

**IMPORTANT:** Before proceeding with the upgrade, disconnect all external hardware devices, including PC Cards etc

**Note:** Before proceeding, ensure that the VAIO computer is operated using the supplied AC adapter.

**Note:** Save all data/files and close all running programs

Please note that when installing either of the Windows XP versions, users may no longer have access to some preinstalled software or will not be able to use some of preinstalled functions. Below are the functions that are confirmed to be unusable once users downgrade to Windows XP on VGN-TT1 Series:

1. Silent Stream (0 stream) function does not work for HDMI output.
2. Switching the Audio output between HDMI and built-in SPK/HP should be manually operated.
3. The audio format which can be output is PCM only. (AC3 and DTS, used for DVD, are converted into PCM 48kHz 2ch and output.)
4. When using Fn+F7 to switch the display from internal LCD display to HDMI output display, system will recognize HDMI device as one DVI device sometimes.
5. After changing brightness via Fn+F5/F6 key, the brightness does not be saved after restart the unit.
6. Plug and Display function does not work.
7. LCD brightness auto-adjustment function by illuminant sensor does not work.
8. Fn+F9/F10 (Zoom in/Zoom out) function key can not be worked.
9. Sounds is not outputted when playback DVD title which is used Dolby Digital Sounds by Windows Media Player.
10. Notice Canceling Headphone is unsupported.
11. Rapid Electric Charge function does not work.
12. Hard disk Drive protection function can not be used.
13. Do not support Blu-ray drive function..
14. SSD RAID function is unsupported.
15. Sometimes the error message "System file cannot be updated" appears when installing TPM Professional Package.
16. Some contents in Bluetooth Utility help file are not correct.
17. There is no manual of how to use XP.

#### *Windows XP Drivers for VGN-TT Series*

#### **SATA Driver (Optional)**

If using bundle XP installation disc to change the current OS to Windows XP Pro (Only preinstalled Windows Vista Business unit will bundle this disc), you can skip to install this driver.

1. Find one external floppy disk drive and connect with the unit.
2. Insert a blank formatted floppy disk into the external floppy disk drive, and unzip the downloaded zip file.
3. Copy these 8 unzip files to the blank formatted floppy disk.
4. Start the Microsoft® Windows® Operating System setup by booting from the installation CD.
5. At the beginning of the Operating System setup, press the F6 key to install a third-party SAST or RAID driver.
6. When prompted, insert the floppy disk with the SATA driver files.
7. After reading the floppy disk, the SATA Controller will be presented. Select this driver to install (Please click **PgUP** button to choose **Intel ICH9M-E/M SATA AHCI Controller** option). Finish the Windows® Operating System installation and install all necessary drivers.

### **Chipset Software Installation Utility**

1. Download the **Chipset.EXE** file to a temporary or download directory (please note this directory for reference).
2. Go to the directory where the file was downloaded and double-click the **Chipset.EXE** file to begin the installation.
3. Follow the installation wizard that appears.
4. At the License Agreement dialog, read the agreement. Click I Agree to continue with the installation.

NOTE: Several setup boxes may briefly appear during the installation. Follow the installation wizard that appears.

5. When the installation finishes, please restart the computer if needed.

### **Video Driver**

1. Download the **Graphics.EXE** file to a temporary or download directory (please note this directory for reference).
2. Go to the directory where the file was downloaded and double-click the **Graphics.EXE** file to begin the installation.
3. Follow the installation wizard that appears.
4. At the License Agreement dialog, read the agreement. Click I Agree to continue with the installation.

NOTE: Several setup boxes may briefly appear during the installation. Follow the installation wizard that appears.

5. When the installation finishes, please restart the computer if needed.

### **KB835221 (Optional)**

If using bundle XP installation disc to change the current OS to Windows XP Pro(Only preinstalled Windows Vista Business unit will bundle this disc), you can skip to install this driver.

1. Download the **KB835221.EXE** file to a temporary or download directory (please note this directory for reference).
2. Go to the directory where the file was downloaded and double-click the **KB835221.EXE** file to begin the installation.
3. Follow the installation wizard that appears.
4. At the License Agreement dialog, read the agreement. Click I Agree to continue with the installation.

NOTE: Several setup boxes may briefly appear during the installation. Follow the installation wizard that appears.

5. When the installation finishes, please restart the computer if needed.

### **Audio Driver**

1. Download the **Audio.EXE** file to a temporary or download directory (please note this directory for reference).
2. Go to the directory where the file was downloaded and double-click the **Audio.EXE** file to begin the installation.
3. Follow the installation wizard that appears.
4. At the License Agreement dialog, read the agreement. Click I Agree to continue with the installation.

NOTE: Several setup boxes may briefly appear during the installation. Follow the installation wizard that appears.

5. When the installation finishes, please restart the computer if needed.

### **Modem driver**

1. Download the **Modem.EXE** file to a temporary or download directory (please note this directory for reference).
2. Go to the directory where the file was downloaded and double-click the **Modem.EXE** file to begin the installation.
3. Follow the installation wizard that appears.
4. At the License Agreement dialog, read the agreement. Click I Agree to continue with the installation.

NOTE: Several setup boxes may briefly appear during the installation. Follow the installation wizard that appears.

5. When the installation finishes, please restart the computer if needed.

### **Intel Network driver(Optional)**

If using bundle XP installation disc to change the current OS to Windows XP Pro(Only preinstalled Windows Vista Business unit will bundle this disc), you can skip to install this driver.

1. Download the **LAN-Intel.EXE** file to a temporary or download directory (please note this directory for reference).
2. Go to the directory where the file was downloaded and double-click the **LAN-Intel.EXE** file to begin the installation.
3. Follow the installation wizard that appears.
4. At the License Agreement dialog, read the agreement. Click I Agree to continue with the installation.

NOTE: Several setup boxes may briefly appear during the installation. Follow the installation wizard that appears.

5. When the installation finishes, please restart the computer if needed.

### **Alps Pointing device for VAIO**

1. Download the **pointing.EXE** file to a temporary or download directory (please note this directory for reference).
2. Go to the directory where the file was downloaded and double-click the **pointing.EXE** file to begin the installation.
3. Follow the installation wizard that appears.
4. At the License Agreement dialog, read the agreement. Click I Agree to continue with the installation.

NOTE: Several setup boxes may briefly appear during the installation. Follow the installation wizard that appears.

5. When the installation finishes, please restart the computer if needed.

### **Memory Stick driver**

1. Download the **MS.EXE** file to a temporary or download directory (please note this directory for reference).
2. Go to the directory where the file was downloaded and double-click the **MS.EXE** file to begin the installation.
3. Follow the installation wizard that appears.
4. At the License Agreement dialog, read the agreement. Click I Agree to continue with the installation.

NOTE: Several setup boxes may briefly appear during the installation. Follow the

installation wizard that appears.

5. When the installation finishes, please restart the computer if needed.

### **SD Driver**

1. Download the **SD.EXE** file to a temporary or download directory (please note this directory for reference).

2. Go to the directory where the file was downloaded and double-click the **SD.EXE** file to begin the installation.

3. Follow the installation wizard that appears.

4. At the License Agreement dialog, read the agreement. Click I Agree to continue with the installation.

NOTE: Several setup boxes may briefly appear during the installation. Follow the installation wizard that appears.

5. When the installation finishes, please restart the computer if needed.

### **Memory Stick Icon**

1. Download the **MSIcon.EXE** file to a temporary or download directory (please note this directory for reference).

2. Go to the directory where the file was downloaded and double-click the **MSIcon.EXE** file to begin the installation.

3. Follow the installation wizard that appears.

4. At the License Agreement dialog, read the agreement. Click I Agree to continue with the installation.

NOTE: Several setup boxes may briefly appear during the installation. Follow the installation wizard that appears.

5. When the installation finishes, please restart the computer if needed.

### **Sony NC Device**

1. Download the **SONYNC.EXE** file to a temporary or download directory (please note this directory for reference).

2. Go to the directory where the file was downloaded and double-click the **SONYNC.EXE** file to begin the installation.

3. Follow the installation wizard that appears.

4. At the License Agreement dialog, read the agreement. Click I Agree to continue with the installation.

NOTE: Several setup boxes may briefly appear during the installation. Follow the installation wizard that appears.

5. When the installation finishes, please restart the computer if needed.

### **Sony PI Device**

1. Download the **SONYPI.EXE** file to a temporary or download directory (please note this directory for reference).

2. Go to the directory where the file was downloaded and double-click the **SONYPI.EXE** file to begin the installation.

3. Follow the installation wizard that appears.

4. At the License Agreement dialog, read the agreement. Click I Agree to continue with the installation.

NOTE: Several setup boxes may briefly appear during the installation. Follow the installation wizard that appears.

5. When the installation finishes, please restart the computer if needed.

### **Camera driver**

1. Download the **Camera.EXE** file to a temporary or download directory (please note this directory for reference).
2. Go to the directory where the file was downloaded and double-click the **Camera.EXE** file to begin the installation.
3. Follow the installation wizard that appears.
4. At the License Agreement dialog, read the agreement. Click I Agree to continue with the installation.

NOTE: Several setup boxes may briefly appear during the installation. Follow the installation wizard that appears.

5. When the installation finishes, please restart the computer if needed.

### **Fingerprint driver**

1. Download the **fingerprinter.EXE** file to a temporary or download directory (please note this directory for reference).
2. Go to the directory where the file was downloaded and double-click the **fingerprinter.EXE** file to begin the installation.
3. Follow the installation wizard that appears.
4. At the License Agreement dialog, read the agreement. Click I Agree to continue with the installation.

NOTE: Several setup boxes may briefly appear during the installation. Follow the installation wizard that appears.

5. When the installation finishes, please restart the computer if needed.

### **Bluetooth Driver**

Please power on the H/W wireless LAN button before install Bluetooth device

1. Download the **Bluetooth.EXE** file to a temporary or download directory (please note this directory for reference).
2. Go to the directory where the file was downloaded and double-click the **Bluetooth.EXE** file to begin the installation.
3. Follow the installation wizard that appears.
4. At the License Agreement dialog, read the agreement. Click I Agree to continue with the installation.

NOTE: Several setup boxes may briefly appear during the installation. Follow the installation wizard that appears.

5. When the installation finishes, please restart the computer if needed.

### **TPM Driver**

1. Download the **TPM.EXE** file to a temporary or download directory (please note this directory for reference).
2. Go to the directory where the file was downloaded and double-click the **TPM.EXE** file to begin the installation.
3. Follow the installation wizard that appears.
4. At the License Agreement dialog, read the agreement. Click I Agree to continue with the installation.

NOTE: Several setup boxes may briefly appear during the installation. Follow the installation wizard that appears.

5. When the installation finishes, please restart the computer if needed.

### **Intel Wireless Lan driver**

1. Download the **Wireless-Intel.EXE** file to a temporary or download directory (please note this directory for reference).
2. Go to the directory where the file was downloaded and double-click the **Wireless-Intel.EXE** file to begin the installation.
3. Follow the installation wizard that appears.
4. At the License Agreement dialog, read the agreement. Click I Agree to continue with the installation.

NOTE: Several setup boxes may briefly appear during the installation. Follow the installation wizard that appears.

5. When the installation finishes, please restart the computer if needed.

### *Windows XP Applications for VGN-TT Series*

#### **Sony Shared Library**

1. Download the **Sony\_Shared\_Library.EXE** file to a temporary or download directory (please note this directory for reference).
2. Go to the directory where the file was downloaded and double-click the **Sony\_Shared\_Library.EXE** file to begin the installation.
3. Follow the installation wizard that appears.
4. At the License Agreement dialog, read the agreement. Click I Agree to continue with the installation.

NOTE: Several setup boxes may briefly appear during the installation. Follow the installation wizard that appears.

5. When the installation finishes, please restart the computer if needed.

#### **Sony Utilities DLL**

1. Download the **Sony\_Utilities\_DLL.EXE** file to a temporary or download directory (please note this directory for reference).
2. Go to the directory where the file was downloaded and double-click the **Sony\_Utilities\_DLL.EXE** file to begin the installation.
3. Follow the installation wizard that appears.
4. At the License Agreement dialog, read the agreement. Click I Agree to continue with the installation.

NOTE: Several setup boxes may briefly appear during the installation. Follow the installation wizard that appears.

5. When the installation finishes, please restart the computer if needed.

#### **VAIO Event Service**

1. Download the **VAIO\_Event\_Service.EXE** file to a temporary or download directory (please note this directory for reference).
2. Go to the directory where the file was downloaded and double-click the **VAIO\_Event\_Service.EXE** file to begin the installation.
3. Follow the installation wizard that appears.
4. At the License Agreement dialog, read the agreement. Click I Agree to continue with

the installation.

NOTE: Several setup boxes may briefly appear during the installation. Follow the installation wizard that appears.

5. When the installation finishes, please restart the computer if needed.

### **Setting Utility Series**

1. Download the **Setting\_Utility\_DLL.EXE** file to a temporary or download directory (please note this directory for reference).

2. Go to the directory where the file was downloaded and double-click the **Setting\_Utility\_DLL.EXE** file to begin the installation.

3. Follow the installation wizard that appears.

4. At the License Agreement dialog, read the agreement. Click I Agree to continue with the installation.

NOTE: Several setup boxes may briefly appear during the installation. Follow the installation wizard that appears.

5. When the installation finishes, please restart the computer if needed.

### **VAIO Control Center**

1. Download the **VAIO\_Control\_Center.EXE** file to a temporary or download directory (please note this directory for reference).

2. Go to the directory where the file was downloaded and double-click the **VAIO\_Control\_Center.EXE** file to begin the installation.

3. Follow the installation wizard that appears.

4. At the License Agreement dialog, read the agreement. Click I Agree to continue with the installation.

NOTE: Several setup boxes may briefly appear during the installation. Follow the installation wizard that appears.

5. When the installation finishes, please restart the computer if needed.

### **Battery Checker**

1. Download the **Battery\_check.EXE** file to a temporary or download directory (please note this directory for reference).

2. Go to the directory where the file was downloaded and double-click the **Battery\_check.EXE** file to begin the installation.

3. Follow the installation wizard that appears.

4. At the License Agreement dialog, read the agreement. Click I Agree to continue with the installation.

NOTE: Several setup boxes may briefly appear during the installation. Follow the installation wizard that appears.

5. When the installation finishes, please restart the computer if needed.

### **FrameWork 1.1 (Optional)**

If using bundle XP installation disc to change the current OS to Windows XP Pro(Only preinstalled Windows Vista Business unit will bundle this disc), you can skip to install this driver.

1. Download the **FrameWork 1.ZIP** file to a temporary or download directory (please note this directory for reference).

2. Go to the directory where the file was downloaded and unzip the **FrameWork 1.ZIP** file to begin the installation.

3. Please double-click the **SETUP.EXE** file which you unzipped.
4. At the License Agreement dialog, read the agreement. Click I Agree to continue with the installation.

NOTE: Several setup boxes may briefly appear during the installation. Follow the installation wizard that appears.

5. When the installation finishes, please restart the computer if needed.

### **FrameWork 2.0 (Optional)**

If using bundle XP installation disc to change the current OS to Windows XP Pro(Only preinstalled Windows Vista Business unit will bundle this disc), you can skip to install this driver.

If using bundle XP installation disc to change the current OS to Windows XP Pro(Only preinstalled Windows Vista Business unit will bundle this disc), you can skip to install this driver.

1. Download the **FrameWork 2.ZIP** file to a temporary or download directory (please note this directory for reference).
2. Go to the directory where the file was downloaded and unzip the **FrameWork2.ZIP** file to begin the installation.
3. Please double-click the two **.EXE** file which you unzipped.
4. At the License Agreement dialog, read the agreement. Click I Agree to continue with the installation.

NOTE: Several setup boxes may briefly appear during the installation. Follow the installation wizard that appears.

5. When the installation finishes, please restart the computer if needed.

### **Battery Care**

1. Download the **Battery-Care.EXE** file to a temporary or download directory (please note this directory for reference).
2. Go to the directory where the file was downloaded and double-click the **Battery-Care.EXE** file to begin the installation.
3. Follow the installation wizard that appears.
4. At the License Agreement dialog, read the agreement. Click I Agree to continue with the installation.

NOTE: Several setup boxes may briefly appear during the installation. Follow the installation wizard that appears.

5. When the installation finishes, please restart the computer if needed.

### **SuiteQL**

1. Download the **SuiteQL-AP.exe** file to a temporary or download directory (please note this directory for reference).
2. Go to the directory where the file was downloaded and double-click the **SuiteQL-AP.exe** file to begin the installation.
3. Follow the installation wizard that appears.
4. At the License Agreement dialog, read the agreement. Click I Agree to continue with the installation.

NOTE: Several setup boxes may briefly appear during the installation. Follow the installation wizard that appears.

5. When the installation finishes, please restart the computer if needed.

### **VAIO Power Management**

1. Download the **VAIO\_Power\_Management.EXE** file to a temporary or download directory (please note this directory for reference).
2. Go to the directory where the file was downloaded and double-click the **VAIO\_Power\_Management.EXE** file to begin the installation.
3. Follow the installation wizard that appears.
4. At the License Agreement dialog, read the agreement. Click I Agree to continue with the installation.

NOTE: Several setup boxes may briefly appear during the installation. Follow the installation wizard that appears.

5. When the installation finishes, please restart the computer if needed.

### **VAIO Update**

1. Download the **VAIO\_Update.exe** file to a temporary or download directory (please note this directory for reference).
2. Go to the directory where the file was downloaded and double-click the **VAIO\_Update.exe** file to begin the installation.
3. Follow the installation wizard that appears.
4. At the License Agreement dialog, read the agreement. Click I Agree to continue with the installation.

NOTE: Several setup boxes may briefly appear during the installation. Follow the installation wizard that appears.

5. When the installation finishes, please restart the computer if needed.

### **Wireless Switch Setting Utility**

1. Download the **Wireless\_Switch\_Setting\_UTILITY.EXE** file to a temporary or download directory (please note this directory for reference).
2. Go to the directory where the file was downloaded and double-click the **Wireless\_Switch\_Setting\_UTILITY.EXE** file to begin the installation.
3. Follow the installation wizard that appears.
4. At the License Agreement dialog, read the agreement. Click I Agree to continue with the installation.

NOTE: Several setup boxes may briefly appear during the installation. Follow the installation wizard that appears.

5. When the installation finishes, please restart the computer if needed.

### **TPM Utilities**

1. Download the **TPM-UTILITY.EXE** file to a temporary or download directory (please note this directory for reference).
2. Go to the directory where the file was downloaded and double-click the **TPM-UTILITY.EXE** file to begin the installation.
3. Follow the installation wizard that appears.
4. At the License Agreement dialog, read the agreement. Click I Agree to continue with the installation.

NOTE: Several setup boxes may briefly appear during the installation. Follow the installation wizard that appears.

5. When the installation finishes, please restart the computer if needed.