

## **Pegasus Network Issues**

<b>Issue Date:</b>	14-September-2005	<b>Circulation:</b>	General
<b>PCB Version:</b>	N/A	<b>Schematic Version:</b>	N/A
<b>PCB Issue:</b>		<b>Schematic Issue:</b>	

Some Pegasus single board computers will exhibit connectivity issues when using Ethernet. The problem can be illustrated by using continuous large packet (1400byte) pings resulting in a number being dropped.

It is related to the programming of special registers in the onboard MacPhyter DP83815 network chip, and can be resolved by reprogramming these registers with new values.

If your board is exhibiting these symptoms then please follow the instructions for your particular operating system :-

### **Linux**

You are recommended to upgrade your Linux version to AEL v4i1, which incorporates the necessary support for this issue.

### **DOS**

Download the replacement driver and instructions using the following link  
[http://www.arcom.com/support/downloads/PegasusDOS\\_Ethernet.zip](http://www.arcom.com/support/downloads/PegasusDOS_Ethernet.zip)

### **WinCE**

Download the utility and instructions from the following link  
[http://www.arcom.com/support/downloads/PegasusWinCE\\_Ethernet.zip](http://www.arcom.com/support/downloads/PegasusWinCE_Ethernet.zip)

If you have any further questions then please contact Eurotech Ltd Technical Support

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