

Express5800/R320c-E4, R320c-M4 Express5800/R320d-E4, R320d-M4 Express5800/R310c-E4, R310d-E4

Notes on Using Internal Optical Disc Drives and USB Devices

Thank you for purchasing our product. Before using this server, please read the notes below. In addition, keep this document in a safe place so you can refer to it when necessary.

Points must be noted on certain operations if using this server with Windows Server 2008 R2 or Windows Server 2012. Follow the instructions below during use.

1. Do not leave a DVD or CD in the internal optical drive.

If using the internal optical disc drive, promptly remove the disc after use.

Optical discs such as DVDs and CDs are accessed using the optical disc drive connected to a USB port, but, if a CPU/IO module is failed over (disconnected) while such media is connected, it might become impossible to reconnect the CPU/IO module.

If this problem occurs, there are no effects on job application operations, but the OS has to be restarted to restore the redundancy of the CPU/IO module.

To avoid this problem, **promptly remove any DVD or CD after using it.**

If you do not intend to use the optical disc drive for this server, it is recommended to disable the drive. This can be done by performing either operation below.

Disabling the drive using the Device Manager

Log on as a *user with administrator permissions*, and then open the **Device Manager**. Next, right click the device under **DVD/CD-ROM drives**, and then select **Disable**.



Disabling the drive using a command

Log on as a *user with administrator permissions*, and then:

- (1) Open `C:\Program Files\NEC\HAS_SW\SUPPORT\Disable_DVD_drive.bat` in the explorer.
- (2) Right click `Disable_DVD_drive.bat`, and then select **Run as administrator**.
- (3) Press **Enter** when the following is displayed at the command prompt:

```
C:\Users\Administrator>C:\Program Files\NEC\HAS_SW\SUPPORT\Disable_DVD_drive.bat
USBSTOR\CDROM&VEN_ character string that depends on the device configuration &0: Disabled
1 device(s) disabled.
DVD disable command was executed.
Press any key to continue. . .
```

If either operation as described previously is performed, the optical disc drive is no longer displayed in the explorer.

To make the optical disc drive usable again, perform either operation below.

Enabling the drive using the Device Manager

Log on as a *user with administrator permissions*, and then open the **Device Manager**. Next, right click the device under **DVD/CD-ROM drives**, and then select **Enable**.



Enabling the drive using a command

Log on as a *user with administrator permissions*, and then:

- (1) Open `C:\Program Files\NEC\HAS_SW\SUPPORT\Enable_DVD_drive.bat` in the explorer.
- (2) Right click `Enable_DVD_drive.bat`, and then select **Run as administrator**.
- (3) Press **Enter** when the following is displayed at the command prompt:

```
C:\Users\Administrator>C:\Program Files\NEC\HAS_SW\SUPPORT\Enable_DVD_drive.bat
USBSTOR\CDROM&VEN_ character string that depends on the device configuration &0: Enabled
1 device(s) enabled.
DVD enable command was executed.
Press any key to continue. . .
```

If either operation above is performed, the optical disc drive is displayed in the explorer.

In the above case as well, promptly remove a DVD or CD after using it.

Also, the followings are prohibited when using internal optical disk drive.

- **Leaving the software on a DVD or CD running.**
- **Leaving files on a DVD or CD open in the explorer.**

2. Do not connect a prohibited USB device.

The only devices that are to be connected to the USB ports of this server are the keyboard, floppy disk drives, flash FDDs, and server switch units (KVM switches) specified by NEC, and modems recommended for maintenance. Do not connect any other devices to the USB ports.

(Connect the USB mouse to the USB port of the keyboard specified by NEC.)

If a device such as USB flash memory or a USB hard disk is connected to a USB port, or a PS2 keyboard or mouse is connected by way of a KVM switch or similar device, not only might a problem related to system redundancy occur, but there might be serious effects on the OS, including fatal errors.

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使用内置光盘驱动器以及 USB 设备的 注意事项

感谢您购买我们的产品。请在使用服务器前阅读以下注意事项。
并且请妥善保存本文档以便需要时随时参阅。

如果您在服务器上使用 Windows Server 2008 R2 或 Windows Server 2012，
那么请在进行某些操作时务必注意以下两点。请在使用时按照指示进行操作。

1. 请勿将DVD或者CD光盘遗留在内置光驱中。

如果使用了内置光驱，请在使用完毕后及时将光盘取出。

当使用连接到 USB 端口的光盘驱动器时，其中的 DVD 或者 CD 光盘就会被读取；但如果这时 CPU/IO 模块发生失效切换（连接被切断），这时就会连接上述介质，这就可能导致无法再次连接 CPU/IO 模块。

发生此类问题后，对作业应用的运行虽无影响，但 OS 不得不重启以复原 CPU/IO 模块的冗余。

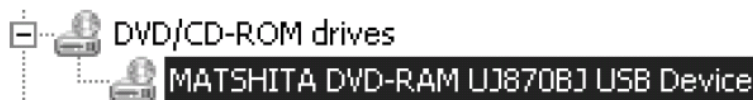
为避免此类问题发生，*请在使用后及时取出 DVD 或者 CD 光盘。*

如果您不打算使用服务器的光盘驱动器，建议您将驱动器设置为不可用。

以下两种方法均可使用。

使用磁盘管理程序将驱动器设置为不可用

以具有管理员权限的用户身份登录并打开设备管理程序。然后右键单击 **DVD/CD-ROM drives** 下的设备，然后选择 **Disable**。



使用命令将驱动器设置为不可用

以具有管理员权限的用户身份登录并：

- (1) 在浏览器中打开 **C:\Program Files\NEC\HAS_SW\SUPPORT**。
- (2) 右键单击 **Disable_DVD_drive.bat**，然后选择 **Run as administrator**。
- (3) 当命令提示符后显示以下消息后，按 **Enter**。

```
C:\Users\Administrator>C:\Program Files\NEC\HAS_SW\SUPPORT\Disable_DVD_drive.bat
USBSTOR\CDROM&VEN_ character string that depends on the device configuration &0: Disabled
1 device(s) disabled.
DVD disable command was executed.
Press any key to continue. . .
```

如果执行了上述两种操作中的任何一种，光驱将不再显示在浏览器上。

如果希望光盘驱动器能够再次使用，请执行下述操作中的任何一种。

使用磁盘管理程序将驱动器设置为可用

以具有管理员权限的用户身份登录并打开设备管理程序。然后右键单击 **DVD/CD-ROM drives** 下的设备，然后选择 **Enable**。



使用命令将驱动器设置为可用

以具有管理员权限的用户身份登录并：

- (1) 在浏览器中打开 **C:\Program Files\NEC\HAS_SW\SUPPORT**。
- (2) 右键单击 **Enable_DVD_drive.bat**，然后选择 **Run as administrator**。
- (3) 当命令提示符后显示以下消息后，按 **Enter**。

```
C:\Users\Administrator>C:\Program Files\NEC\HAS_SW\SUPPORT\Enable_DVD_drive.bat
USBSTOR\CDROM&VEN_ character string that depends on the device configuration &0: Enabled
1 device(s) enabled.
DVD enable command was executed.
Press any key to continue. . .
```

无论执行上述哪种方法，浏览器中都将再次显示光盘驱动器。

同时在上述情况下，用后也请及时取出 DVD 或者 CD。

并且，当您使用内置光驱时，禁止进行以下操作。

- 将软件置于 **DVD 或 CD** 中处于运行状态
- 在浏览器中将 **DVD 和 CD** 中的文件置于打开状态

2. 请勿连接禁用的USB设备。

本服务器仅允许连接的 USB 设备有 NEC 指定的键盘、软盘驱动器、flash FDD 以及服务器交换单元(KVM 交换机) 以及维护所建议使用的调制解调器。请勿将其他任何设备连接到 USB 端口。

(请将 USB 鼠标连接到 NEC 指定的键盘的 USB 端口。)

如果 USB 闪存或者 USB 硬盘连接到 USB 端口，或者 PS2 键盘或者鼠标通过 KVM 交换机或类似设备连接到 USB 端口，可能不仅会发生系统冗余方面的故障，还有可能对 OS 造成包括致命错误在内的严重影响。



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