

RTL8139A Power Management User Guide

A. Wake-Up from StandBy mode

Required environment:

Mother Board: 440LX, 440BX or any one which wired all PCI slot signal pin A19.

BIOS: Award APM mode

OS: Windows 98

Wake-Up method:

Wake-Up packet: Magic packet (sent by AMD's MAGPAC.EXE or RSET8139.EXE).

Wake-Up signal: PME#

Configuration tips:

1. MUST enable the Power Management item in BIOS.
2. In Control Panel->Power Management->Power Schemes, the Power Schemes item CANNOT be "Always On".

Testing method:

When the remote PC goes into Stand By mode, then the Host PC sends the Magic packet, the remote PC will be waked up after some minutes that depends on the running processes of device drivers and applications.

B. Wake-Up from Shutdown/PowerDown mode

Required environment:

Mother Board: 440LX, 440BX, or any one which wired all PCI slot signal pin A19.

BIOS: Award APM mode

OS: Windows 98, Windows 95, DOS

Wake-Up method:

Wake-Up packet: Magic packet (sent by AMD's MAGPAC.EXE or RSET8139.EXE)

Wake-Up signal: PME#

Testing method:

1. DOS: After the remote PC boots into DOS successfully, press the Power button of the remote PC, the remote PC will be Power Down, then the host PC sends the Magic packet, the remote PC will be waked-up and boot into OS.

2. Windows 95: Shutdown the remote PC, the remote PC will Power Down automatically, then the Host PC sends the Magic packet, the remote PC will be waked-up and boot into OS.

3. Windows 98: Shutdown the remote PC, press the Power button of the remote PC, the remote PC will be Power Down, then the Host PC sends the Magic packet, the remote PC will be waked-up and boot into OS.