

BIOS Update/Recovery – Why & How

When BIOS gets corrupted?

- When Power goes OFF during BIOS Update
- Power fluctuations
- Electrostatic

BIOS Update

Why BIOS Update?

- If the specific issues are fixed by newer BIOS then only you can do BIOS update

TO DO BIOS UPDATE GOTO

<http://support.intel.com/support/motherboards/desktop/sb/CS-023357.htm>

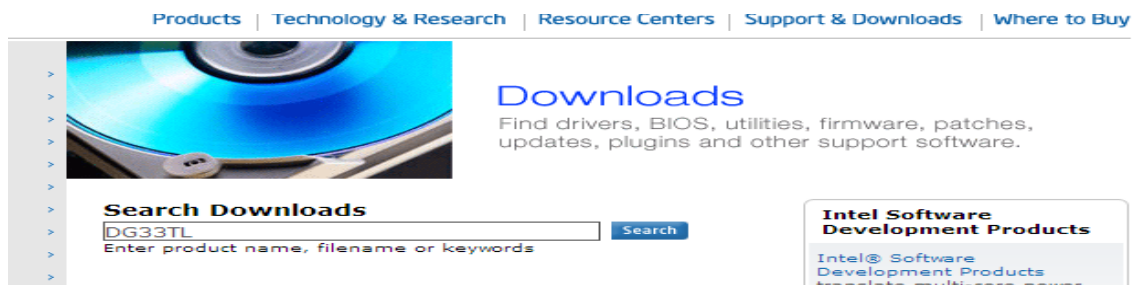
Why Recovery need?

- In unlikely event that a BIOS is interrupted
- No Display with all other components like Memory, SMPS, CPU, HDD are working fine

BIOS Recovery

How to Do BIOS Recovery

1. Download the required version of BIOS from
http://downloadcenter.intel.com/default.aspx?iid=CorporateV3+Header_2_Support_Download
2. Select your Product (ex: DG33TL)



- 3.
4. Select Operating system (ex: windows XP Professional)

Do

- Do Check whether LED on the mother board is glowing or On before performing the BIOS recovery
- Do connect only required components (Avoid using HDD, PCI Cards, Peripherals)
- Do update the BIOS on your computer only if the newer BIOS version specifically solves a problem you have
- Do view all BIOS changes in the Release Notes included on the BIOS download page in Download Center, in case you

Don'ts

- Do not recommend BIOS updates for computers that do not need it

Intel® Desktop Board DG33TL

Select your operating system for available downloads.

select your operating system

---- Select ----

---- Select ----

- Windows® XP Professional x64 Edition
- Windows® XP Professional
- Windows® XP Media Center Edition
- Windows® XP Home Edition
- Windows Vista® 64
- Windows Vista® 32
- OS Independent
- All Operating Systems

Go!

Download Assistance

- For more information on this product, use the product links provided on the left.
- The "OS Independent" option is for downloads which work with any operating system.
- Downloads for this product are available only for the listed operating systems.

5.

6. Download .BIO file and copy it into a CD/Floppy/USB. If it is floppy it must be formatted before copying

Intel® Desktop Board DG33TL

13 downloads on 1 page supported for Windows® XP Professional

Download Types:

- BIOS
- Drivers
- Software Applications
- Documentation

BIOS

Title	Ver.#	Date
1. BIOS Update 0407 [DPP3510J.86A] (2699KB)	0407	2/18/2008
Four methods for updating your Intel® Desktop Board's BIOS version.		
Read Me (pdf) Release Notes (pdf)		
OS: OS Independent, Windows Vista® 32, Windows Vista® 64, Windows® XP Home Edition, Windows® XP Media Center Edition, Windows® XP Professional, Windows® XP Professional x64 Edition		
Download File(s): English(1 of 4) 2699KB, English(2 of 4) 3021KB, English(3 of 4) 4040KB, English(4 of 4) 6710KB		

7.

English: NM0135P.BIO

Download

Ver:0135

Date:8/22/2006

Size:1361 (KB)

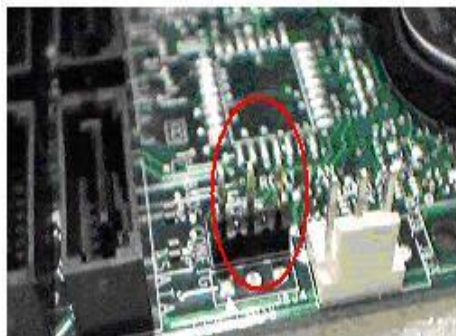
Time @56Kbps:3.15 min

OS: OS Independent, Windows® 2000, Windows® XP Home Edition, Windows® XP Media Center Edition, Windows® XP Professional, Windows® XP Professional x64 Edition

8.

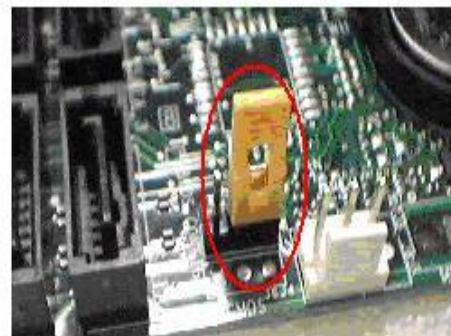
9. Place CD/Floppy/USB into targeted system.

10. Remove BIOS jumper & Switch on the system



11.

Jumper Removed – Recovery Mode



Jumper Replaced – Normal Mode

12. Wait for 2-5 minutes for update to complete. During this time floppy/CD/USB drive LED will lit that means it is copying required code into the FLASH drive
13. System will turn off or it will prompt you to turn it off
14. Before turn it on replace the jumper to normal mode and restart the system

```
Current revision:      NM94510J.86A.0129.2006.0608.0128
Updating to revision:  NM94510J.86A.0135.2006.0817.1032
```

```
Preparing image for recovery firmware ... [done]
Preparing image for main firmware ... [done]
Preparing image for logos ... [done]
Preparing image for maagent ... [done]
Flashing image for recovery firmware ... [done]
Flashing image for main firmware ... [done]
Flashing image for logos ... [done]
Flashing image for maagent ... [done]
Flashing processor updates ... [done]
Updating firmware ID ... [done]
```

Flash update has completed successfully.

Recovery complete.
Restart the computer for changes to take effect.
If the recovery jumper was used to force recovery, then
turn off the computer and reinstall the jumper to normal mode.

*****End of the Document*****