



BAS Application Note 014

Installing an ACL Card in a Windows 95/98 System

1. Select Start/Settings/Control Panel. Double-click on the System icon.
2. Select the Device Manager tab.
3. With the Computer item selected (default), click the Properties button.
4. From the View Properties tab, select the Input/Output (I/O) radio button.
5. Scroll down through the I/O settings and verify that 0300-0303 is available. The ACL must have a dedicated I/O address. The I/O address will occupy 4 bytes. The addresses that can be used by the ACL card are 0200, 0300, and 0700. The default address of 0300-0303 will sometimes conflict with a network board if installed.
6. From the View Properties tab, select the Memory radio button.
7. Scroll down through the Memory settings and verify that 000D0000-000D3FFF is available. The ACL must have 16k of system RAM reserved. The RAM can be any 16k block in upper memory, but must start on an even 16K boundary. The default memory segment is D0000-D3FFF.
8. From the Reserve Resources tab, select the Input/Output (I/O) radio button.
9. Click the Add button. Enter 0300 as a Start value and 0303 as an End value (or other available address).
10. Click OK.
11. From the Reserve Resources tab, select the Memory radio button.
12. Click the Add button. Enter 000D0000 as a Start value and 000D3FFF as an End value (or other available memory area).
13. Click OK.
14. Click OK to exit Computer Properties.
15. Click OK to exit System Properties.
16. Edit C:\Autoexec.bat. Add the following lines at the end of the file:
CD \BAS
C:\BAS\BAS.BAT
17. The I/O address and memory address must be reported to the ACL. If an I/O address other than the default of 0300 or memory location other than the default of D0000 is used, edit the ACLLOAD ISA 0300 D0000 statement in C:\BAS.BAT to match the reserved resources.
18. Launch the BAS software and select System/Site Configure/EnerNet Settings. Select the ACL Card as EnerNet Type. Enter the Max # of Trunks (up to 8). If a memory location other than D0000 is used enter the correct value as ACL DP Segment.
19. Click OK.
20. Shutdown the computer and install the ACL card. The reserved IO Address must match the dip switch settings of the ACL board. The available I/O settings are:
0200 All 8 OFF
0300 1=ON, 2-8=OFF
0700 1-7=OFF, 8=ON
21. Reboot the computer and verify System starts normally.