Subject : Y2K Status of Alpha 164LX and UX164

The "year 2000 issue" is that some computers could misinterpret the digits "00" to mean the year is 1900 rather than 2000. Some also might not recognize year 2000 as a leap year (the turn of the century is a leap year just once every four centuries), and so may not be able to do the transition properly from February 28 to February 29 to March 1, 2000.

SEC(Samsung Electronics) has tested the Alpha motherboard 164LX and 164UX as follows and both have passed all the tests. This test was performed in order to check whether they have the year 2000 problem as stated above.

1. Millenium test using HCT 8.1 under Windows NT4.0(Service pack 4)
   - This test verifies the system BIOS and RTC can properly handle the transition from the year 1999 to 2000. The test sets the date to 12/31/99 11:59:00 PM and powers down the system.
   After one minute, the machine should be powered back up. As time changes to 12:00 AM with power off, some BIOS and RTC combinations incorrectly change the year to 1900.
   And the 164LX and 164UX have passed the above test.
   - And by repeating the above cycle the test also checks that the BIOS recognizes February 29, 2000 as a valid date and also checks that the system can properly handle the year 2036.
   And the 164LX and 164UX have passed the test.

2. Millenium test under AlphaBIOS CMOS setup
   - We have tested whether the AlphaBIOS recognizes the year 2000. So we have changed the date to 12/31/1999 11:59:00 PM and power down the system. And after turning the system back on, the date was properly changed to indicate 01/01/2000 12:00 AM.
   - It successfully recognized year 2000 as a leap year, and it successfully performed the transition from February 28 to February 29 to March 1, 2000.

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