This User's Guide has been written mainly with the information specific to this computer, assuming that the user is able to perform basic Windows operation and understands how to use help in its installed applications to resolve problems. In this user's manual, unless specified, "Windows 7" refers to Windows® 7 Professional 32 bit with Service Pack 1 (SP1) installed. Configuration and application installation should be conducted by a user who has administrator privileges. If a [User Account Control] screen comes up, please be sure to confirm the contents before continuing.

The information contained within this manual applies to the following models:

- VB Model: VC26M/BC-F, VG26M/BC-F

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Note: The illustrations, screenshots, icons, and on-screen text shown in this document may differ from the ones you actually encounter.
1 Checking Included Accessories

Checking that all included accessories are present

Please open up the box and check that all included items and accessories are there. If any items happen to be missing or damaged, please immediately contact the place of purchase.

1. Check contents of the box.

- 保修书 *1
- 修理サービス保証規定書 *3
- 安全使用说明 *1
- Instructions For Safe Use *2
- 安全にお使いいただくために *3
- NEC软件的使用条件 【即EULA】(对顾客的特别提示)（请务必先详细阅读如下内容后，决定是否打开本个人电脑的包装）*1
- Terms and Conditions for using software (For Customer) (Please read this before opening the package) *2
- ソフトウェアのご使用条件（お客様へのお願い） *3
- Base unit
- AC adapter
- User's Guide
- Power cord
- Application Disc
- Recovery Disc *2 *3

*1 : Included with model VC26M/BC-F
*2 : Included with model VG26M/BC-F
*3 : Included with model VG26M/BC-F (Japanese version)

Note The battery pack is installed in the computer. When removing or installing the battery pack, please refer to "Battery" (p.8).

2. Confirm that the model number and serial number on the base unit matches the model number and serial number written on the warranty.

If they happen to differ, please contact the place of purchase immediately. Please also keep your written warranty in a safe place for future reference.

If your encounter a breakdown during the warranty period, we shall provide repairs based on the conditions specified in the warranty. For repairs after the warranty period has expired, please consult the place of purchase or one of our specified customer service locations. If it is deemed possible to regain functionality, we are able to perform paid repairs at the customer’s request.

2 Connecting Included Accessories

Important points when connecting

- Do not touch connector terminals when connecting any items.
- Failure to do so may cause damage.
- Connect the LAN cable, only after completing Windows setup and firewall configuration. Or, turn on the wireless LAN.
- This ensures that your computer can be safely connected to a network.

Connecting power sources

Connect the AC adapter.

Check:

- After purchase, be sure to fully charge the battery before use.
- Do not remove the AC adapter before Windows setup has completed.

1 Insert the AC adapter into the power input jack ( ).

2 Connect the power cord to the AC adapter.

3 Insert the other end of the power cord into a wall outlet.

When the AC adapter is connected, the battery will start to recharge and the battery recharge indicator ( ) will turn orange. Once the battery is fully charged, the battery recharge indicator ( ) will turn off. Depending on the battery charging conditions, there are some cases where the battery recharge indicator ( ) does not illuminate. This happens when the battery has been charged to at least 95% capacity.
3 Windows Setup

When you first power up your new computer, it is necessary to perform Windows setup.

**Important points during setup**

- **Always follow the procedure written in the manual.**
  Setup may not be able to be successfully completed if you omit any steps, press any keys other than the ones indicated on the screen, or operate any switches.

- **Do not connect any external peripherals.**
  Never connect any peripherals (printers, memory, etc.) other than the items outlined in "Connecting Included Accessories" (p.2). Please connect or install such peripherals after "Windows Setup" had been completed.

- **Do not connect a LAN cable and make sure that the wireless LAN is turned off.**
  To ensure safe network connection, only connect a LAN cable or turn on the wireless LAN after Windows setup and firewall configuration has been completed. In the factory default settings, the wireless LAN function is turned on and only 2.4 GHz is available. When using 5 GHz, please refer to "Configuring the wireless LAN" (p.13) for configuration changes.

- **Do not turn off the power during setup.**
  The setup program is running normally even if the screen appears to stop. Please keep following the steps in the manual.

- **Do not leave the computer alone during setup.**
  Do not leave the computer unattended until Windows setup has completed including passing all the screens which require your key operations, and power OFF.

**Preparation for setup**

During Windows setup, you are required to enter the name of the person who will be using the computer (user name), as well as the computer name. Please choose these names in advance.

**Check:**

For the user name and computer name, use single-byte alphanumeric characters only (20 or less).

If the following symbols or if certain strings are used for any part of the user name or computer name, Windows setup may not be completed and some applications may not run correctly.

- Double-byte characters, single-byte Kana characters, non-standard characters, all symbols, spaces
- Restricted strings CON, PRN, AUX, CLOCKS, NUL, COM1-COM9, LPT1-LPT9, NONE

**Turning on the power**

- **Check:**
  If the AC adapter is not properly connected, the power is not turned on by pressing the power switch when you first turn the power on. Check that the AC adapter is connected again.

1. Open the computer lid.

- **Check:**
  Please securely support the keyboard side when opening and closing the LCD display. In order to prevent excess force from being directly applied to the LCD screen, please handle the screen around the border area.

2. Press the power switch ( ).

- **Check:**
  Never turn off the power during Windows setup. Turning off the power switch or pulling out the power cord in the middle of this process may lead to damage. If there is a problem or you accidentally press the power switch, please see "If you encounter problems during setup" (p.4).

**Setup Procedure**

Start Windows 7 setup.

- **Check:**
  - It will take some time for the [Windows 7 Professional] screen to appear. Please wait for a while.
  - During setup, some parts of the screen may turn black. However, this does not necessarily mean that there is a problem.
  - Please contact your system administrator for the appropriate settings in steps 1 to 3, 6 and 7.

1. Once the [Windows 7 Professional] screen appears, set [Country or region], [Time and currency] and [Keyboard layout], and then click [Next].

2. Enter your user name and computer name when prompted and click [Next] to continue.

- **Check:**
  Setup cannot progress to the next step unless you enter a valid user name and computer name.
Enter a user account password when prompted and click [Next] to continue.

Please check the contents when the [Please read the license terms] page is displayed.

After checking the contents, check [I accept the license terms] and click [Next] to continue.

If you do not accept the license terms, setup cannot continue.

When the [Help protect your computer and improve Windows automatically] page is displayed, please select either [Use recommended settings], [Install important updates only], or [Ask me later].

When the [Review your time and date settings] message appears, set [Time zone], [Date], and [Time], and then click [Next].

When the screen to set up the connection to a wireless network is displayed, click [Skip].

When the [Shut down your computer] dialog is displayed, click [OK].

Click [Start].

Click [Shut down]. The computer power will then turn off.

The setup screen is not displayed

When [Press F2 to Enter BIOS Setup] is displayed on the screen when you turn the power on, please carry out the following procedure.

1. Press the <F2> key.
   The BIOS setup utility will then be displayed.

2. Use the number keys to enter the current hour (24 hour time format) and then press <Enter>.

3. Use the <Tab>, <↓>, and <↑> keys to move to desired position and in the same manner, set the rest of the time and date in the order of minutes, seconds, month, day, and year.

4. Press the <F9> key.
   The setup confirmation screen should come up.

5. Select [Yes] and then press <Enter>.
   The BIOS setup utility will then be displayed.

6. Press the <F10> key.
   The setup confirmation screen should come up.

7. Select [Yes] and then press <Enter>.
   The BIOS setup utility should now be finished and Windows will automatically restart.

After this, please see “Setup Procedure” (p.3) and continue on with the process.

If you accidentally turn off the power during setup

The setup process will not be successfully completed and Windows system files or the registry may be corrupted.
In this case, either perform Windows recovery or consult your place of purchase.

The computer is unresponsive or shows an error message during setup

Make a note of the error message and hold down the power switch for at least four seconds to perform a forced shutdown.
Please wait for at least five seconds before turning the power switch back on. After that, please see the above “If you accidentally turn off the power during setup”.

Other than the above, if you encounter problems during setup, please see the “Troubleshooting” section.
Using and configuring your computer after setup is complete

Creating multiple hard disk partitions

As a default setting, the first internal hard disk has only one useable partition (volume), designated as the C: drive. However, it is possible to divide the C: drive into multiple partitions. Please refer to the following steps if you would like to change the factory default settings and reduce the size of the C: drive in order to create a new partition from the resulting unassigned space.

1. Click [Start] and then open [Control Panel].
2. Click [System and Security] and then [Administrative Tools].
3. Double click [Computer Management].
4. On the tree displayed on the left side of the window, click [Storage] → [Disk Management].
5. Select the volume marked as (C:) and right click it.
6. Click [Shrink Volume].
7. Enter the desired size into the [Enter the amount of space to shrink in MB:] box. The size entered here will become the maximum size of the newly created partition.
8. Click [Shrink].
9. After shrinking is complete, select the unassigned space that has been reserved, and right click it.
10. Click [New Simple Volume].
11. Click [Next].
12. Enter the desired volume size into the [Simple volume size in MB:] box and click [Next].
13. Confirm that [Assign the following drive letter:] is selected and click [Next].
14. Confirm that [Format this volume with the following settings:] is selected and click [Next].
15. Click [Finish].

Note
- It is possible to change the drive letter if necessary.
- Depending on the system environment, there may be some cases where [Shrink Volume] is not possible. For more information about [Shrink Volume], please refer to [Shrink a Basic Volume] in the [Computer Management] help file.


Creating a system repair disc

We recommend creating a system repair disc for times when problems such as corrupted files cause Windows to not load correctly, even after running in safe mode or the last known good configuration. For more information about creating and using a system repair disc, please refer to Windows help.

Windows® Update and Microsoft® Update

The latest updates and important updates are available through Windows® Update or Microsoft® Update. Please run Windows® Update or Microsoft® Update regularly to ensure you always have the latest version of Windows installed.

Check:
- Your computer has been delivered with all current updates already installed. Please do not attempt to uninstall these updates as it may cause issues that have already been resolved to reappear.

Windows Service Pack

*Windows® 7 Service Pack 1 (SP1)* is pre-installed on this computer. It is not possible to uninstall *Windows® 7 Service Pack 1 (SP1)*.

■ Do not select [Mark Partition as Active] for the newly created partition.
■ It is not possible to shrink the [Recovery Partition].
## Knowing the Parts

### Names and descriptions of your computer's major components

#### The front and right sides

<table>
<thead>
<tr>
<th>Number</th>
<th>Name</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1)</td>
<td>LCD display</td>
<td>This is the computer's display.</td>
</tr>
<tr>
<td>(2)</td>
<td>Status LEDs</td>
<td>These indicate various states of the computer.</td>
</tr>
<tr>
<td>(3)</td>
<td>Power switch (провідник)</td>
<td>This is used to turn the computer on/off or change the power state.</td>
</tr>
<tr>
<td>(4)</td>
<td>Keyboard</td>
<td>Used to input characters and to control programs.</td>
</tr>
<tr>
<td>(5)</td>
<td>The NX Pad</td>
<td>Used for moving the mouse cursor and clicking objects in Windows.</td>
</tr>
<tr>
<td>(6)</td>
<td>Speaker</td>
<td>This is the built-in monaural speaker.</td>
</tr>
<tr>
<td>(7)</td>
<td>Microphone input jack (провідник)</td>
<td>A regular microphone can be connected to provide audio input.</td>
</tr>
<tr>
<td>(8)</td>
<td>Line out/Headphone shared output jack (провідник)</td>
<td>Provides audio output when regular headphones or an audio system is connected.</td>
</tr>
<tr>
<td>(9)</td>
<td>Security lock (провідник)</td>
<td>A security cable can be attached to this slot.</td>
</tr>
<tr>
<td>(10)</td>
<td>USB port (провідник)</td>
<td>This port can be used to connect to USB devices. This USB port supports both USB 2.0 and USB 1.1. In order to take advantage of USB 2.0 transfer speeds, it is necessary to be connected to a USB 2.0 enabled device.</td>
</tr>
<tr>
<td>(11)</td>
<td>External display output (провідник)</td>
<td>This is used to allow viewing on externally connected displays or projectors.</td>
</tr>
<tr>
<td>(12)</td>
<td>LAN port (провідник)</td>
<td>This is used to connect to a LAN (Local Area Network).</td>
</tr>
<tr>
<td>(13)</td>
<td>PC card slot</td>
<td>This slot accepts all common PC cards.</td>
</tr>
<tr>
<td>(14)</td>
<td>PC card eject button</td>
<td>Used to remove PC cards from the slot.</td>
</tr>
<tr>
<td>(15)</td>
<td>DC power input (провідник)</td>
<td>Used to connect to the supplied AC adapter.</td>
</tr>
<tr>
<td>(16)</td>
<td>Memory slot</td>
<td>Used to install an expansion RAM board.</td>
</tr>
<tr>
<td>(17)</td>
<td>Battery eject lock (провідник)</td>
<td>This is used when you want to remove the battery pack. Please use it after releasing the battery unlock.</td>
</tr>
<tr>
<td>(18)</td>
<td>Battery unlock (провідник)</td>
<td>This locks the battery pack in place to prevent it from falling out. It must be unlocked in order to remove the battery.</td>
</tr>
<tr>
<td>(19)</td>
<td>Battery pack</td>
<td>This rechargeable battery is used when there is no access to an AC external power supply.</td>
</tr>
</tbody>
</table>
### Status LEDs

#### Power LED

<table>
<thead>
<tr>
<th>LED state</th>
<th>Computer State</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blue</td>
<td>Computer power on</td>
</tr>
<tr>
<td>Flashing</td>
<td>Sleep</td>
</tr>
</tbody>
</table>

#### Battery recharge LED

<table>
<thead>
<tr>
<th>LED state</th>
<th>Computer State</th>
</tr>
</thead>
<tbody>
<tr>
<td>Orange</td>
<td>Battery recharging</td>
</tr>
<tr>
<td>Flashing</td>
<td>Battery error*1</td>
</tr>
<tr>
<td>Off</td>
<td>The AC adapter is unplugged, or the battery is fully charged*2</td>
</tr>
</tbody>
</table>

*1 : Battery recharging error, battery life, or deterioration error.
*2 : When the battery is fully charged, or nearly fully charged, there are some cases where the LED does not turn on and the battery is no longer charged.

#### SD memory card slot access LED

<table>
<thead>
<tr>
<th>LED state</th>
<th>Computer State</th>
</tr>
</thead>
<tbody>
<tr>
<td>On (Green)</td>
<td>The card in the SD memory card slot is currently being accessed</td>
</tr>
<tr>
<td>Off</td>
<td>Not currently being accessed</td>
</tr>
</tbody>
</table>

#### Drive activity LED

<table>
<thead>
<tr>
<th>LED state</th>
<th>Computer State</th>
</tr>
</thead>
<tbody>
<tr>
<td>On (Green)</td>
<td>The hard disk or optical drive is currently accessing data</td>
</tr>
<tr>
<td>Off</td>
<td>The hard disk or optical drive is not currently accessing data</td>
</tr>
</tbody>
</table>

#### Num Lock indicator LED

<table>
<thead>
<tr>
<th>LED state</th>
<th>Computer State</th>
</tr>
</thead>
<tbody>
<tr>
<td>On (Green)</td>
<td>&lt;Num Lock&gt; is on (Part of the keyboard can be used as a numeric keypad)</td>
</tr>
<tr>
<td>Off</td>
<td>&lt;Num Lock&gt; is off</td>
</tr>
</tbody>
</table>

---

<table>
<thead>
<tr>
<th>Number</th>
<th>Name</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>(20)</td>
<td>Wireless switch</td>
<td>This switch turns wireless LAN functionality on and off.</td>
</tr>
<tr>
<td>(21)</td>
<td>Optical drive (models with optical drives only)</td>
<td>Some models have an internal DVD SuperMulti Drive. It can read data from DVD and CD media, and on some models, it can write data to DVD-R and CD-R media.</td>
</tr>
<tr>
<td>(22)</td>
<td>Air vent</td>
<td>These holes are designed to allow internal heat to escape. Avoid covering them with materials such as hands or clothes.</td>
</tr>
<tr>
<td>(23)</td>
<td>SD memory card slot</td>
<td>This slot accepts &quot;SD memory card&quot;, &quot;SDHC memory card&quot;, and &quot;SDXC memory card&quot;.</td>
</tr>
<tr>
<td>(24)</td>
<td>Fax/Modem port</td>
<td>A telephone line can be connected for data transmission, etc.</td>
</tr>
<tr>
<td>(25)</td>
<td>Internal microphone</td>
<td>This can be used for video conferencing, etc. While you are using this microphone for recording, it is not possible to play back what you are recording through speakers at the same time.</td>
</tr>
<tr>
<td>(26)</td>
<td>Webcam</td>
<td>Used for video conferencing, etc. While the webcam is in use, the indicator light on the side of the webcam is on.</td>
</tr>
<tr>
<td>(27)</td>
<td>HDMI port</td>
<td>This is used to connect to HDMI compatible wide-screen televisions or external displays that are equipped with a HDMI port.</td>
</tr>
<tr>
<td>(28)</td>
<td>USB port (supports USB 3.0, Power Off USB Power Charge function)</td>
<td>This port can be used to connect to USB devices. This USB port supports USB 3.0, USB 2.0, and USB 1.1. In order to take advantage of USB 3.0 transfer speeds, it is necessary to be connected to a USB 3.0 enabled device. This port also supports the Power Off USB Power Charge function. When charging a device connected by a USB cable, the device can still be charged even when the power of the computer is turned off. In order to use this function, it is necessary to configure settings in the [Advanced] menu of the BIOS setup utility.</td>
</tr>
<tr>
<td>(29)</td>
<td>Ambient light sensor</td>
<td>This sensor is used to detect the brightness of the surrounding area when the automatic screen brightness adjustment function is being used.</td>
</tr>
</tbody>
</table>
**Battery**

**Check**

Never touch the battery slot terminals. It may cause contact failure.

**Battery pack removal**

Please remove the battery pack according to the following illustration.

**Battery pack installation**

Please install the battery pack according to the following illustration.

### Caps lock indicator LED

<table>
<thead>
<tr>
<th>LED state</th>
<th>Computer State</th>
</tr>
</thead>
<tbody>
<tr>
<td>On (Green)</td>
<td>&lt;Caps Lock&gt; is on</td>
</tr>
<tr>
<td></td>
<td>(All letters are entered as capital letters)</td>
</tr>
<tr>
<td>Off</td>
<td>&lt;Caps Lock&gt; is off</td>
</tr>
<tr>
<td></td>
<td>(All text input is lowercase letters)</td>
</tr>
</tbody>
</table>

### Scroll Lock indicator LED

<table>
<thead>
<tr>
<th>LED state</th>
<th>Computer State</th>
</tr>
</thead>
<tbody>
<tr>
<td>On (Green)</td>
<td>&lt;Scr Lock&gt; is on</td>
</tr>
<tr>
<td></td>
<td>(All letters are entered as capital letters)</td>
</tr>
<tr>
<td>Off</td>
<td>&lt;Scr Lock&gt; is off</td>
</tr>
<tr>
<td></td>
<td>(All text input is lowercase letters)</td>
</tr>
</tbody>
</table>
6 Keyboard

Using the keys

**Hotkeys (Using <Fn>)**

By pressing the function key <Fn> in combination with another key, you can easily change common computer settings. These functions are called "Hotkeys".

<table>
<thead>
<tr>
<th>Key Sequence</th>
<th>Function</th>
<th>Japanese keyboard</th>
<th>English keyboard</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;Fn&gt; + &lt;F1&gt;</td>
<td>Turns the sound on and off (mute) ( )</td>
<td></td>
<td></td>
</tr>
<tr>
<td>&lt;Fn&gt; + &lt;F3&gt;</td>
<td>Switch the screen that is displayed ( / )</td>
<td></td>
<td></td>
</tr>
<tr>
<td>&lt;Fn&gt; + &lt;F6&gt;*1</td>
<td>Turns the beep sound on and off ( )</td>
<td></td>
<td></td>
</tr>
<tr>
<td>&lt;Fn&gt; + &lt;F7&gt;</td>
<td>Decreases the screen brightness ( )</td>
<td></td>
<td></td>
</tr>
<tr>
<td>&lt;Fn&gt; + &lt;F8&gt;</td>
<td>Increases the screen brightness ( )</td>
<td></td>
<td></td>
</tr>
<tr>
<td>&lt;Fn&gt; + &lt;F9&gt;</td>
<td>Decreases the volume ( )</td>
<td></td>
<td></td>
</tr>
<tr>
<td>&lt;Fn&gt; + &lt;F10&gt;</td>
<td>Increases the volume ( )</td>
<td></td>
<td></td>
</tr>
<tr>
<td>&lt;Fn&gt; + &lt;F11&gt;*1</td>
<td>Scroll lock</td>
<td></td>
<td></td>
</tr>
<tr>
<td>&lt;Fn&gt; + &lt;F12&gt;</td>
<td>Num lock</td>
<td></td>
<td></td>
</tr>
<tr>
<td>&lt;Fn&gt; + &lt;Pause&gt;</td>
<td>Break</td>
<td></td>
<td></td>
</tr>
<tr>
<td>&lt;Fn&gt; + &lt;Delete&gt;</td>
<td>System request</td>
<td></td>
<td></td>
</tr>
<tr>
<td>&lt;Fn&gt; + &lt;Page up&gt;</td>
<td>Page up</td>
<td></td>
<td></td>
</tr>
<tr>
<td>&lt;Fn&gt; + &lt;Page down&gt;</td>
<td>Page down</td>
<td></td>
<td></td>
</tr>
<tr>
<td>&lt;Fn&gt; + &lt;Home&gt;</td>
<td>Home</td>
<td></td>
<td></td>
</tr>
<tr>
<td>&lt;Fn&gt; + &lt;End&gt;</td>
<td>End</td>
<td></td>
<td></td>
</tr>
<tr>
<td>&lt;Fn&gt; + &lt;Insert&gt;</td>
<td>Print screen</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*1 : This setting is canceled when the computer power is turned off or restarted.

7 The NX Pad

This section covers the NX pad usage and extended feature settings, as well as the driver update process.

**Using NX Pad**

When settings are at the factory default values, the following operations can be performed with the NX pad.

<table>
<thead>
<tr>
<th>Operation name</th>
<th>NX pad operation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Move the mouse pointer</td>
<td>Touch the pad and move your finger in the direction you want to move the mouse pointer to.</td>
</tr>
<tr>
<td>Click</td>
<td>Press and immediately release any part of the pad except the lower right part.</td>
</tr>
<tr>
<td>Right click</td>
<td>Press and immediately release the lower right part of the pad. You may also press and immediately release the pad with two fingers.</td>
</tr>
<tr>
<td>Double click</td>
<td>Move the pointer to an icon or folder, and quickly click twice.</td>
</tr>
<tr>
<td>Drag</td>
<td>Move the pointer to an icon or a folder, press the pad, and move your finger on the pad while continuing to press the pad.</td>
</tr>
<tr>
<td>Scroll</td>
<td>Click the application window displaying the scroll bar and touch two points on the pad. The two points should be slightly far from each other. Move your two fingers in the direction you want to move the scroll bar to.</td>
</tr>
<tr>
<td>Zoom</td>
<td>Click the application window that you want to zoom in to or zoom out from, and touch two points on the pad. While keeping your fingers in the same place, you can zoom in or zoom out by widening or narrowing the distance between your fingers.</td>
</tr>
<tr>
<td>Rotate</td>
<td>Click the application window that you want to rotate, and touch two points on the pad. While keeping your fingers in the same place, rotate and twist the two fingers.</td>
</tr>
</tbody>
</table>

Check /

Scroll, zoom, and rotation are not supported by some applications.
Configuration of the NX pad buttons, pointer behavior, and extended features is done using the [Mouse Properties] window.

1. Click [Start] and then [Control Panel].
2. Click [Hardware and Sound], and click [Mouse] in [Devices and Printers].

The [Mouse Properties] window should come up. Click on each tab in the [Mouse Properties] window to change the NX pad settings.

**Display switch tool**

The display switch tool on this computer enables you to use the keyboard to redirect screen output or change the screen resolution. When you press <Fn> + <F3>, available outputs are displayed as icons on the screen. Each time <Fn> + <F3> you press, the output changes. Screen output operations are explained below.

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<th>(3)</th>
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<th>(4)</th>
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<td>(3)</td>
<td>Clone mode using the computer's LCD display and the external display or television connected to the HDMI port</td>
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<td>Dual display using the computer's LCD display and the external display or television connected to the HDMI port (the LCD display is primary)</td>
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**Note**

Tapping a fingertip against the pad results in a click. Quickly tapping the pad twice results in a double-click. Tapping the pad to produce a click or double-click is called "tapping" or "double tapping". If you tap the pad with the pointer aligned on the target, and then touch the pad again and move your finger, this operation will result in a drag.

**Configuring NX pad**

Configuration of the NX pad buttons, pointer behavior, and extended features is done using the [Mouse Properties] window.

1. Click [Start] and then [Control Panel].
2. Click [Hardware and Sound], and click [Mouse] in [Devices and Printers].

The [Mouse Properties] window should come up. Click on each tab in the [Mouse Properties] window to change the NX pad settings.

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**Configuring NX pad**

Configuration of the NX pad buttons, pointer behavior, and extended features is done using the [Mouse Properties] window.

1. Click [Start] and then [Control Panel].
2. Click [Hardware and Sound], and click [Mouse] in [Devices and Printers].

The [Mouse Properties] window should come up. Click on each tab in the [Mouse Properties] window to change the NX pad settings.
Changing the screen resolution

Please refer to the following procedure to change the screen resolution with the keyboard.

**Check:**

- Unless the screen output is set to clone mode with the external display connected to the external display output, the resolution cannot be changed.
- If the display blurs after the resolution is changed to any screen ratio other than 4:3, please change to the ratio of 4:3.

1. **Press** `<Fn>` + `<F3>` and set the screen output to clone mode.
2. **After** clone mode has been set, press `<Fn>` + `<F3>` again.
   The icons to change the resolution are displayed under the screen output icons.
3. **Press** `<Fn>` + `<F3>`, and select the icon of the resolution that you want to change.
   Three seconds after you select an icon, the resolution will change.

---

LAN Function

This section covers important points and the correct procedure for setting up the LAN (Local Area Network) function.

### LAN settings

The following provides a simple explanation about how to perform network setup in order to connect to a LAN.

#### Setting up a network connection

Network connection settings can be changed by going to the [Control Panel] and clicking [Network and Internet] → [View network status and tasks] → [Change adapter settings].

For more detailed information, please refer to Windows help.

The following step allows you to change settings such as the computer name.

#### Setting the computer name and network to connect to

You can change settings related to the connected network and change the name of your computer as it is displayed on the network by opening the [Control Panel] and clicking [System and Security] → [System], and then selecting [Change settings] under [Computer name, domain, and workgroup settings].

For more detailed information, please refer to Windows help.

This is all you need to do to correctly setup your LAN.

---

Remote power on (WoL - Wake on LAN)

Remote Power On (WoL - Wake on LAN) can allow you to do the following.

- Remotely turn your computer on after the power is off.
- Remotely wake up your computer after sleep or hibernate.

If you configure your computer to allow WoL, the LAN adapter stays active, even when the computer power is off.

A special packet (Magic Packet) that instructs your computer to turn on can be transmitted from a remote administrator's PC. When this packet is received by the computer's dedicated controller, it triggers the power to be turned on.

This allows you to be able to remotely turn your computer's power on or wake it up from sleep or hibernate from an administrator's PC when your computer has a LAN connection.
The following steps can be used to configure your computer to allow WoL from when the power is turned off.

1. Turn the power on and immediately press <F2> several times. The BIOS setup utility will then be displayed.
3. Press the <F10> key.
4. Confirm that [Yes] is selected and then press <Enter>.

These setting values are saved, the BIOS setup utility will finish, and your computer will restart.

Configuration is now complete.

These settings can be found in [Device Manager] → [Network adapters]. For more detailed information, please refer to Windows help.

### Network booting function (PXE)

This enables booting via a network, and remote connection to your computer from an administrator’s PC which allows you to do the following.

- Operating system installation
- BIOS flashing (Rewriting the BIOS ROM)
- BIOS configuration changes

---

**Wireless LAN Function**

#### Turning the wireless LAN on/off

The following methods can be used to turn the wireless LAN on and off.

- Turning the wireless LAN on and off with the wireless switch
- Turning the wireless LAN on and off through [Wireless Network Connection]

### Check!

- In order to enable WoL, it is necessary to install special software on the administrator’s PC to allow sending of Magic Packets.
- It is not possible to use WoL in cases where the previous system shutdown (power off, sleep, or hibernate) was not correctly completed. If this is the case, please turn the power back on, restart Windows, and once again perform a system shutdown using the correct procedure.
- WoL cannot be used with a hub that only supports a speed of 1000 Mbps. Please use a hub that supports 10M/100M/1000M Auto-negotiation.
- When using WoL, please ensure that the AC adapter is plugged into your computer when in hibernation or turned off.

Your wireless LAN on/off setting is saved, even after the computer power has been turned off.

#### Turning the wireless LAN on and off with the wireless switch

Operate your computer’s wireless switch to turn the wireless LAN on and off.

#### Turning the wireless LAN on and off through [Wireless Network Connection]

The wireless LAN can be turned on and off by going to the [Control Panel], clicking [Network and Internet], and selecting [Change adapter settings] under [Network and Sharing Center]. For more detailed information, please refer to Windows help.
**Configuring the wireless LAN**

- The wireless LAN functionality can be configured with the [Power Management] tab in Driver properties.
- When settings are at the factory default values, only 2.4 GHz can be used. When using 5 GHz, please refer to the following procedure for configuration.

Open [Device Manager], and double click [Network adapters] → [Intel(R) Centrino(R) Advanced-N 6205].
Next, click the [Advanced] tab, select [Wireless Mode] of [Property], select [6. 802.11a/b/g] in the [Value] column, and click [OK].

1 Confirm that your computer's wireless LAN function is turned on.
2 Go to the [Control Panel] and click [Network and Internet] → [Network and Sharing Center].
   Click [Connect to a network] under [Change your networking settings].
   A list of network names (SSID) should come up.
3 Click on the network name (SSID) of the wireless network that you would like to connect to.
4 Click [Connect] after confirming that the [Connect automatically] checkbox is selected.
5 If a window comes up asking for a [Security key], enter the security key of the network you are connecting to and click [OK] to continue.

Configuration is now complete.

**Installing PROSet/Wireless**

By using PROSet/Wireless with your computer's wireless LAN, it is possible to use authentication functions (LEAP, etc.) that do not have native Windows support.

1 Start Windows.
2 Click [Start] and then [All Programs] → [Accessories] → [Run].
3 Enter the following in the [Open] dialog and then click [OK].
   C:\DRV\WLINSERV\UTILITY\APPS\Setup.exe/qn/forcerestart
   Note: △ represents a single-byte space.

Installation will begin.

This is all you need to do to correctly install PROSet/Wireless.
Uninstalling PROSet/Wireless

PROSet/Wireless can be uninstalled with the following steps.
1. Start Windows.
2. Click [Start] and then [All Programs] → [Accessories] → [Run].
3. Enter the following in the [Open] dialog and then click [OK].
   
   C:\DRV\WLINSEV\UTILITY\APPS\Setup.exe\qn\x\forcerestart

   Note: △ represents a single-byte space.

   The software will be uninstalled.

Check:
- Please note that nothing will be displayed on the screen during uninstallation.
- Windows will automatically restart once uninstallation is complete.

This is all you need to do to correctly uninstall PROSet/Wireless.

Installing memory

1. Remove the battery pack.
2. Use a Phillips screwdriver to remove the screws shown in the diagram below. The memory slot cover should then come off.

3. Align the notched part of the memory with the protrusion of the connector, and insert the memory at about a 30 degree angle relative to the connector until the memory terminals click.

When inserting the memory, these parts move outward. Once the memory is locked, they move back to the original positions. Make sure that both sides are locked and that the memory is fixed in the connector correctly.
4 Return the memory slot cover to its original position and reinsert the screws into the bottom of the unit.

Your new memory should now be ready to use.

**Note** Please refer to the following diagram when removing memory.

---

12 System Configuration

### The BIOS setup utility

- **Check**
  - Do not turn your computer off with the power switch while in the BIOS setup utility. When turning the power off, be sure to either exit the BIOS setup utility and shutdown your computer from the Windows menu after Windows has loaded, or turn the power off after selecting [Save Changes and Power Off] from the [Exit] menu when you wish to save the new settings.

- **Entering the BIOS setup utility**
  - Turn the power on and immediately press <F2> several times.
    - The BIOS setup utility will then be displayed.

- **Check**
  - If you have trouble entering the BIOS setup utility, please try to vary the timing when pressing the <F2> key.

- **BIOS setup utility basic operation**
  - The BIOS setup utility is configured and controlled with the keyboard. The following is a list of the main keys used.

<table>
<thead>
<tr>
<th>Key</th>
<th>Function/Operation</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;-&gt;</td>
<td>Used to select menu bars such as [Main], or [Advanced].</td>
</tr>
<tr>
<td>↑ ↓</td>
<td>• Used to select items to be configured.</td>
</tr>
<tr>
<td></td>
<td>• In cases where possible configuration values are listed on the screen, these keys are used to select the desired value.</td>
</tr>
<tr>
<td>&lt;Enter&gt;</td>
<td>• Brings up a list of possible configuration values for the current item or displays the selected menu. It is also used to select a setting value and close the menu.</td>
</tr>
<tr>
<td></td>
<td>• Displays the sub-menu for items that are highlighted with a [ ] symbol.</td>
</tr>
<tr>
<td></td>
<td>• Moves digits when entering the [System Time] and [System Date].</td>
</tr>
<tr>
<td>&lt;Esc&gt;</td>
<td>• Exits the BIOS setup utility without saving the settings.</td>
</tr>
<tr>
<td></td>
<td>• Returns to the previous screen when a sub-menu is displayed.</td>
</tr>
<tr>
<td>&lt;F9&gt;</td>
<td>Returns all BIOS setup utility setting values to their factory default settings.</td>
</tr>
<tr>
<td>&lt;F10&gt;</td>
<td>Saves any changes and restarts the computer.</td>
</tr>
<tr>
<td>&lt;Tab&gt;</td>
<td>Moves digits when entering the [System Time] and [System Date].</td>
</tr>
</tbody>
</table>
Restoring default factory setting values

Please follow these steps to restore your system to the default factory settings.

1. Enter the BIOS setup utility.
2. Press the <F9> key.
   A confirmation screen should be displayed.
   Press the <Esc> button to cancel and exit.
3. Confirm that [Yes] is selected and then press <Enter>.
   This will load the default factory setting values.
4. Press the <F10> key.
   A confirmation screen should be displayed.

5. Confirm that [Yes] is selected and then press <Enter>.
   These setting values are saved, the BIOS setup utility will finish, and your computer will restart.

Configuration is now complete.

ME BIOS Extension

Before using the ME BIOS Extension

Before using the ME BIOS Extension, it is necessary to change the factory default password to a new password. Please use the following steps to change your password.

3. Select [Intel(R) ME BIOS Extension] and then set it to [Enabled].
4. Press the <F10> key.
   [Save configuration and reset?] should be displayed.
5. Confirm that [Yes] is selected and then press <Enter>.
   These setting values are saved, the BIOS setup utility will finish, and your computer will restart.
   The ME BIOS Extension [MAIN MENU] should come up.
7. Select [MEBx Login] and then press <Enter>.
8. When [Intel(R) ME Password] is displayed, enter "admin" and press <Enter>.
9. When [Intel(R) ME New Password] comes up, enter your new password and press <Enter>.
   Please choose a strong password that satisfies the following criteria.
   - A length of 8 to 32 characters.
   - At least one lowercase and one uppercase letter.
   - At least one number from 0 to 9.
   - At least one special nonalphanumeric character such as !, @, #, etc.
10. When [Verify password] comes up, re-enter the same password and press <Enter>.

Entering the ME BIOS Extension

1. Turn your computer on and immediately press <Ctrl> + <P>.
   The ME BIOS Extension [MAIN MENU] should come up.
2. Select [MEBx Login] and then press <Enter>.
3. When [Intel(R) ME Password] comes up, enter your ME BIOS Extension password and press <Enter>.

Restoring default factory setting values

Please follow these steps to restore your ME BIOS Extension to the default factory settings.

Be sure not to turn your computer off while following these steps.
1 Enter the BIOS setup utility.
3 Set [Unconfigure ME] to [Enabled].
4 Press the <F10> key.
   A confirmation screen should be displayed.
5 Confirm that [Yes] is selected and then press <Enter>.
   These setting values are saved, the BIOS setup utility will finish, and your computer will restart.
6 After your computer restarts, press <Y> when [Found unconfigure of Intel(R) ME Continue with unconfiguration (Y/N)] is displayed.
   The screen will display [Unconfiguration in progress] to indicate that the return to factory default setting values process has commenced.
   The computer will restart once this process is completed.

Configuration is now complete.

13 Security Chip Function

Outline

- The security chip function is only enabled for model VG26M/BC-F.
- The security chip does not guarantee complete protection of data or hardware.
- Always exercise appropriate caution when managing and handling important data.
- In addition to the security chip function, we recommend configuring supervisor and user passwords to the BIOS setup utility.
- When performing computer recovery, reinstalling the operating system, or using a separately sold operating system, initialize the security chip before enabling it. Refer to "Before sending your computer for repair" for the procedure to initialize the security chip.

Before sending your computer for repair

When you send your computer for repair, please be sure to cancel supervisor and user password settings for the BIOS setup utility and initialize the security chip to prevent the divulging of information.

Please refer to the following procedures for security chip initialization.

1 Turn the power on and immediately press <F2> several times.
   The BIOS setup utility will then be displayed.
2 In the [Security] menu, select [Security Chip Configuration] and press <Enter>.
3 Confirm that [Current TPM State] is set to [Enabled&Activated].
   If [Current TPM State] is not set to [Enabled&Activated], please enable the security chip referring to "Enable the security chip" on , and then initialize the security chip.
4 Set [Change TPM State] to [Clear].
5 Press the <F10> key.
   A confirmation message is displayed.
6 Select [Yes] and then press <Enter>.
   The settings are saved and the BIOS setup utility exits.
7 If a confirmation screen is displayed after the computer restarts, press <Shift> + <F10>.
   The settings are saved and the computer restarts.

The security chip is now initialized.
To use the security chip again, enable it by following the procedure in "Enable the security chip".

Enable the security chip

After initializing the security chip, carry out the following procedure to enable it for use again.

1 Turn the power on and immediately press <F2> several times.
   The BIOS setup utility will then be displayed.
2 In the [Security] menu, select [Security Chip Configuration] and press <Enter>.
3 Confirm that [TPM Support] is set to [Enabled].
   If it is set to [Disabled], please change it to [Enabled].
4 Set [Change TPM State] to [Enable&Activate].
5 Press the <F10> key.
   A confirmation message is displayed.
6 Select [Yes] and then press <Enter>.
   The settings are saved and the BIOS setup utility exits.
If a confirmation screen is displayed after the computer restarts, press <F10>.
The settings are saved and the computer restarts.
The features of the security chip are now enabled.

Check

You can reset security chip feature settings by setting [Change TPM State] to [Clear]. Therefore, we recommend you set up a supervisor password/user password before you use security chip features so that a higher level of security can prevent a third party from resetting security chip feature settings.

Applications

Microsoft® Office trial

Check

Microsoft® Office trial is not pre-installed in the Japanese version of model VC26M/BC-F.

"Microsoft® Office trial" is pre-installed in this product. To use Microsoft® Office, you need to purchase a product key separately.

Check

"Microsoft® Office trial" is installed only at the time of shipment from the factory. If you perform a recovery, it will no longer be installed. If you wish to use Microsoft® Office, purchase it from the Microsoft® website.

Battery tool

By using the "Battery tool", you can automatically perform battery refresh, performance diagnostics and battery refresh diagnostics.

Starting the Battery tool

To start the Battery tool perform the following steps.

1 Click [Start] → [All Programs] → [Battery tool] → [Battery tool].

2 When a general explanation screen for battery refresh and performance diagnostics is shown, click [Next].

Note

- By checking [Do not display this dialog box on startup.] and clicking [Next], the general explanation screen will not be shown at the next start up.
- The general explanation screen is also displayed by clicking [Read first] after [Battery tool] starts up.

Performing Battery Refresh and Performance Diagnostics

To perform battery refresh and performance diagnostics, perform the following steps.

Check

When performing battery refresh and performance diagnostics, the battery and the AC adapter must be connected.

1 Start [Battery tool].
2 Click [Start]. A confirmation screen will be displayed.
3 After confirming the contents, click [Yes]. Battery refresh will start.

After battery refresh is complete, performance diagnostics will start.

Note

On the Confirmation screen or the executing screen, checking [Enter sleep status automatically after completed.] will put the computer into sleep mode after battery refresh and performance diagnostics is completed.
Go to the [Control Panel], click [Programs] → [Uninstall a program], then select [Battery tool] and click [Uninstall]. Follow the instructions on the screen for the procedure.

When reinstalling the uninstalled [Battery tool], perform the following steps.

1. Insert the "Application Disc" into the optical drive.
2. Click [Start] → [All Programs] → [Accessories] → [Run].
3. Enter the following in [Open] and click [OK].
   D:\NECBATT\UTL\Setup.exe

   **Note**
   If the optical drive is not specified as "D", change the "D" to the appropriate drive specification.

4. When [Welcome to the Battery tool Setup Wizard] is displayed, click [Next].
5. If the [Battery tool Files in Use] screen is displayed, click [NEC Battery Refresh Utility-Scheduler (Process Id: XXXX)], and then click [Continue].
6. When the [Installation Complete] screen is displayed, click [Close].
7. When the restart prompt is displayed, remove the "Application Disc" from the optical drive, drive, follow the instructions on the screen, and then restart the computer.

Following the above steps will complete the reinstallation of "Battery tool".

---

### Deleting Data from the Hard Disk

**Check!**

The Recovery Disc is not included with model VC26M/BC-F.

#### About Deleting Data from the Hard Disk

Data can be deleted from the computer's hard disk.

Data written to the hard disk can be removed using the [Recycle Bin] or by formatting the computer to the original state.

Selecting this menu will remove hard disk data that cannot be removed by hard disk formatting of operation system standard, and the removed data will not be easily recovered with recovery tools. Format the hard disk before transferring or disposing of the computer.

**Check!**

Before deleting the hard disk data, return the BIOS Setup Utility setting to the factory setting values.

**Check!**

Data can be deleted from the computer in the following 3 ways.

- **Simple mode (1 time erasure)**
  Overwrites "00" data entirely from the hard disk.

- **NSA-introduced mode (3 times erasure)**
  Deletes data from the hard disk in a method compliant to the U.S. Department of Defense NSA Standard. The data is deleted effectively by writing random data 1, then random data 2, then "00" data 3 times in order and then deleting it 3 times. However, since the data is written 3 times, it takes 3 times longer than simple mode for deletion to be completed.

- **DoD-introduced mode (3 times erasure + Verify)**
  Deletes data from the hard disk in a method compliant to the U.S. Department of Defense Standard. "00", "FF", and "random value" is written in order, and verifies that the final random data is written correctly. Effective deletion is performed by deleting 3 times.

By using this method it is not guaranteed that the data cannot be completely recovered.

#### How to Delete Data from the Hard Disk

**Check!**

Remove peripheral devices (excluding the optical drive), return to the state at the time of purchase.
1 Turn on the computer.
2 If the power lamp lights, quickly insert the "Recovery Disc" into the optical drive.
3 When [Press any key to boot from CD or DVD...] is displayed, press <Enter>.
4 When the [Windows Recovery] screen is displayed, select [Erase data on the hard disk], and press <Enter>.
5 When [Data on the hard disk will be erased. Are you sure?] is displayed, select [Yes] and then press <Enter>.
6 Select the hard disk for data deletion and click [Next].
7 Select the deletion method that the data should be deleted and click [OK].
8 When [Starting to erase HDD data. Is it OK?], click [Yes].
9 When [Completed] is displayed, click [OK].
10 Remove the "Recovery Disc" from the optical drive and press <Enter>.

Following the above steps will complete data deletion on the hard disk.

**Precautions**

- HDD anti-shock tool will reduce the risk of damage to the hard disk when the computer detects that it has been tilted, dropped, or otherwise moved abruptly by returning the head of the hard disk. However, there is no guarantee that the hard disk will be completely protected of failure or corruption. It is recommended that important data be backed up frequently.
- If an impact is detected, the hard disk will be returned and the computer will not perform operations. Wait a few seconds for the head to return back into position.

**Install**

1 Start Windows.
2 Insert the "Application Disc" into the optical drive.
3 Click [Start] → [All Programs] → [Accessories] → [Run].
4 Enter the following in the [Open] dialog and then click [OK].
   D:\HDSaver\setup.exe

**Note** If the optical drive is not specified as "D", change the "D" to the appropriate drive specification.

Follow the instructions on the screen for the procedure.

5 When [InstallShield Wizard Completed] is displayed, click [Finish].
6 Click [No] on the [HDD anti-shock tool Installer Information] screen.
7 Remove the "Application Disc" from the optical drive and restart Windows.

**Check**

Before using the HDD anti-shock tool for the first time, the detection sensor must be initialized. Before the initialization of the detection sensor is complete, the hard disk protection function will not be enabled.

To initialize the detection sensor refer to the HDD anti-shock tool help.

Following the above steps will complete the installation of HDD anti-shock tool.

**Uninstall**

Go to the [Control Panel], click [Programs] – [Uninstall a program], then select [HDD anti-shock tool] and click [Uninstall]. Follow the instructions on the screen for the procedure.
15 Recovery

Recovery Basics
Here we will explain the basics before recovery. Please read this before performing recovery.

Required Materials
When recovering from a DVD, the following materials are required. Prepare all of the materials before starting the process.
- Recovery Disc

⚠️ Check
The Recovery Disc is not included with model VC26M/BC-F.

Backup Data from the Hard Disk
Before recovery, if there is data that you would like to maintain, make a backup of the data and then perform recovery.

⚠️ Check
For multi-user computers, each user should logon and make personal backups.

Maintain System Settings
Once recovery is performed, all the settings including system configuration will be reset to the factory default settings. If you would like to use the current settings again after recovery, such as BIOS setup utility settings and network settings, make a note of the current settings.

Returning the BIOS Utility Settings to the Original Values
Before recovery, please be sure to load the factory default settings for the BIOS setup utility.

Precautions during Recovery
Follow the following precautions during recovery.

Follow the steps in the manual and on the recovery screen
During recovery, be sure to follow the steps in this manual and on the recovery screen. Missing a step, pressing a key other than the indicated key, or changing the procedure may result in improper recovery.

⚠️ Check
- Recovery cannot be performed via battery power. Please be sure to connect the AC adapter, and connect the power cord to the AC outlet.
- Under [Recovery] in the [Control Panel], [Advanced recovery methods] → [Reinstall Windows] cannot be used. For computer recovery, please follow the procedure described in this manual.

Turn ON the wireless LAN function
Confirm that the wireless LAN function is ON. If it is turned off, please turn it back on before recovery.

Disconnect peripheral devices
Disconnect peripheral devices to return to the state at time of purchase (excluding the optical drive used for recovery).

⚠️ Check
If the computer's LAN cable is connected, disconnect it before recovery.

Turning on the power
Please wait at least five seconds before turning the power on again. If the power shutdown resulted from removing the power cord plug from the AC outlet or a tripped circuit breaker, please wait for at least 90 seconds with the power cord unplugged from the AC outlet, reconnect the power cord plug to the AC outlet, and then turn the power on again.

Do not interrupt recovery
Do not interrupt the recovery process once it has started. The setup program is running normally even if the screen appears to stop, so please wait without interrupting the recovery. If you interrupt, the recovery may not be performed correctly, so you have to start over from the beginning.
When recovery cannot be performed

If [The computer can not be restored.] is displayed, it is possible that model information was written incorrectly. Please contact our repair facilities.

Do not leave the computer alone during recovery

Do not leave the computer unattended until the recovery has completed including passing all the screens which require your key operations, and power OFF.

Computer recovery

Computer recovery is performed.
There are two recovery options: "Recovery from hard disk" and "Recovery from DVD".

- Be sure to start operations with the computer's power turned OFF.
- Recovery cannot be performed via battery power. Please be sure to connect the AC adapter and connect the power cord to the AC outlet.

Hard Disk Recovery

1 Turn on the computer.
2 When the [NEC] logo screen is displayed, repeatedly press <F11> until the [NEC] logo screen disappears and [Windows is loading files...] is displayed.

Check:* If you do not press the <F11> key at the right time, recovery will not start. If the normal Windows Desktop screen is shown instead of the recovery screen, turn the power OFF, start from step 1 and press <F11> in a different timing on step 2.

3 When [Windows 7(32bit) Recovery] is displayed, read the precautions and then press <Enter>.
4 When the [Windows Recovery] screen is displayed, select [Start to restore your computer], and press <Enter>.
   Follow the steps on the screen for the procedure.

Next, continue to "Windows Setup".

DVD Recovery

1 Turn on the computer.
2 If the power lamp lights, quickly insert the "Recovery Disc" into the optical drive.
3 When [Press any key to boot from CD or DVD...] is displayed, press <Enter>.
4 When the [Windows Recovery] screen is displayed, select [Start to restore your computer with Recovery Disc], and press <Enter>.
5 When [We will start Windows 7(32bit) Recovery with Recovery Disc.] is displayed, read the precautions and then press <Enter>.
   Follow the steps on the screen for the procedure.

Next, continue to 'Windows Setup'.

Windows Setup

Perform Windows setup.

Windows Setup
Read "Windows Setup" (p.3) and perform Windows Setup.

Check:* When Windows setup has completed, turn the power OFF and then do settings to your needs.

Reinstall the applications pre-installed at time of purchase.
Next, continue to 'Do again the settings which you did after your purchase'.

Do again the settings which you did after your purchase

The settings which you did after purchasing your computer is lost once recovery has started. Do the settings again. If you want to use some peripherals, connect them and do the settings again. Do also network settings again.

Next, continue to 'After Recovery'.
After Recovery

The applications which you installed from Application Disc or by any other way can not be recovered. Reinstall them if needed.

✔ Check

Depending on your usage environment, the drive letter or the path assigned before recovery might be different. In that case, change the allocation.

That is all for Windows 7 recovery.

16 Appendix

Specifications

<table>
<thead>
<tr>
<th>Model name</th>
<th>VC26M/BC-F</th>
<th>VG26M/BC-F</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPU*20</td>
<td>Intel® CoreTM i5-3320M processor*14</td>
<td></td>
</tr>
<tr>
<td>Maximum memory (RAM)</td>
<td>8 GB [SO-DIMM (2 slots)]<em>28</em>38</td>
<td></td>
</tr>
<tr>
<td>Power</td>
<td>Lithium-ion battery (M) (DC: 10.8 V, Typ. 3350 mAh<em>49) (Battery pack included), Lithium-ion battery (L) (DC: 10.8 V, Typ. 6700 mAh</em>49) (Battery pack included) and AC Adapter to adapt itself to your region’s specifications. For use outside your region, another power cord will be required.</td>
<td></td>
</tr>
<tr>
<td>Power consumption (Maximum configuration)</td>
<td>Windows 7 Professional 32 bit</td>
<td>Approx. 65 W</td>
</tr>
<tr>
<td>External Dimensions (excluding protrusions)*6</td>
<td>292 (W) × 223 (D) × 29.5 (H) mm</td>
<td></td>
</tr>
<tr>
<td>Weight (including Lithium ion battery (M))*8</td>
<td>Approx. 1.31 kg*42</td>
<td></td>
</tr>
</tbody>
</table>

For comments, please refer to the followings.

Comments

* 2 : Supports Hyper-Threading technology.
* 6 : Protrusions such as rubber feet are excluded.
* 8 : Does not include an optical drive, PC card slot, or SD memory card.
* 14 : Equipped with an enhanced version of Intel SpeedStep® Technology.
* 20 : Depending on the user environment and load the CPU operating speed may vary.
* 28 : The 32-bit version of the OS cannot utilize the entire capacity even with 4 GB or more of RAM. The usable capacity is approx. 3 GB. Furthermore, depending on the configuration the usable RAM capacity may vary.
* 38 : Only one SO-DIMM slot is accessible to users. The other memory cannot be removed.
* 42 : Weight at the lightest configuration. The lithium-ion battery adds approx. 140 g. The optical drive adds approx. 100 g.
* 49 : Shows the normal capacity (actual battery pack capacity).
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User's Guide

VB Model

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