



**\*Technical Bulletin\***

(1005322 Rev. A)

June 26, 2006

**Models Affected:**

1004698 (4000X2-HSP-M2M-A)  
1004808 (4001X2-ESAS)  
1005184 (4002X2-IMUSE-GCS)  
1005249 (4K2X2HSP4GB-SBLN)  
1005250 (4002X2-DDTC)

**Model Serial Numbers:**

143663, 143664, 143665, 143666, 143667, 143669, 145041, 145161, 145162, 145163, 145164, 145165,  
145166, 145167, 145168, 145169, 145170, 145171, 145172, 145173, 145174, 145175, 145176

**Details:**

NIC-1 and NIC-2 LAN Activity LED's behave differently from each other. NIC-1 Activity LED is continually on when connected, NIC-2 Activity LED flashes to show link.

**Component Part Numbers (if required)**

- 1) 1004264 (SE7520BD2 Brandon Motherboard)
- 2) 1002018 OR 1001480 (Front Panel Button Boards)
- 3) Front panel with two NIC LED holes

**Solution:**

The NIC Activity LED's have three states ON, OFF, and Blinking. OFF shows that there is no link or access. ON shows that there is a link but does not show access. Blinking shows that there is a link and there is access. How the status LED behaves when connected is controlled by the chipset for that NIC. On the SE7520BD2 motherboard NIC-1 and NIC-2 are different types of ports and have different chipsets controlling them. Therefore NIC-1 uses a steady on to show that it is connected. NIC-2 however shows activity on the line by flashing when in use.