

Installation procedure

H-2007-0186

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	assettag_19_1_d060482.exe	c:\util2\assettag	Others	Installation is unnecessary.	no		This tool uses "exe" after it develops as it is.
Battery Recalibration	brecal_19_1_d060084.exe	c:\util2\brecal	Executing "setup.exe"		no		
CF-VEB181 LAN Driver	pr_lan_19_1_d040686.exe	c:\util2\drivers\pr_lan	Executing [Update driver..] in the device manager	([Other devices]-[USB Device])	no		
CPU Idle Setting	cpupower_19_1_d030520.exe	c:\util2\cpupower	Executing "setup.exe"		no		In the state of factory shipment, it has only put on "c:\util". (Installation is not done.)
Display Rotation Tool	disprot_19_1_d060665.exe	c:\util2\disprot	Executing "setup.exe"		no		
DMI Viewer	dmi_19_1_d060603.exe	c:\util2\dmi	Executing "setup.exe"		no		
Fingerprint Driver	fngprint_19_1_d060304.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.js".	no		Only the fingerprint model
GPS Registry Patch	gps_19_1_d060747.exe	c:\util2\gps	Others	1. GPS is set to Disabled with BIOS Setup. 2. OS is started. and skipenum.reg is executed. 3. OS is ended once. GPS is set to Auto with BIOS Setup. 4. OS is started.	no		Please execute it for the model by whom GPS is installed.
Hotkey Appendix	hkeyapp_19_1_d060570.exe	c:\util2\hkeyapp	Executing "setup.exe"		yes	Hotkey Driver, Hotkey Settings	
Hotkey Driver	hotkey_19_1_d060306.exe	c:\util2\drivers\hotkey	Executing [Update driver..] in the device manager	[Other devices]-[Unknown device]	yes	Hotkey Settings, Hotkey Appendix	
Hotkey Settings	hkeyset_19_1_d040706.exe	c:\util2\hkeyset	Executing "setup.exe"		yes	Hotkey Driver, Hotkey Appendix	
Icon Enlarger	ienlarge_19_1_d040234.exe	c:\util2\ienlarge	Executing "setup.exe"		no		
Intel Extended Thermal Model Driver	etm_19_1_d060821.exe	c:\util2\drivers\etm	Others	1. Executing "setup.exe" 2. With all defaults it advances to completion.	no		
LAN Driver	lan_19_1_d060140.exe	c:\util2\drivers\lan	1. Executing [Update driver..] in the device manager 2. Reboot the computer.	1. Run [Update driver..] in the device manager. [Network adaptor]-[Realtek RTL8139 Family PCI Fast Ethernet NIC] 2. [Advanced] tab of "Properties" is selected. 3. Set up [Enable] on "Link Down Power Saving".	no		
Loupe Utility	loupe_19_1_d040758.exe	c:\util2\loupe	Executing "setup.exe"		no		
Matrix storage Manager	ahci_19_1_d051075.exe	c:\util2\drivers\ahci	Executing "setup.exe"		no		When clean installing it, "S-ATA HDD Driver" is necessary.

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Modem Driver	modem_19_1_d060305.exe	c:\util2\drivers\modem	Executing [Update driver..] in the device manager	1. Run [Update driver..] in the device manager. [Device manager]-[Other devices]-[Modem Device on High Definition Audio Bus] 2. Selecting [Advanced]-[Advanced Port Settings...]. 3. Selecting [COM Port Number]-[COM5]. 4. The check on [PowerManagement] - [Allow this device to bring the computer out of standby .jis removed.	no		It is necessary to install "Q888111" before this driver is installed.
MS Update Module(Q888111)	q888111_d050984.exe	c:\util2\msupdate\q888111	Others	1. Executing "kb888111xpsp2.exe" 2. It installs it according to the screen display.	yes	HD Audio Driver(Sound,Modem)	Only English edition XP SP2 correspondence. In order to use HD Audio Driver with XP SP2, installation of this module is needed.
MS Update Module(Q888111)	q888111_d060227.exe	c:\util2\msupdate\q888111	Others	1. Executing "kb888111xpsp2.exe" 2. It installs it according to the screen display.	yes	HD Audio Driver(Sound,Modem)	Only English edition XP SP2 correspondence. In order to use HD Audio Driver with XP SP2, installation of this module is needed.
MS Update Module(Q888111)	q888111_d060733.exe	c:\util2\msupdate\q888111	Others	1. Executing "kb888111xpsp2.exe" 2. It installs it according to the screen display.	yes	HD Audio Driver(Sound,Modem)	Only English edition XP SP2 correspondence. In order to use HD Audio Driver with XP SP2, installation of this module is needed.
OS INF File Driver	inf_19_1_d051100.exe	c:\intelinf	Executing "setup.exe"		no		
Panasonic Common Components (Addition)	pcommon_19_1_d070182.exe	c:\util2\pcommon	Executing "setup.exe"		yes	Panasonic Misc Driver S (Addition),Wireless Switch Utility (Update)	Install "Panasonic Common Components (Addition)" before installing "Wireless Switch Utility (Update)"
Panasonic Misc Driver S (Addition)	miscinst_19_1_d070425.exe	c:\util2\miscinst	Executing "setup.exe"		yes	Panasonic Common Components (Addition),Wireless Switch Utility (Update)	Install "Panasonic Misc Driver S (Addition)" before installing "Wireless Switch Utility (Update)"
PC Information Viewer	pcinfo_19_1_d060666.exe	c:\util2\pcinfo	Executing "setup.exe"		no		
Recover Pro	rcvpro_19_1_d060793.exe	c:\util2\rcvpro	Executing "setup.exe"		no		In the state of factory shipment, it has only put on "c:\util". (Installation is not done.)

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S-ATA HDD driver	f6fd_d060267.exe	c:\util2\drivers\f6fd	Others	http://pc-dl.panasonic.co.jp/cgi-bin/itn/toughbook/dl02.cgi?main=10101	yes	Matrix Strage Manager	Only in the case of Windows XP clean install, this installation is necessary first. Select "Intel(R) 82801GBM SATA AHCI Controller (Mobile ICH7M)" at a scene to select the driver which install.
SD Secure DLL driver	sda_19_1_d040777.exe	c:\util2\drivers\sda	Others	Make SDA folder and copy "C:\UTIL2\drivers\sda\sdapabus.dll" in "C:\Windows\System32\sda".	yes	SD Utility	
SD Utility	sdkey_19_1_d060061.exe	c:\util2\sdkey	Executing "setup.exe"		yes	SD Secure DLL	
Sound Driver	sound_19_1_d060961.exe	c:\util2\drivers\sound	Executing "setup.exe"		no		It is necessary to install "MS Update Module(Q888111)" before this driver is installed.
Sound Driver (Update)	sound_19_1_d061238.exe	c:\util2\drivers\sound	Executing [Update driver..] in the device manager	[Other devices]-[Audio Device on high Definition Audio Bus]	no		It is necessary to install "MS Update Module(Q888111)" before this driver is installed.
Tablet Button Manager	meitbman_19_1_d030326.exe	c:\util2\meitbman	Executing "setup.exe"		yes	Tablet Buttons Driver	
Tablet Buttons Driver	meitbtn_19_1_d030421.exe	c:\util2\drivers\meitbtn	Executing [Update driver..] in the device manager	[Other devices]-[Unknown device]	yes	Tablet Button Manager	Install after installing Tablet Buttons Driver. Run "c:\util2\drivers\meitbtn\standard.bat".
Touch Pad Driver	mouse_19_1_d060584.exe	c:\util2\drivers\mouse	Executing [Update driver..] in the device manager	([Mice and other pointing devices]-[PS/2 Compatible Mouse])	no		
TPM driver	tpm_19_1_d051137.exe	c:\util2\drivers\tpm	Executing [Update driver..] in the device manager	[Other devices]-[Unknown device]	no		
Video Driver	video_19_1_d060852.exe	c:\util2\drivers\video	Others	<ol style="list-style-type: none"> 1. Run "C:\util2\drivers\video\Setup.exe". 2. Reboot the computer. 3. Run "C:\util2\drivers\video\IntelVGA.js". 4. Reboot the computer. 5. [Display Settings] tab of [Graphics Propeties] is selected. 6. [Power Settings] is clicked. 7. The check on [Intel(R) Display Power Saving Technology] is removed. 	no		

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Wireless LAN Driver	wlan_19_1_d060223.exe	c:\util2\drivers\wlan	Others	1. Run "c:\util2\drivers\wlan\Apps\install.bat". 2. Select "Install Software". 3. Select "Typical" as for Setup Type. 4. Reboot the computer. 5. Select [Other devices]-[Network adapters]-[Intel(R) Pro/Wireless 3945ABG Network Connection]-[Properties]-[Advanced] 6. The check is removed from the [Property]-[Wireless Mode] of [Use default value]. 7. It sets it to "801.11b and 802.11g" in the list.	yes	Wireless Switch Utility	Only wireless LAN model can develop.
Wireless LAN Driver (Update)	wlan_d080215.exe		Others	http://pc-dl.panasonic.co.jp/cgi-bin/itn/toughbook/dl02.cgi?main=11745	no		
Wireless LAN Driver (Latest Update)	wlan_d091050.exe			http://pc-dl.panasonic.co.jp/cgi-bin/itn/toughbook/dl02.cgi?main=16616			
Wireless Switch Utility	wswitch_19_1_d060753.exe	c:\util2\lswitch	Executing "setup.exe"		yes	Hotkey Driver, Hotkey Appendix, Bluetooth Driver, Wireless LAN Driver	If "Hotkey Driver", "Hotkey Appendix" is not installed, it is not possible to use it.
Wireless Switch Utility (Update)	wswitch_19_1_d070497.exe	c:\util2\lswitch	Executing "setup.exe"		yes	Hotkey Driver, Hotkey Appendix, Bluetooth Driver, Wireless LAN Driver, Panasonic Misc Driver S (Addition), Panasonic Common Components (Addition)	Install "Hotkey Driver, Hotkey Appendix, Panasonic Common Components (Addition) and Panasonic Misc Driver S (Addition)" before installing "Wireless Switch Utility (Update)" (It is not necessary to think about the installation order.)