



Technical Bulletin
(1005339 Rev. A)
November 20, 2003
Updated June 26, 2006

Models Affected:

1002353 (1000I-P4-MS)

Model Serial Numbers:

140900-140909

Details:

During OS configuration NT. 4.0 will not recognize RAID (2200S) after drivers (4.0.5767) are loaded. This problem will not allow you to load windows NT. 4.0 server. Symptoms predict a resource issue between the RAID card and motherboard causing NT. 4.0 not to load. The RAID is seen in POST in a non-degraded state and will load Windows 2000 Server without error.

Component Part Numbers (if required)

- 1) 1002929 (Adaptec SCSI RAID 2200S)
- 2) 1001084 (Supermicro P4SGR)
- 3) 1000343 (Microsoft Windows NT Server 4.0)
- 4) 1000598 (Microsoft Windows NT Workstation 4.0)
- 5) 1000607 (Microsoft Windows NT Workstation 4.0)

Solution:

In order to load NT. 4.0 you must go into CMOS select the "Advanced" option then select "Advanced BIOS Features". There will be a setting that is listed as "APIC Mode" you must disable this to load the Adaptec drivers for NT.

After the APIC feature is disabled you will be able to load the operating system but you will still receive an "aacport" error in the event viewer. This error is caused by the RAID controller because it cannot get all resources it requested. Adaptec does not recommend any configuration that has the "aacport" error in the event viewer.