



# Service Information

<b>Product:</b>	EA SPORTS™ PGA TOUR® GOLF with NB-32 Motherboard
<b>Issue:</b>	Changing the BIOS (CMOS) Settings

This document describes how to enter the BIOS (CMOS) Setup Utility and change the settings for an EA SPORTS™ PGA TOUR® GOLF cabinet with an NB-32 motherboard. The NB-32 motherboard has vertical audio ports, and USB and Ethernet ports located right under the keyboard port.

## Quick Reference Table: Key BIOS Settings

Press the **DEL** key during boot to enter the CMOS Setup Utility. Select **Load Optimized Defaults** from the Main Menu, and then set the following settings:

Menu	Item	Setting
Standard CMOS Features	Halt On	No Errors
Advanced BIOS Features	First Boot Device	CDROM*
	Second Boot Device	HDD-0*
	Third Boot Device	Disabled*
Integrated Peripherals	PWR Loss Resume State	Turn On

\*If a Floppy Disk Drive is installed, set Floppy as First Boot Device, CDROM as Second Boot Device, and HDD-0 as Third Boot Device.

When finished, press **F10** or select **Save and Exit** and press **Enter**. Select **YES** to confirm.

## Changing the BIOS Settings: Detailed Instructions

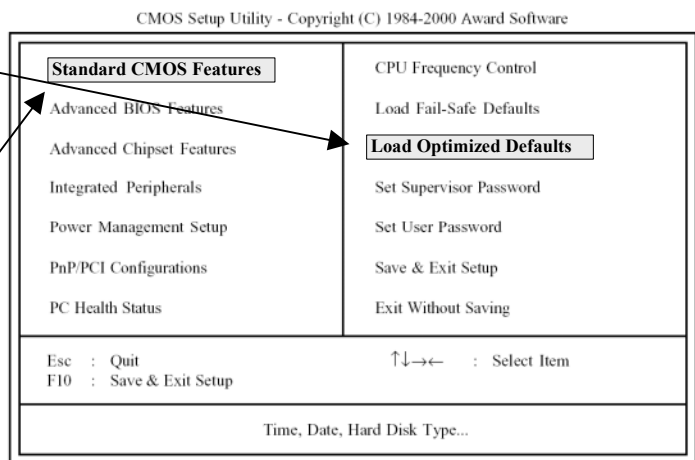
**Important:** Your screens may not look exactly like the screens shown below, and some settings shown on the screens below may be different from your system. **Do not change any settings that are not specifically mentioned in this document.**

1. Press the **DEL** key during boot. The CMOS Setup Utility Main Menu will appear:

2. Use the Arrow keys (↑↓→←) to select **Load Optimized Defaults**, and press **Enter**.  
 Press **Y** and **Enter** when prompted to confirm the change.

**Note:** Step 2 ensures that the settings *not* described in this document are correct.

3. Use the Arrow keys to highlight **Standard CMOS Features**, and then press **Enter**.



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A screen similar to the following will appear:

- Use the Arrow keys to highlight the setting for **Halt On**.  
Use the **Page Up** and **Page Down** keys to change the setting to **No Errors**.  
Press **ESC** to go back to the Main Menu.

CMOS Setup Utility - Copyright (C) 1984-2000 Award Software  
Standard CMOS Features

Date (mm:dd:yy)	Mon, Jun 18 2001	Item Help
Time (hh:mm:ss)	4 : 35 : 5	
▶ IDE Primary Master	Press Enter None	Menu Level Change the day, month, year and century
▶ IDE Primary Slave	Press Enter None	
▶ IDE Secondary Master	Press Enter None	
▶ IDE Secondary Slave	Press Enter None	
Drive A	1.44M, 3.5 in.	
Drive B	None	
Video	EGA/VGA	
Halt On	<b>No Errors</b>	
Base Memory	640K	
Extended Memory	129024K	
Total Memory	130048K	
↑↓→← Move Enter:Select +/-/PU/PD:Value F10:Save ESC:Exit F1:General Help F5:Previous Values F6:Fail-Safe Defaults F7:Optimized Defaults		

- Now repeat step 2 but highlight **Advanced BIOS Features** and press **Enter**. A screen similar to the following will appear:

- Use the Arrow keys to highlight the setting for **First Boot Device**.  
Use the **Page Up** and **Page Down** keys to change the setting to **CDROM**.

- Set **Second Boot Device** to **HDD-0** and **Third Boot Device** to **Disabled** the same way.  
Press **ESC** to go back to the Main Menu.

**Note:** If a floppy drive is installed, set **First Boot Device** to **Floppy**, **Second Boot Device** to **CDROM**, and **Third Boot Device** to **HDD-0**.

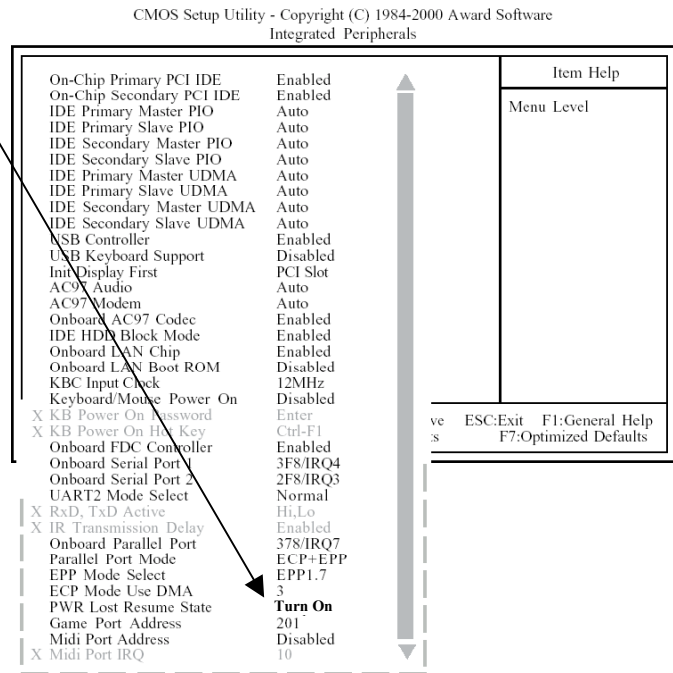
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Advanced BIOS Features

BIOS Flash Protect	Disabled	Item Help
Virus Warning	Disabled	
CPU L1 & L2 Cache	Enabled	Menu Level Allows you to choose the VIRUS warning feature for IDE Hard Disk boot sector protection. If this function is enabled and someone attempt to write data into this area, BIOS will show a warning message on screen and alarm beep
Quick Power-On Self Test	Enabled	
First Boot Device	<b>CDROM</b>	
Second Boot Device	<b>HDD-0</b>	
Third Boot Device	<b>Disabled</b>	
Boot Other Device	Enabled	
Swap Floppy Drive	Disabled	
Boot Up Floppy Seek	Disabled	
Boot Up NumLock Status	On	
Typeomatic Rate Setting	Disabled	
X Typeomatic Rate (Chars/Sec)	6	
X Typeomatic Delay (Msec)	250	
Security Option	Setup	
OS Select For DRAM > 64MB	Non-OS2	
HDD S.M.A.R.T. Capability	Disabled	
↑↓→← Move Enter:Select +/-/PU/PD:Value F10:Save ESC:Exit F1:General Help F5:Previous Values F6:Fail-Safe Defaults F7:Optimized Defaults		

- Now repeat step 2 but highlight **Integrated Peripherals** and press **Enter**. The Integrated Peripherals menu will appear. (Note that this menu is too long to display on screen all at once.)

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9. Press and hold the down Arrow (↓) key to scroll down to the bottom of the menu, and then use the up arrow (↑) to highlight the setting for **PWR Lost Resume State** (fourth item from the bottom). Use the **Page Up** and **Page Down** keys to change the setting to **Turn On**.



10. Now that all settings are correct, press **F10**. The following prompt will appear:

Save to CMOS and EXIT (Y/N) Y

11. Make sure "Y" shows at the end of the prompt (if "N" shows, the settings will not be saved), and press **Enter** to save the settings and exit.