

# Installation procedure

H-2007-0449

24-Sep-09

Software name - Details	File name	Ahead developing folder	Installation procedure	Installation procedure - details	Related driver etc.	Related driver etc. - details	Notice
Asset Tag Entry Application	assettag_1930_11_d070564.exe	c:\util2\assettag	Others	The installation is unnecessary. Only the execution of exe.	yes	Panasonic Misc Driver, Panasonic Common Components	"Panasonic Misc Driver" and "Panasonic Common Components Application" are installed previously.
Battery Recalibration Application	brecal_1930_11_d070305.exe	c:\util2\brecal	Executing "setup.exe"		yes	Panasonic Misc Driver, Panasonic Common Components	"Panasonic Misc Driver" and "Panasonic Common Components Application" are installed previously.
CF-VEB181/CF-WEB301M LAN Driver (Update)	pr_lan_1930_11_d071413.exe	c:\util2\drivers\pr_lan	Executing "setup.exe"	<a href="http://pc-dl.panasonic.co.jp/cgi-bin/itn/toughbook/dl02.cgi?main=9088">http://pc-dl.panasonic.co.jp/cgi-bin/itn/toughbook/dl02.cgi?main=9088</a>	no		
Display Rotation Tool Application	disprot_19_1_d070805.exe	c:\util2\disprot	Executing "setup.exe"		yes	Video Driver, Touchscreen Driver, Touch Pad, Panasonic Misc Driver, Panasonic Common Components <only for North America Wireless LAN Model without Wireless WAN > <only for Global Wireless LAN Model without Wireless WAN > Wireless Switch Utility Application Intel Proset Application (in Wireless LAN Driver)	"Panasonic Misc Driver" and "Panasonic Common Components Application" are installed previously.
DMI Viewer Application	dmi_1930_11_d060603.exe	c:\util2\dmi	Executing "setup.exe"		yes	Panasonic Misc Driver, Panasonic Common Components	"Panasonic Misc Driver" and "Panasonic Common Components Application" are installed previously.
Fingerprint Driver	fngprint_1930_11_d061083.exe	c:\util2\drivers\fngprint	Others	1.Run [Update driver..] in the device manager. [Other devices]-[Biometric Coprocessor] 2.Make "miscfp" folder and copy "c:\util2\drivers\fngprint\miscfp\miscfp1.sys" in "c:\program files\panasonic\miscfp". 3.Run "c:\util2\drivers\fngprint\miscfp\miscfp1.jp".	no		Only the fingerprint model

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GPS Registry Patch Application	gps_1930_11_d070326.exe	c:\util2\gps	Others	<ol style="list-style-type: none"> <li>1. GPS is set to Auto with BIOS Setup.</li> <li>2. It shuts down at once by starting OS. - It is possible to shut down comparatively easily by pushing the power supply button under the left pushing Alt+Ctrl+Del.</li> <li>3. GPS is set to Disabled with BIOS Setup.</li> <li>4. OS is started. and skipenum.reg is executed.</li> <li>5. OS is ended once. GPS is set to Auto with BIOS Setup.</li> <li>6. OS is started.</li> </ol>	no		Please execute it for the GPS model.
GPS Registry Patch Application (Update)	gps_1930_11_d071424.exe	c:\util2\gps	Others	<ol style="list-style-type: none"> <li>1. GPS is set to Auto with BIOS Setup.</li> <li>2. It shuts down at once by starting OS. - It is possible to shut down comparatively easily by pushing the power supply button under the left pushing Alt+Ctrl+Del.</li> <li>3. GPS is set to Disabled with BIOS Setup.</li> <li>4. Reboot the computer. and skipenum.reg is executed.</li> <li>5. OS is ended once. GPS is set to Auto with BIOS Setup.</li> <li>6. Reboot the computer.</li> </ol>	no		Please execute it for the GPS model.
Hotkey Appendix Application	hkeyapp_1930_11_d061230.exe	c:\util2\hkeyapp	Executing "setup.exe"		yes	Panasonic Misc Driver,Panasonic Common Components,Hotkey Driver,Hotkey Setting, Wireless Switch Utility	"Panasonic Misc Driver" and "Panasonic Common Components Application" are installed previously.
Hotkey Driver	hotkey_1930_11_d060970.exe	c:\util2\drivers\hotkey	Executing [Update driver..] in the device manager	<ol style="list-style-type: none"> <li>1. It is confirmed that "[Other devices]-[Unknown device]-&gt;details-&gt;HardwareID" is "ACPINMAT0019".</li> <li>2. Executing [Update driver..] in the device manager.</li> <li>3. Selected "c:\util2\drivers\hotkey".</li> </ol>	yes	Panasonic Misc Driver,Panasonic Common Components,HotkeyAppendix , Hotkey Setting, Wireless Switch Utility	"Panasonic Misc Driver" and "Panasonic Common Components Application" are installed previously.
Hotkey Settings Application	hkeyset_19_1_d070184.exe	c:\util2\hkeyset	Executing "setup.exe"		yes	Panasonic Misc Driver,Panasonic Common Components,Hotkey Appendix,Hotkey Driver	- "Panasonic Misc Driver" and "Panasonic Common Components Application" are installed previously. - Install "Panasonic Common Components" and "Panasonic Misc Driver" before installing "Hotkey Appendix,Hotkey Driver"

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Intel(R) Extended Thermal Model Driver	etm_19_1_d070071.exe	c:\util2\drivers\etm	Executing "setup.exe"		no		
LAN Driver	lan_19_1_d061129.exe	c:\util2\drivers\lan	Executing [Update driver..] in the device manager	<p>1. Run [Update driver..] in the device manager. [Network adaptor]-[Realtek ...]</p> <p>2. Run "Update Driver Software...".</p> <p>3. Select "c:\util2\drivers\lan\WINVISTA32".</p> <p>4. Reboot the computer.</p> <p>5. Open "[Device Manager]-&gt;[Network adapters]-&gt;[Realtek RTL ~NIC]" property.</p> <p>6. Set up [Enable] on "Link Down Power Saving" and "Optimal Performance" of the detail setting.</p> <p>With pre-installation, It sets below.</p> <p>1. Double-clicking the [Control Panel]-[System and Maintenance]-[System]-[Hardware]-[Device Manager]-[Network adapters]-[Realtek RTL ~NIC].</p> <p>2. It double-clicks on [Network adapters] - [Realtek RTL ~NIC].</p> <p>3. The check is applied to [Power Management] - [Allow this device to wake the computer]. and "Only allow management</p>	no		
Loupe Utility Application	loupe_1930_11_d061222.exe	c:\util2\loupe	Executing "setup.exe"		yes	Panasonic Misc Driver,Panasonic Common Components	"Panasonic Misc Driver" and "Panasonic Common Components Application" are installed previously.
Modem Driver	modem_1930_11_d061090.exe	c:\util2\drivers\modem	Executing [Update driver..] in the device manager	<p>1. Run [Update driver] in the device manager. [Modems]-[In-Build Conexant Type 1 modem]</p> <p>2. Selecting "c:\util2\drivers\modem".</p>	yes	Sound Driver	Before installing "Sound Driver"
Panasonic Common Components Application	pcommon_1930_11_d070182.exe	c:\util2\pcommon	Executing "setup.exe"		yes	Relating driver and application.	Install "Panasonic Common Components" and "Panasonic Misc Driver" before installing "Relating driver and application"
Panasonic Hand Writing Application	writing_1930_11_d070206.exe	c:\util2\writing	Executing "setup.exe"		yes	Panasonic Misc Driver,Panasonic Common Components	"Panasonic Misc Driver" and "Panasonic Common Components Application" are installed previously.
Panasonic Misc Driver	newmisc_1930_11_d070385.exe	c:\util2\drivers\newmisc	Executing [Update driver..] in the device manager	<p>1. It is confirmed that "[Other devices]-[Unknown device]-&gt;details-&gt;Hardware IDs" is "ACPI\MAT0021".</p> <p>2. Executing [Update driver..] in the device manager.</p> <p>3. Selected "c:\util2\drivers\newmisc".</p>	yes	Relating driver and application.	Install "Panasonic Common Components" and "Panasonic Misc Driver" before installing "Relating driver and application"

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Panasonic Notification Application	pnotif_19_1_d070510.exe	c:\util2\pnotif	Executing "setup.exe"		yes	Panasonic Misc Driver, Panasonic Common Components	"Panasonic Misc Driver" and "Panasonic Common Components Application" are installed previously.
PC Information Viewer Application	pcinfo_1930_11_d070063.exe	c:\util2\pcinfo	Executing "setup.exe"		yes	Panasonic Misc Driver, Panasonic Common Components	"Panasonic Misc Driver" and "Panasonic Common Components Application" are installed previously.
PC Information Viewer Application (Update)	pcinfo_d071151.exe	c:\util2\pcinfo	Others	<a href="http://pc-dl.panasonic.co.jp/cgi-bin/itn/toughbook/dl02.cgi?main=9541">http://pc-dl.panasonic.co.jp/cgi-bin/itn/toughbook/dl02.cgi?main=9541</a>	yes	Panasonic Misc Driver, Panasonic Common Components	"Panasonic Misc Driver" and "Panasonic Common Components Application" are installed previously.
SD Secure DLL Driver	sda_1930_11_d061045.exe	c:\util2\drivers\sda	Others	1. Make "sda" folder in "C:\Windows\system32". 2. Copy "C:\UTIL2\drivers\sda\sdapabus.dll" to "C:\Windows\system32\sda".	no		
Sound Driver	sound_1930_11_d070622.exe	c:\util2\drivers\sound	Executing [Update driver..] in the device manager	1. Run [Update driver..] in the device manager. [Device manager]-[Sound, Video, and game controllers]-[High Definition Audio device] 2. Select "c:\util2\drivers\sound\WDM".	yes	Modem Driver	
Tablet Button Manager Application	meitbman_19_1_d070333.exe	c:\util2\meitbman	Executing "setup.exe"		yes	Panasonic Misc Driver, Panasonic Common Components, Tablet Buttons Driver	"Panasonic Misc Driver" and "Panasonic Common Components Application" are installed previously.
Tablet Buttons Driver	meitbtn_19_1_d070663.exe	c:\util2\drivers\meitbtn	Executing [Update driver..] in the device manager	1. It is confirmed that "[Other devices]-[Unknown device]->details->HardwareID" is "ACPIMAT001F". 2. Executing [Update driver..] in the device manager. 3. Selected "c:\util2\drivers\meitbtn".	yes	Panasonic Misc Driver, Panasonic Common Components, Tablet Button Manager	- "Panasonic Misc Driver" and "Panasonic Common Components Application" are installed previously. - Please execute "util2\drivers\meitbtn\standard.bat" after installing "Tablet Buttons Driver".
Touch Pad Driver	mouse_1930_11_d070304.exe	c:\util2\drivers\mouse	Executing [Update driver..] in the device manager	1. Run [Update driver..] in the device manager. [Mice and other pointing devices]-[PS/2 Compatible Mouse] 2. Select "c:\util2\drivers\mouse".	yes	Touchscreen Driver	Install "Touchscreen Driver" first. - CF-19 Digitizer Model <CF-19[C/D/E]DxxxJx> is excluded.

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Touchscreen Driver	tscreen_1930_11_d070150.exe	c:\util2\drivers\tscreen	Others	1. Run "c:\util2\drivers\tscreen\ftsetup.exe" The driver is installed with OK. 2. Do calibration from [start]-[Control Panel]-[Additional Options]-[Touch Calibration].	yes	Touch Pad Driver	Install "Touchscreen Driver" before installing "Touch Pad Driver".
TPM Driver	tpm_1930_11_d070328.exe	c:\util2\drivers\tpm	Others		no		In the state of factory shipment, it has only put on "c:\util". (Installation is not done.)
TPM Driver (Update)	tpm_d080275.exe		Others	<a href="http://pc-dl.panasonic.co.jp/cgi-bin/itn/toughbook/dl02.cgi?main=12024">http://pc-dl.panasonic.co.jp/cgi-bin/itn/toughbook/dl02.cgi?main=12024</a>	no		
Video Driver	video_1930_11_d070569.exe	c:\util2\drivers\video	Others	1. Executing "setup.exe" 2. Reboot the computer. 3. Executing "[Start] - [All Programs] - [Accessories] - [Command Prompt]" with "Run as administrator(Selection from right-clicking)". 4. "Continue" is clicked to "UAC". 5. Run "util2\drivers\video\IntelVGA.js". 6. Reboot the computer.	no		
Wireless LAN Driver	wlan_19_1_d070379.exe	c:\util2\drivers\wlan	Others	Driver Installation Install driver -> c:\util2\drivers\wlan\Apps\iProlnst.exe (Select Typical (Standard) as for Setup Type)) Reboot the computer.	yes	Wireless Switch Utility <only for North America Wireless LAN Model without Wireless WAN > <only for Global Wireless LAN Model without Wireless WAN > Intel Proset Application (in Wireless LAN Driver) Display Rotation Tool Application	Only wireless LAN model can develop.
Wireless LAN Driver (Update)	wlan_d080216.exe		Others	<a href="http://pc-dl.panasonic.co.jp/cgi-bin/itn/toughbook/dl02.cgi?main=11804">http://pc-dl.panasonic.co.jp/cgi-bin/itn/toughbook/dl02.cgi?main=11804</a>	yes	Wireless Switch Utility <only for North America Wireless LAN Model without Wireless WAN > <only for Global Wireless LAN Model without Wireless WAN > Intel Proset Application (in Wireless LAN Driver) Display Rotation Tool Application	

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Wireless LAN Driver (Latest Update)	wlan_d091051.exe			<a href="http://pc-dl.panasonic.co.jp/cgi-bin/itn/toughbook/dl02.cgi?main=16616">http://pc-dl.panasonic.co.jp/cgi-bin/itn/toughbook/dl02.cgi?main=16616</a>			
Wireless Switch Utility Application	wswitch_19_1_d070650.exe	c:\util2\wswitch	Executing "setup.exe"		yes	Hotkey Driver, Hotkey Appendix, Bluetooth Driver, Wireless LAN Driver, Panasonic Common Components, Panasonic Misc Driver <only for North America Wireless LAN Model without Wireless WAN > <only for Global Wireless LAN Model without Wireless WAN > Display Rotation Tool Application Intel Proset Application (in Wireless LAN Driver)	- "Panasonic Misc Driver" and "Panasonic Common Components Application" are installed previously. - - Install "Panasonic Common Components" and "Panasonic Misc Driver" before installing "Hotkey Appendix, Hotkey Driver"