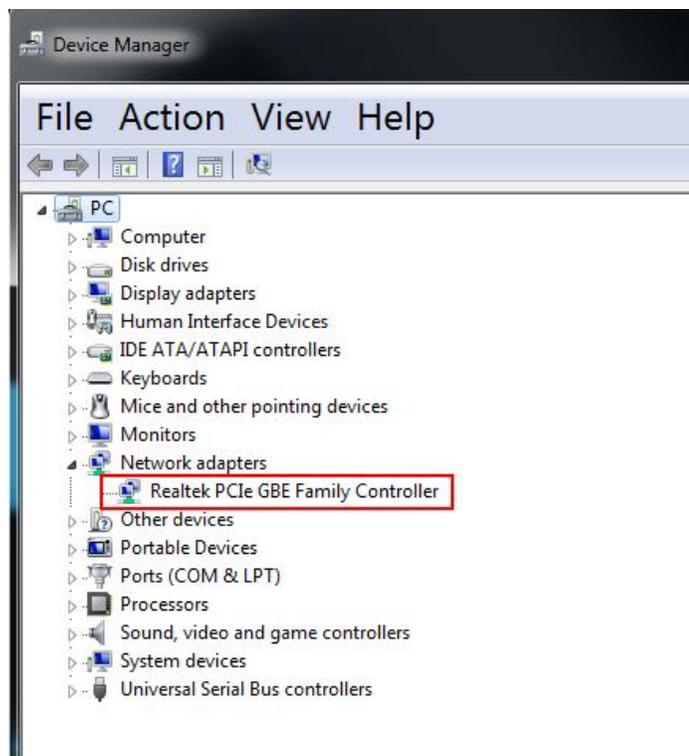
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Procedure

1. Open Windows Device manager: Click on Start then Run, type in **devmgmt.msc** and hit enter. Device manager should open. Alternatively you can go to: Start/Control Panel/System and Security/Device Manager.

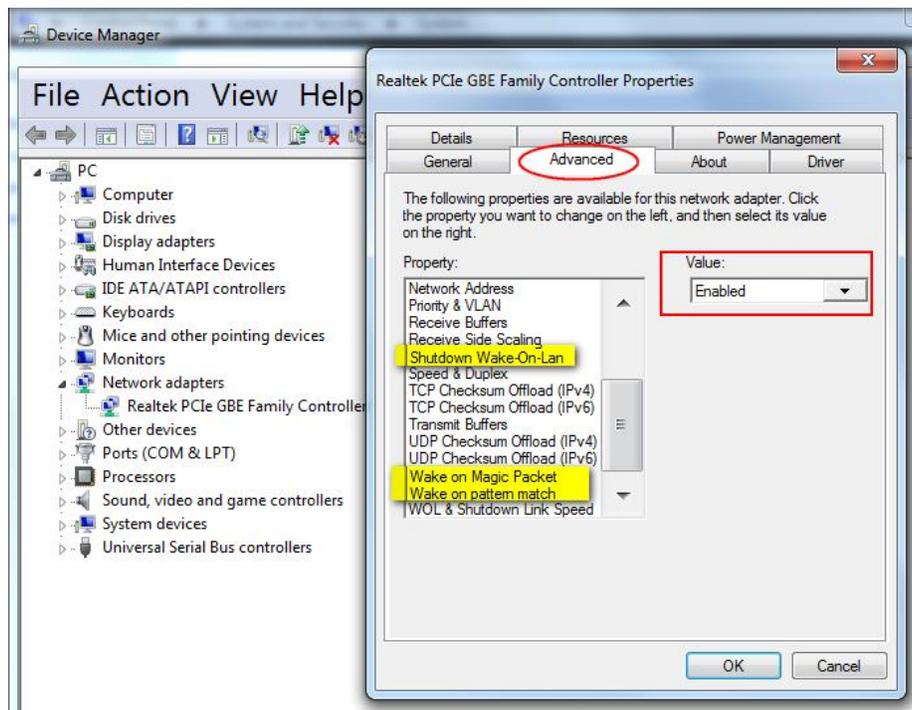


2. Once in Device Manager, navigate down to the **Network adapters** section and expand the selection. You should see the Network adapter name. In this example it is "Realtek PCIe GBE Family Controller." NOTE: The name of your Network adapter may be different than what is in this example; however, the procedure should work the same.

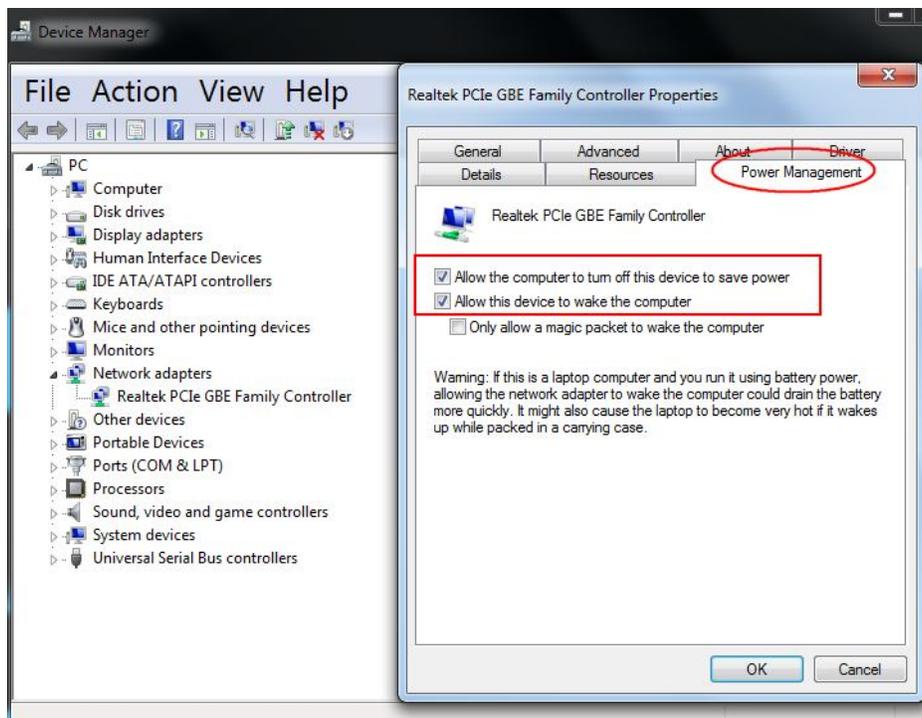


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3. Double click on the Network Adapter name and select the **“Advanced”** tab.” Navigate down to **“Shutdown Wake-On-Lan” (OR SIMILAR)** and set the Value to **“Enabled.”** Repeat the same thing for **“Wake on Magic Packet,”** and **“Wake on pattern match.” (IF AVAILABLE)**

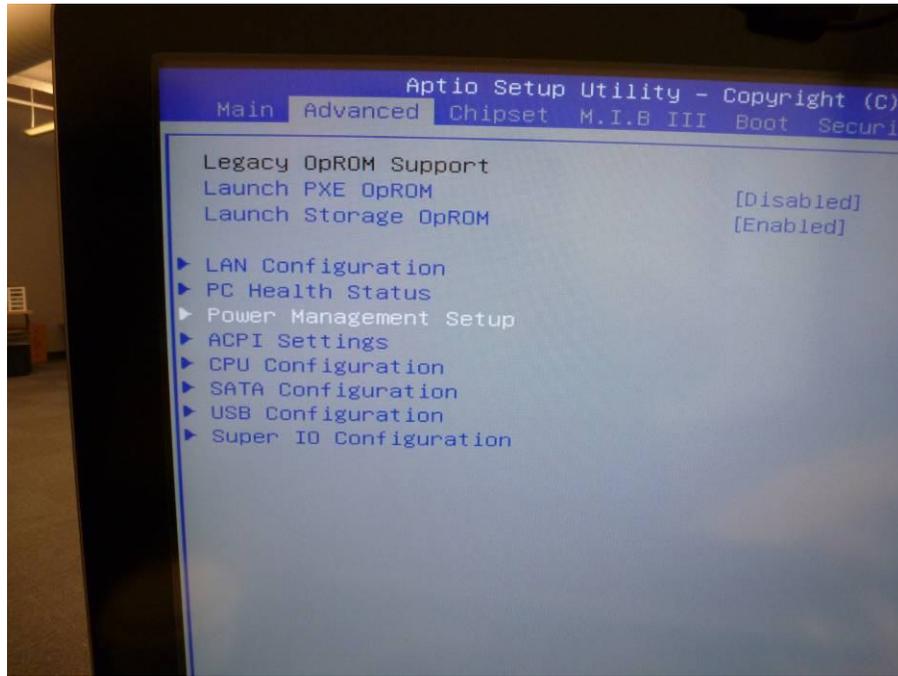


4. Next select the **“Power Management”** tab and make sure **“Allow the computer to turn off this device to save power,”** and the **“Allow this device to wake the computer,”** options are checked.

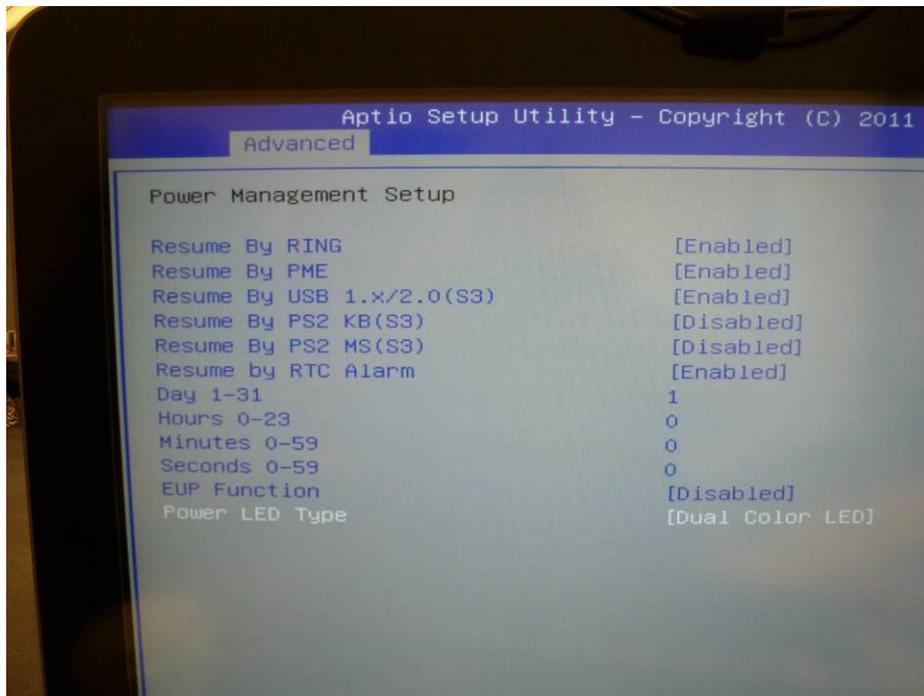


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- Restart the computer. As the computer is booting up, begin pressing the DEL key on the keyboard to enter the BIOS.
- Once in BIOS, navigate to the “**Advanced**” section and enter the “**Power Management Setup.**”

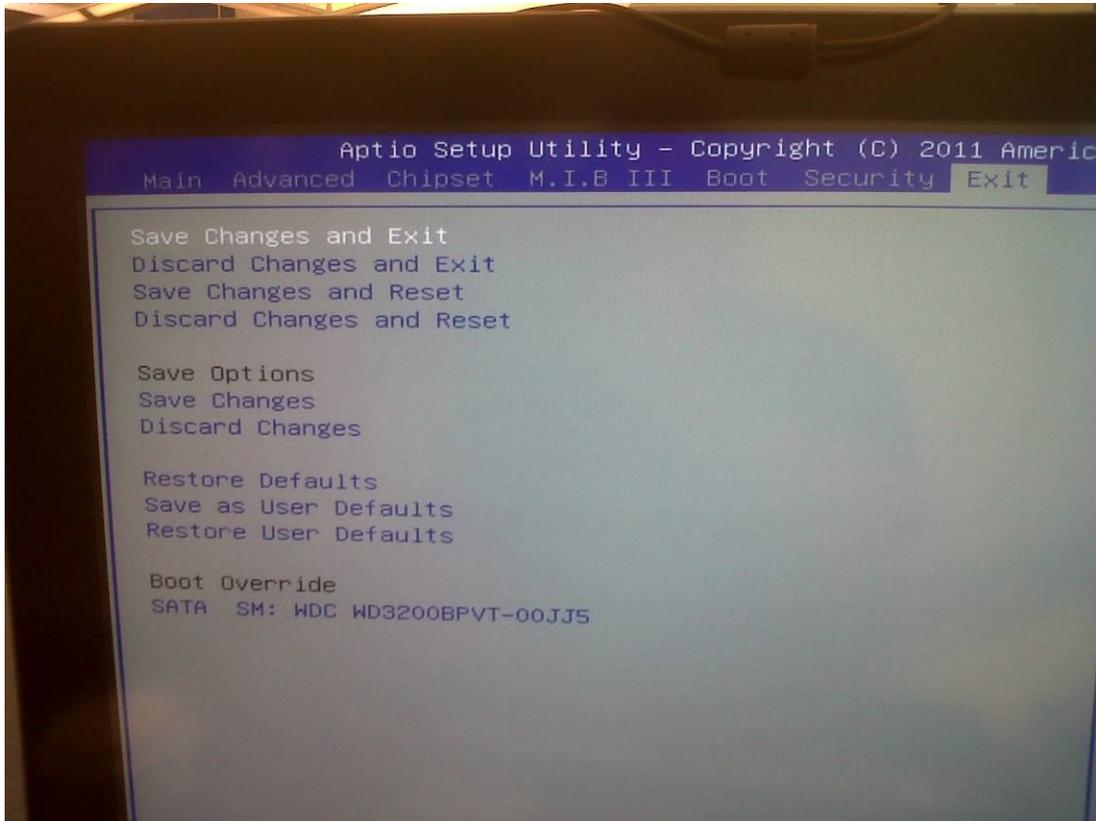


- Set the following options: Resume By Ring [Enabled] – Resume By PME [Enabled] - Resume By RTC Alarm [Enabled] - EUP Function [Disabled] (**IF AVAILABLE**)



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8. Navigate to the "Exit" tab and choose "Save Changes and Exit."



9. The Elo AIO product is now Wake On Lan capable. Use the *Magic Packet Sender of your choice.

Additional Help:

- More information about Wake On Lan here: <http://en.wikipedia.org/wiki/Wake-on-LAN>
- How to find your Mac Address here: <http://www.wikihow.com/Find-the-MAC-Address-of-Your-Computer>
- *A free Magic Packet Sender can be downloaded here: <http://www.wilcoxwide.com/jimmys-magic-packet.html> (url valid at the time of this writing. The above link is only being provided as a courtesy. Elo does not offer any support for 3rd party software or make any guarantees that it will work for your product.)