



 **DEBUGSCOPE**
MIZOUE PROJECT JAPAN with RORZE

DEBUGSCOPE Manual Postscript

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Introduction

There have been some additions to the manual of DEBUGSCOPE. Please read this manual carefully in conjunction with the DEBUGSCOPE manual before use.

1. Precautions in use

Power Plan Setting on your PC

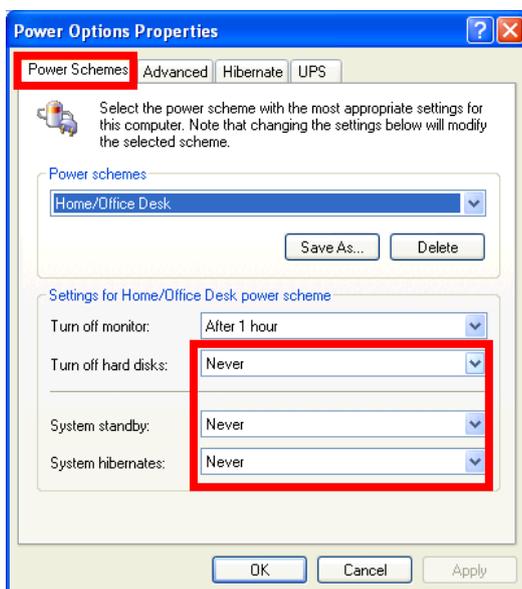
If the shift in the power-saving state, such as sleep-, standby- or pause-state, occurs while executing the data logging function etc., this product's software terminates abnormally and the file under record may be damaged. The damaged file cannot be read by the data analysis software of this product.

For this reason, it is necessary to prevent the shift to the power-saving state during data logging.

Please select the most suitable setting shown below according to the operating system you are using on your computer.

Windows XP

Click [start] - [Control Panel] - [Performance and Maintenance] - [Power Options].



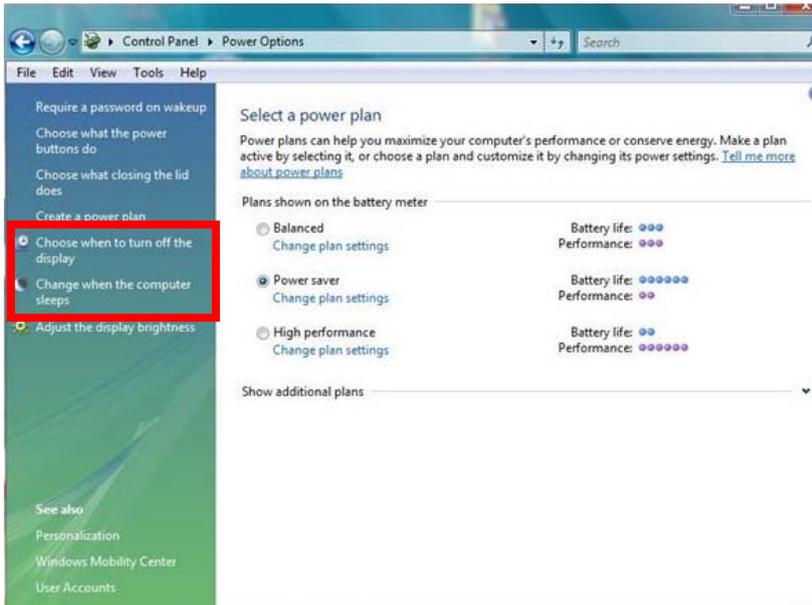
Click [Power Schemes] tab and set [Turn off hard disks], [System standby] and [System hibernates] to "Never".

Power Plan Setting on your PC

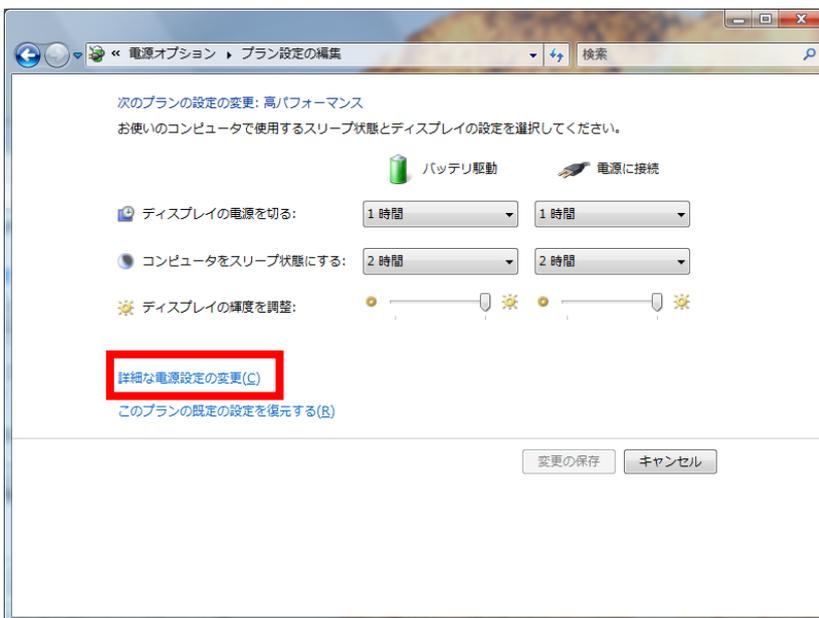
Windows Vista

Click [start] - [Control Panel] - [Hardware and Sound] - [Power Options].

The following describes the case where power supply plan setting is set to "High performance".

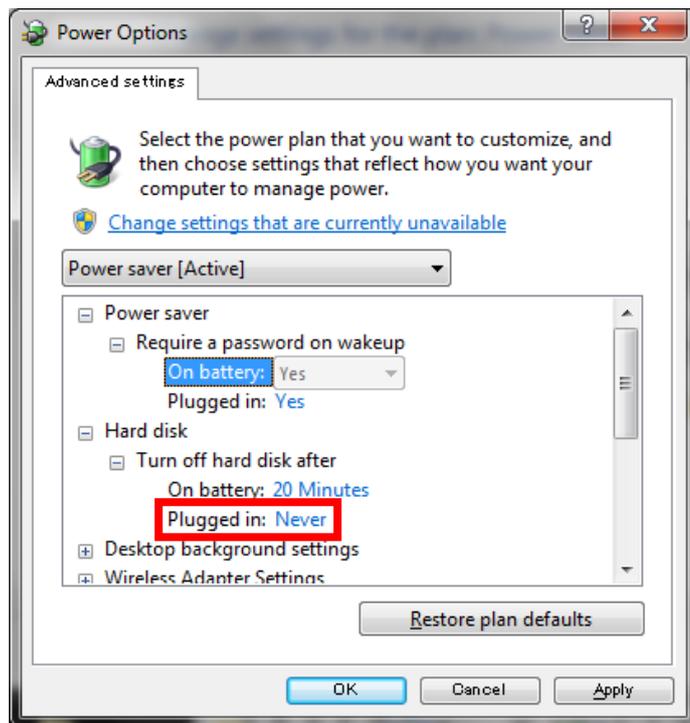


Click [Choose when to turn off the display] or [Change when the computer sleeps].



When click [Change advanced power settings], [Power Options] window will open.

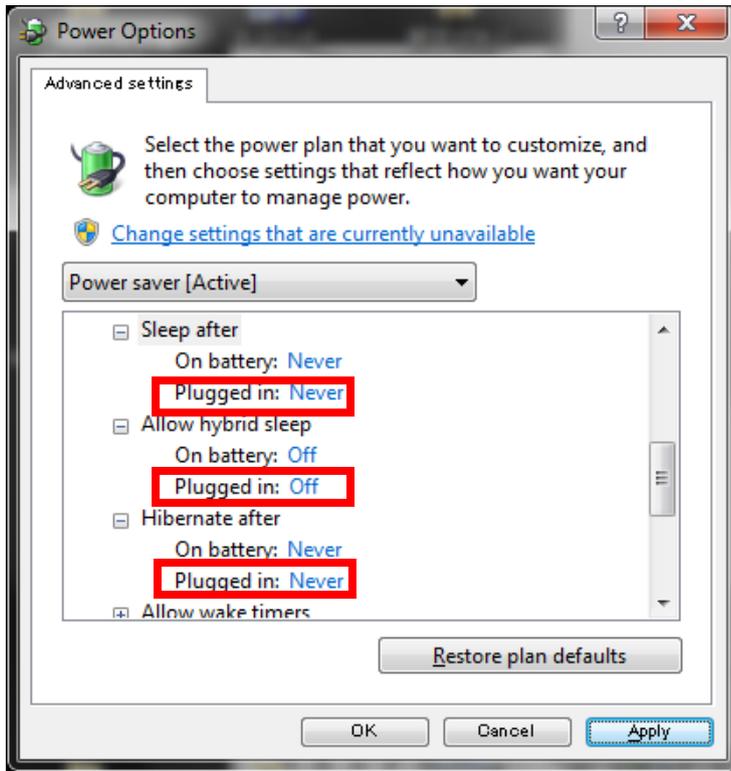
Power Plan Setting on your PC



Click [Hard disk] - [Turn off hard disk after] and set [Plugged in] to "Never".

*If "0 minute" is set, the display shows " Never ".

Power Plan Setting on your PC



Next, set the sleep time.

① Sleep time setting

Click [Sleep] - [Sleep after] and set [Plugged in] to "Never".

*If "0 minute" is set, the display shows " Never ".

② Hybrid sleep setting

Click [Sleep] - [Allow hybrid sleep] and set [Plugged in] to "Off".

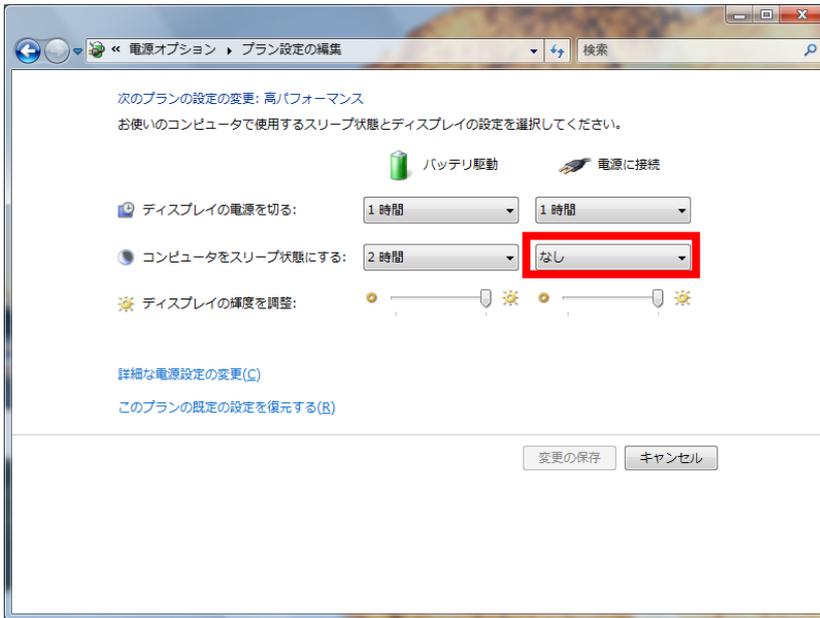
③ Hibernate setting

Click [Sleep] - [Hibernate after] and set [Plugged in] to "Never".

*If "0 minute" is set, the display shows " Never ".

When all settings are finished, click [OK]. The [Power Options] window will be closed.

Power Plan Setting on your PC

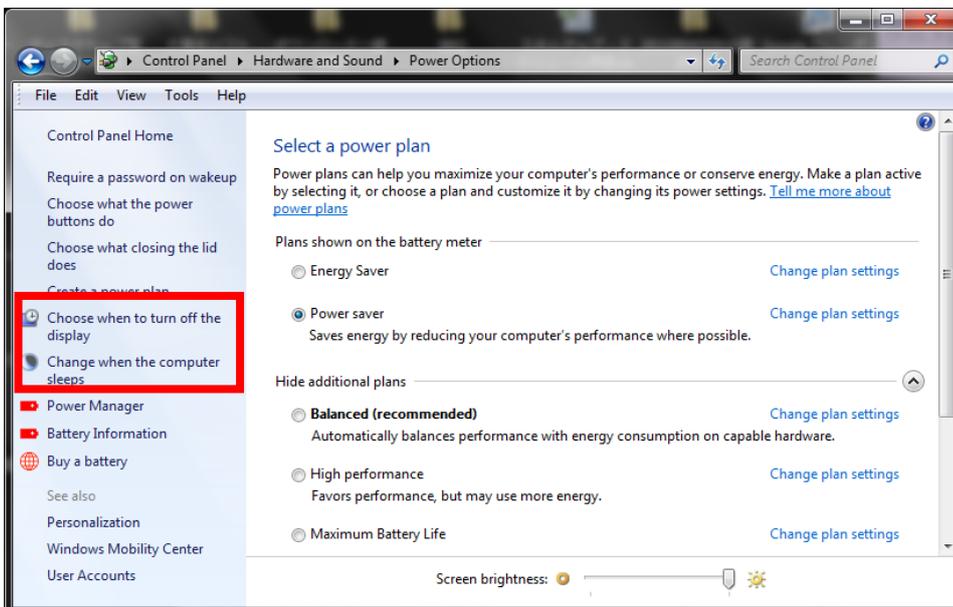


Finally, when [F5] key is pushed, time changes to "Never"

Windows 7

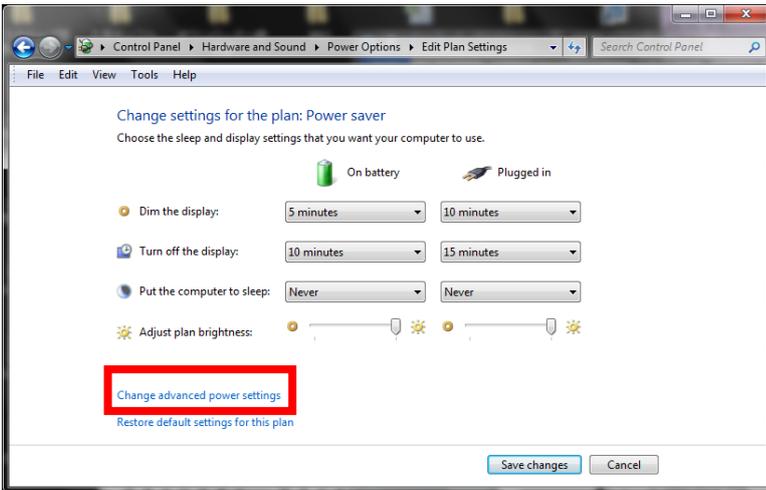
Click [start] - [Control Panel] - [Hardware and Sound] - [Power Options].

The following describes the case where power supply plan setting is set to "High performance".

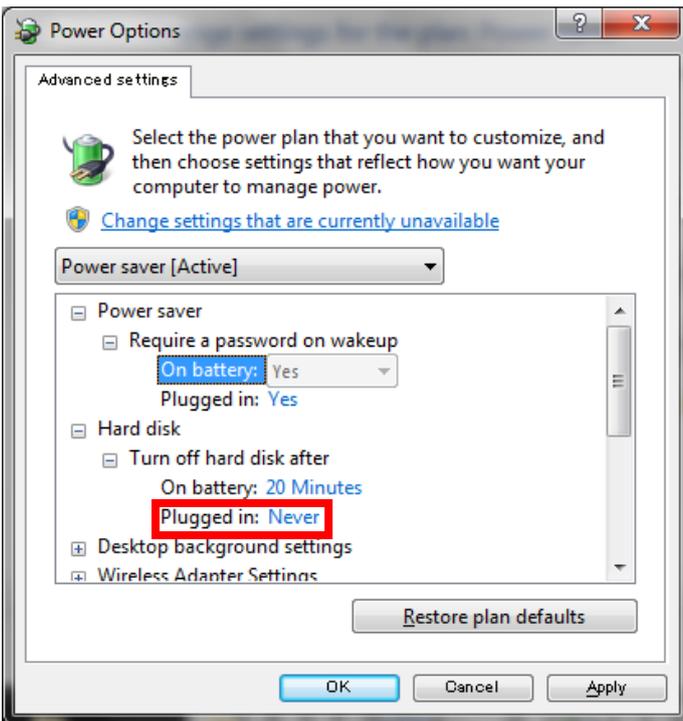


Click [Choose when to turn off the display] or [Change when the computer sleeps].

Power Plan Setting on your PC



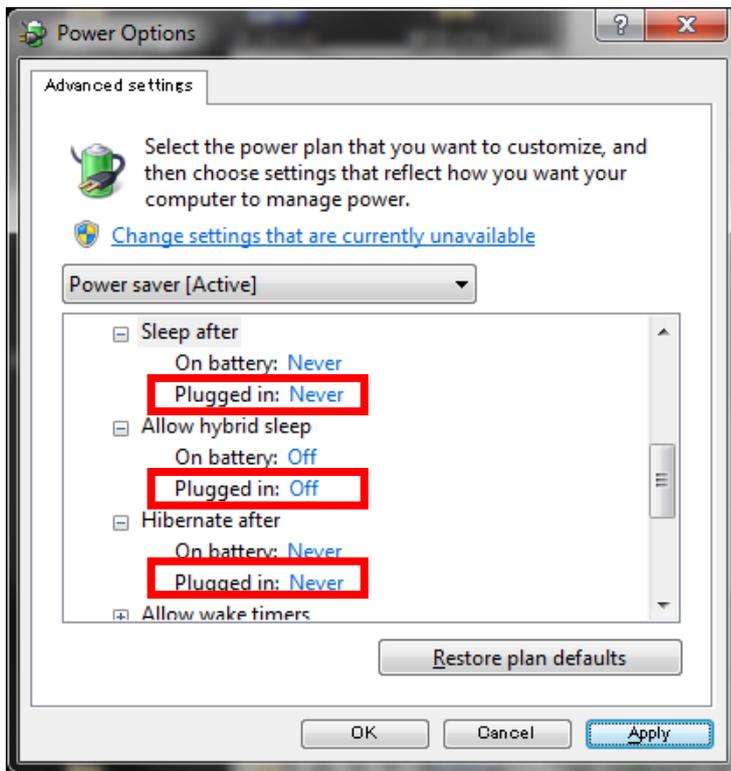
When click [Change advanced power settings], [Power Options] window will open.



Click [Hard disk] - [Turn off hard disk after] and set [Plugged in] to "Never".

*If "0 minute" is set, the display shows " Never ".

Power Plan Setting on your PC



Next, set the sleep time.

① Sleep time setting

Click [Sleep] - [Sleep after] and set [Plugged in] to "Never".

*If "0 minute" is set, the display shows "Never".

② Hybrid sleep setting

Click [Sleep] - [Allow hybrid sleep] and set [Plugged in] to "Off".

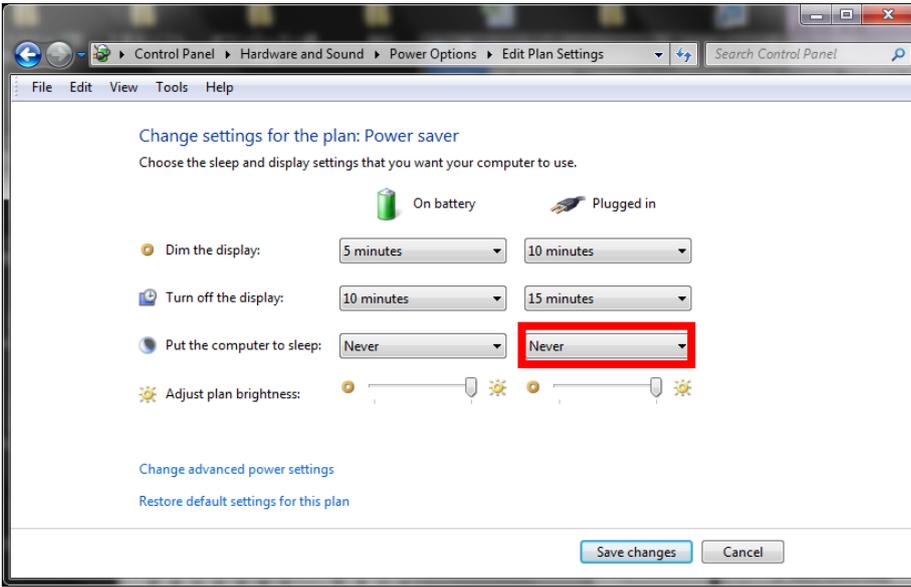
③ Hibernate setting

Click [Sleep] - [Hibernate after] and set [Plugged in] to "Never".

*If "0 minute" is set, the display shows " Never ".

When all settings are finished, click [OK]. [Power Options] window will be closed.

Power Plan Setting on your PC



Finally, when [F5] key is pushed, time changes to "Never".

Cautions on using Note PC

When using Note PC, be sure to connect your PC to the main power supply.

If the shift in the power-saving state occurs due to a dead battery or a decrease in the battery residual quantity during data logging, the data logging terminates abnormally and the file under record may be damaged. The damaged file cannot be read by the data analysis software of this product.

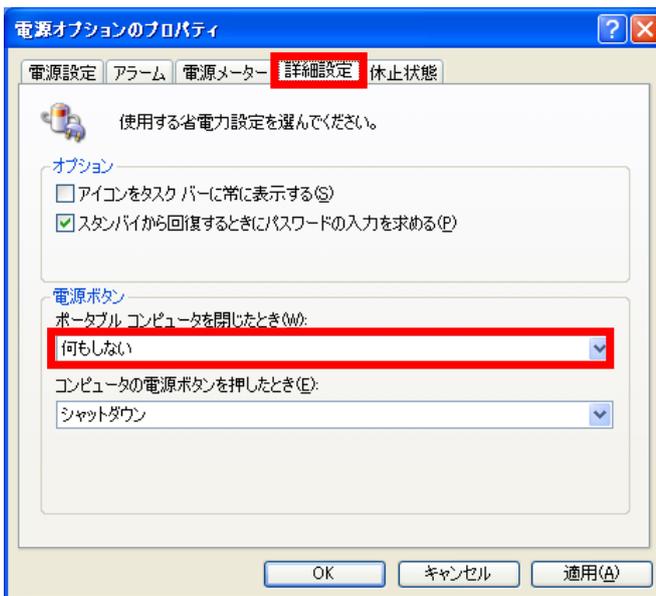
Operation Setting when closing the lid of Note PC

In order to use a data logging function etc., with the PC lid closed, it needs to be set beforehand so that the shift in the power-saving state may not occur when the lid is closed.

Please select the most suitable setting shown below according to the operating system you are using on your computer.

Windows XP

Click [start] - [Control Panel] - [Performance and Maintenance] - [Power Options].

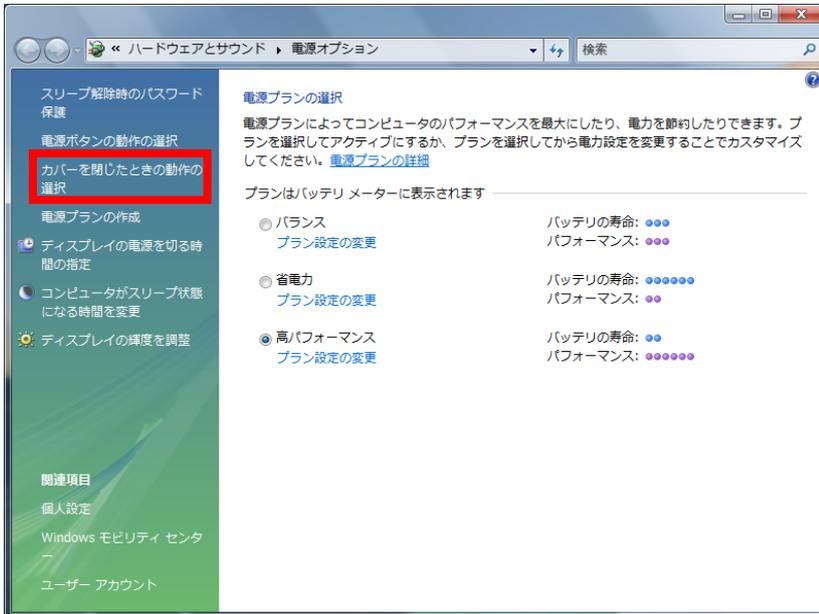


Click [Advanced] tab and set [Power buttons] – [When I close the lid on my portable computer] to "Do nothing".

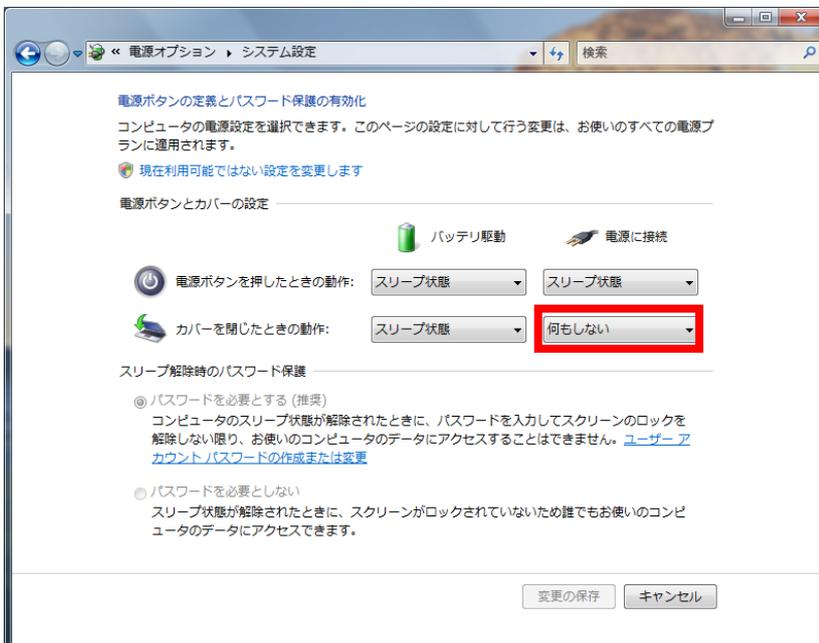
Operation Setting when closing the lid of Note PC

Windows Vista

Click [start] - [Control Panel] - [Hardware and Sound] - [Power Options].



Click [Choose what closing the lid does].

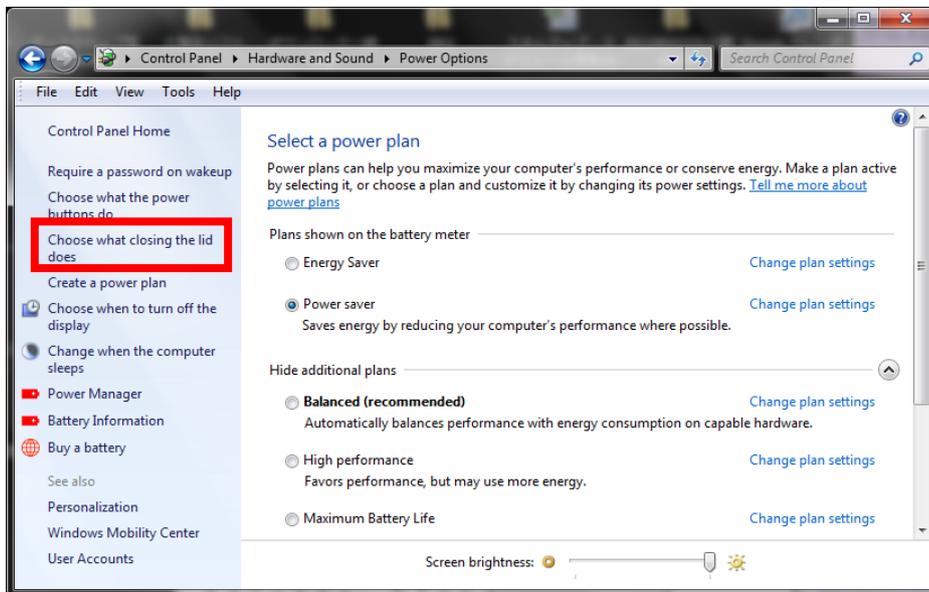


Set [When I close the lid] to "Do nothing".

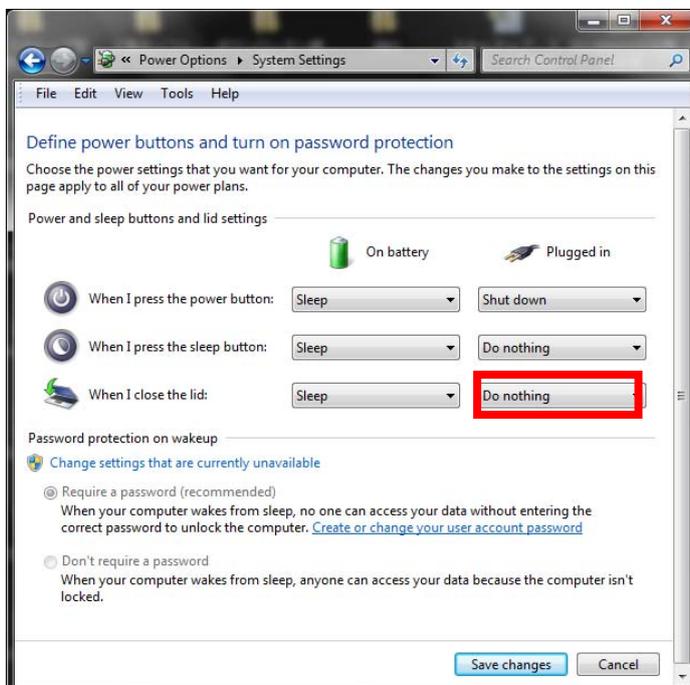
Operation Setting when closing the lid of Note PC

Windows 7

Click [start] - [Control Panel] - [Hardware and Sound] - [Power Options].



Click [Choose what closing the lid does].



Set [When I close the lid] to "Do nothing".

2. PC Recommended Setting at High-speed Data Logging

When PC used corresponds to the following conditions, a high-speed data logging may be unable to function normally.

*High-speed data logging means the data logging in 10KSa/s or more (sampling interval 100us or less).

- High-speed data logging in the condition where the frequency that the programs other than this product software access to the hard disk is increasing, such as after start of PC or under execution of the automatic update, etc.
 - ⇒ Writing to the hard disk might be temporarily delayed, and some data might be lost.
- High-speed data logging in the condition where the software starts to execute process that occupies CPU or something like that.
 - ⇒ Some data might be lost if the interval of reception of measurement data is widened.

The following table shows recommendations to use a high-speed data logging in stable condition.

If the data logging is often unable to function in your PC, refer to the following recommendations.

Recommendations	Recommended reason
Data Logger function is not executed immediately after starting the PC.	In the condition where the access to the hard disk is increasing, some data might be lost.
Uninstall software with the license expiration date.	If the software that checks expiration date occupies CPU and the interval of reception of measurement data is widened, some data might be lost.
Uninstall the software which updates the database.	If the software, such as Maintenance Software or Anti-Virus Software, which updates the database occupies CPU, some data might be lost. Also, if the access to the hard disk is increasing in order to update the database, some data might be lost.
Specify the destination of data to the logical drive in which OS is not installed.	When priority is given to processing of OS in data logging, writing to the hard disk might be delayed, and some data might be lost.
High-speed data logger is not used in Netbook PC.	According to specs of your PC, writing to the hard disk might be delayed and some data might be lost.

* The above-mentioned recommendations do not guarantee the success of data logging.

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