

HDDEraser is a powerful tool to recover your Sandforce SSD's speed. Much like **Sanitary Erase**, which works with **Indilinx SSDs** only, it will completely erase your SSD and fully recover your drive's performance.

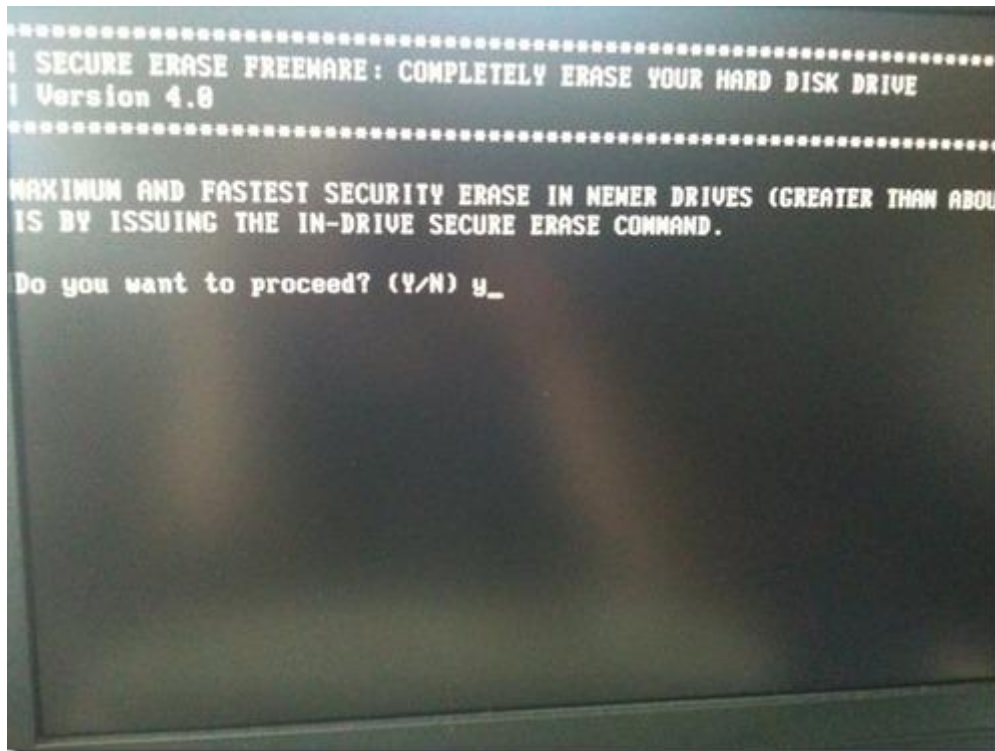
Please note: HDDEraser will completely erase your drive. All data will be lost. You will have to create a backup before using this tool.

Procedure

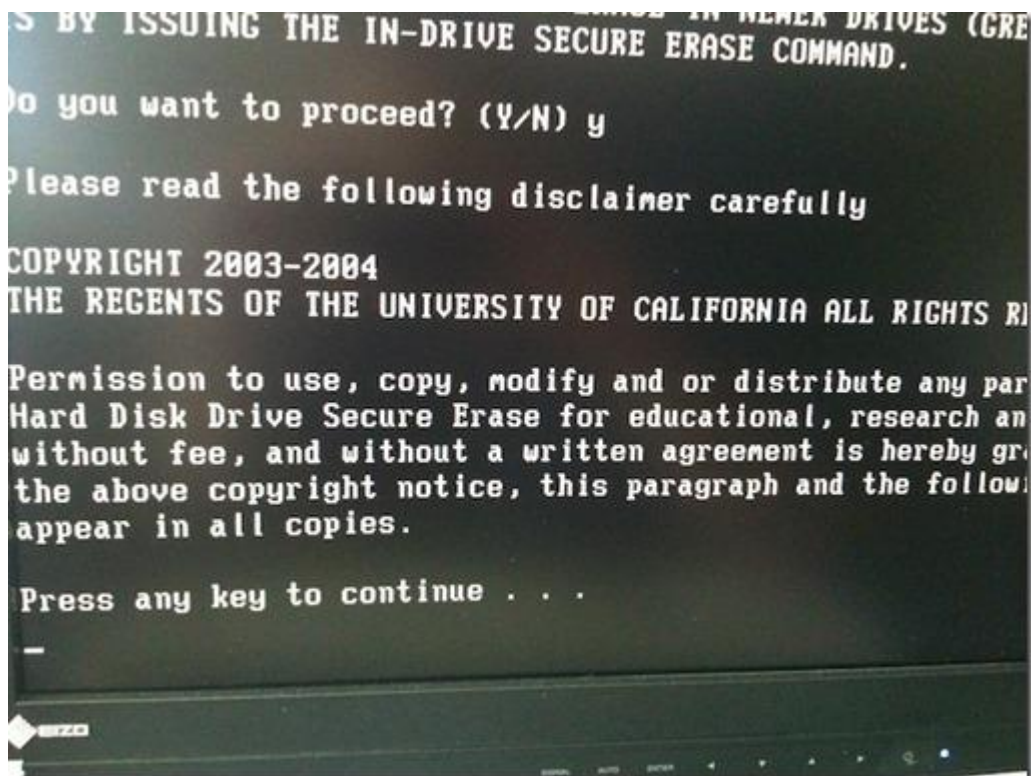
1. Download **HDDEraser** (<http://cmrr.ucsd.edu/people/Hughes/SecureErase.shtml>) and copy it on a bootable USB drive.
2. Shut down your system and [gs uninstall] all drives from your machine. Yes, that includes the SSD you'd like to erase.
3. Boot up your system again, enter the **BIOS** and change your **SATA** controller settings to **Compatible/Legacy IDE**. Also, align your boot priority to make sure you boot off the USB drive.
4. **Save & Exit**, restart your system and boot off your USB drive.
5. As soon as you see the DOS command prompt, reinstall the [gs SSD] you wish to erase.
6. Execute **HDDEraser**



7. Confirm with "Y".



8. "Press any key to continue"



9. Agree to the disclaimer with "Y".

```
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IN NO EVENT SHALL THE UNIVERSITY OF CALIFORNIA BE LIABLE FOR
DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL
DAMAGES, INCLUDING LOST PROFITS, ARISING OUT OF THE USE OF THIS HDD Secure
ERASE PROGRAM. THE UNIVERSITY OF CALIFORNIA HAS BEEN ADVISED OF THE POSSIBLE
RISKS AND THE USER HAS ACCEPTED THEM. THE UNIVERSITY OF CALIFORNIA HAS NO
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THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR
PURPOSE, OR THAT THE USE OF THE HDD SECURE ERASE WILL NOT INFRINGE ANY
PATENT, TRADEMARK, OR OTHER INTELLECTUAL PROPERTY RIGHTS.

Do you agree? (Y/N)
```

10. Also say "Y" to the warning.

```
*****
| SINCE SECURE ERASE CAN TAKE MULTIPLE HOURS IT IS ADVISED
| RUN THE COMPUTER FROM AN AC POWER OUTLET AND NOT A BATTERY
|
| SPECIFICALLY FOR LAPTOP USERS - DO NOT RUN THIS PROGRAM
| WITHOUT PLUGGING YOUR COMPUTER INTO AN AC POWER SOURCE!
|
| IF THE COMPUTER IS INTERRUPTED DURING THE SECURE ERASE, THE
| HARD DRIVE WILL BE IN A LOCKED STATE!
*****
Do you want to proceed? (Y/N) _
```

11. Choose your SSD, "S1" in my case.

```
*****
| SECURE ERASE FREEMARE: COMPLETELY ERASE YOUR HARD
| Version 4.0
*****

P0 is NONE
P1 is NONE
S0 is NONE
S1 is ATA device OCZ VERTEX-LE

PLEASE SELECT A DRIVE
  Enter S1 for secondary slave
  Enter EX to exit the program

PLEASE ENTER YOUR SELECTION: S1_
```

12. Confirm with "Y".

```
Active HDD: OCZ VERTEX-LE

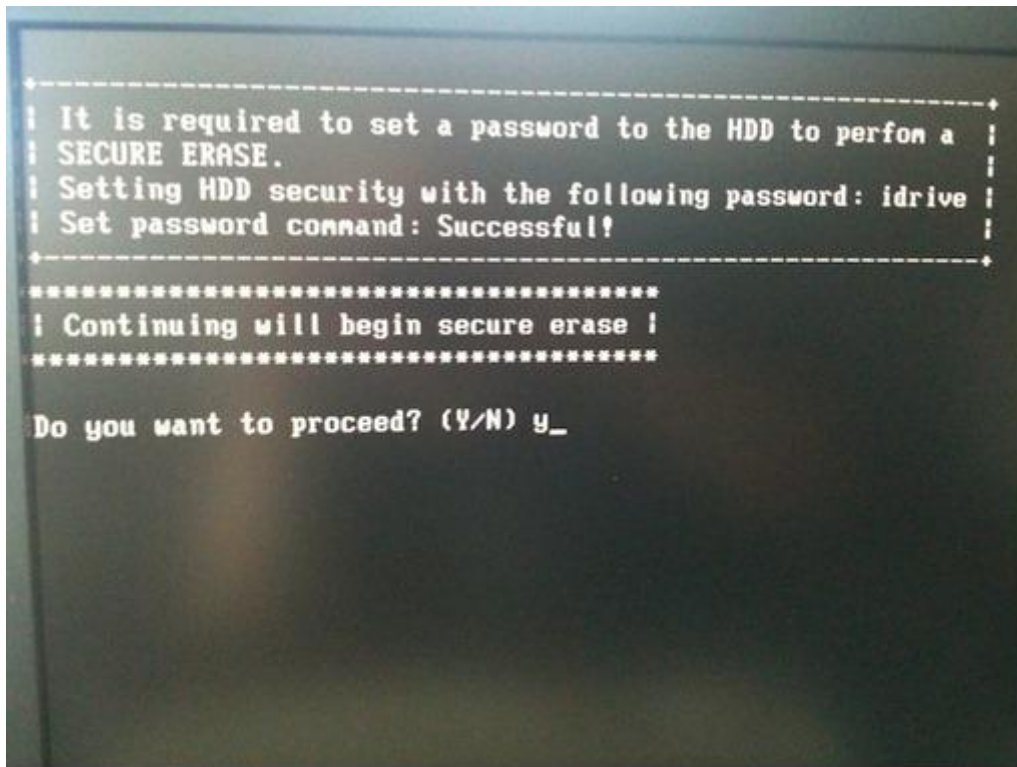
*****
| This drive supports the ATA security feature set |
*****

Do you want to procede to the options menu? (Y/N) y_
```

13. Pick "1" for secure erasing your drive. Again, please make sure you got a backup.



14. Press "Y" to start the secure erase process.



15. Press "N" here, we can skip that.

```
| Setting HDD security with the following password: idrj
| Set password command: Successful!
-----
*****
| Continuing will begin secure erase |
*****

Do you want to proceed? (Y/N) y

Security erase...
The estimated duration of this process is: 100 minutes
The secure erase started now at: Fri Jun 11 13:49:43 2010

The current time is: 13:49:43
Secure erase complete
Audit log file, se_log.log, created successfully
Audit log successfully written to LBA sector 0

Do you wish to view LBA sector 0? (Y/N): n
```

16. Done. Quit *HDDerase* by pressing "E".

```
Security erase...
The estimated duration of this process is: 100 minutes
The secure erase started now at: Fri Jun 11 13:49:43 2010

The current time is: 13:49:43
Secure erase complete
Audit log file, se_log.log, created successfully
Audit log successfully written to LBA sector 0

Do you wish to view LBA sector 0? (Y/N): n

*****
| Active HDD: OCZ VERTEX-LE
-----
| Enter 1 for executing secure erase
| Enter C to change the active HDD
| Enter E to exit the program
*****

Please enter your selection: e_
```

17. Reboot. Enter your **BIOS** and set your **SATA** controller back to where it was. You can now reinstall your other drives and put everything back to normal. Your SSD should now be just as fast as it was when you got it from **OCZ Technology**.

