

Power On Status

This module displays the status of the system at the last system startup. An error in any of these items should be checked out as soon as possible. If you have access to the appropriate diagnostic utility, it may be useful in pinpointing the problem. As always, BACKUP any important data before using utilities of this type since many of the tests they perform may be destructive to any data.

CMOS RAM/Real Time Clock Battery - If the battery which supplies continuous power to the Real Time Clock is running low this item will report ERROR. If an error is reported, the battery should be replaced. Consult your system manual for replacement part numbers and replacement procedures.

CMOS RAM/Real Time Clock Power - If there has been a discontinuity of power to the Real Time Clock this item will report ERROR. This is normal if the battery has failed. If on the other hand the battery does NOT report an ERROR it may indicate a power supply problem on the system board.

Configuration Verification - If the configuration record stored in the CMOS RAM did not match the hardware found when the system was started this item will report ERROR. If you have changed the configuration of the system without running the hardware setup utility this error will result. Running the system manufacturer's setup utility should resolve this problem.

Checksum Verification - If the power-on self test of the system found an error in the contents of the CMOS RAM memory this item will report ERROR. This is usually caused by a failing battery or a defective program erroneously writing to the CMOS RAM. Run the system manufacturer's setup utility to reestablish the configuration record in the CMOS RAM.

Memory Size Verification - If the memory size found at startup does not match the size stored in the configuration record of the CMOS RAM this item will report ERROR. If you have changed the memory configuration of the system without running the manufacturer's setup utility this error will occur. If running the setup utility and checking that all memory boards and chips are properly seated does not resolve this problem have the system unit checked.

Hard Disk Controller Initialization - If the Hard Disk Controller did not initialize correctly when the system was started this item will report ERROR. This can be a serious error. If this error occurs, check the cables connecting the drives to the controller and make sure the system has proper ventilation. If the problem persists use the hardware manufacturer's diagnostics utility to locate the exact cause of the problem.

Time of Day Validity - If the time of day setting in the Real Time Clock is invalid this item will report ERROR. If the battery is low or has failed this is normal. Use the hardware setup utility to set the correct date and time.