

CF-53J/L/M (Windows XP Pro SP3 for German)

Installation Instructions for All CF-53 Drivers and Utilities

This document shows the correct order of installing all CF-53 drivers and applications

Order	Driver Type	File Name	Unpacked Directory	Installation Procedure	Dependencies	Version	Release Date	Required	Microsoft Signed	Comments
1	S-ATA HDD Driver	SATAFloppyConfigUtil_v11.1.0.1006_53J_53L_53M_XP_ss11192.exe	c:\util2\drivers\if6fd	http://pc-dl.panasonic.co.jp/dl/docs/61648		11.1.0.1006	10/18/12	Mandatory	No	At first stage to install drivers of Windows Clean Install, select "Intel(R) Mobile Express Chipset SATA AHCI Controller" by arrow keys.
2	GPS Registry patch	GPSRegistryPatch_v1.0011_53J_53L_53M_XP_ss11155.exe	c:\util2\drivers\gps	1. Set GPS to Disabled in BIOS Setup. 2. Reboot PC and execute "c:\util2\drivers\gps\GPS.reg". 3. Set GPS to Auto in BIOS Setup. 4. Reboot PC		V1.00L11M00	10/18/12	Mandatory	No	Please use it only for the GPS Model.
3	OS INF File	OSINFFileDriver_v9.3.0.1019_53J_53L_53M_XP_ss11148.exe	c:\util2\drivers\intelinf	pininstall.bat execution.		9.3.0.1019	10/18/12	Mandatory	No	Please install OS INF file before installing all drivers and all applications.
4	Panasonic Misc Driver	PanasonicMiscDriver_v1.3.1100.100_53J_53L_53M_XP_ss11154.exe	c:\util2\drivers\newmisc	pininstall.bat execution.		1.3.1100.100	10/18/12	Mandatory	Yes	Install "Panasonic Misc Driver" and "Common Components for Panasonic PC" before installing "Relating driver and application". Two or more "[Other devices]-[Unknown device]" might exist. "Panasonic Misc Driver" is displayed with "ACPI\MAT0021" by "Device Instance Id" of "[Unknown device]->[Details]".
5	Common Components for Panasonic PC	PanasonicCommonComponents_v3.00113_53J_53L_53M_XP_ss11153.exe	c:\util2\pcommon	pininstall.bat execution.		V3.00L13 M00	10/18/12	Mandatory	No	Install "Common Components for Panasonic PC" and "Panasonic Misc Driver" before installing "Relating driver and application".
6	Intel(R) Rapid Storage Technology	RapidStorageTechnologyDriver_v11.1.0.1006_53J_53L_53M_XP_ss11151.exe	c:\util2\drivers\rst	pininstall.bat execution.		11.1.0.1006	10/18/12	Mandatory	No	
7	Intel(R) Dynamic Platform and Thermal Framework 6.0	DynamicPowerPerfMgmtDriver_v6.0.2.1071(hotfix2pv)_53J_53L_53M_XP_ss11149.exe	c:\util2\drivers\letm	pininstall.bat execution.		6.0.2.1071 (HotFix2 PV)	10/18/12	Mandatory	Yes	
8	Intel Management Engine Software	MeIntelDriver_v8.0.3.1427_53J_53L_53M_XP_ss11150.exe	c:\util2\drivers\ime	pininstall.bat execution.	.NET Framework 3.5 or above	8.0.3.1427	10/18/12	Mandatory	Yes	



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Order	Driver Type	File Name	Unpacked Directory	Installation Procedure	Dependencies	Version	Release Date	Required	Microsoft Signed	Comments
9	Video Driver	VideoDriver_v6.14.10.5407_53J_53L_53M_XP_ss11152.exe	c:\util2\drivers\video	pininstall.bat execution.		6.14.10.5407	10/18/12	Mandatory	Yes	
10	DVD Multi Driver	DVDMultiDriver_ita0010-rc_53J_53L_53M_XP_ss11156.exe	c:\util2\drivers\ramdrv	pininstall.bat execution. pininstall.bat installs English version. Please execute setup.exe from appropriate language folder in "c:\util\drivers\ramdrv".		ITA0010-RC	10/18/12	Mandatory	No	It becomes the one for DVD MULTI drive. It is unnecessary in "COMBO" drive and "DVD-ROM" drive. Please start installation work after turning on a drive power supply. It is necessary for DVD Multi Drive. Please make sure the drive is turned on before installing this driver.
11	2nd LAN Driver	2ndLANDriver_v2.4.8.0_53J_53L_53M_XP_ss11157.exe	c:\util2\drivers\ex-lan\smc	pininstall.bat execution.		v2.4.8.0	10/18/12	Mandatory	Yes	
12	Touch Pad Driver	TouchPadDriver_v15.1.22_53J_53L_53M_XP_ss11158.exe	c:\util2\drivers\mouse_s	pininstall.bat execution.		15.1.22	10/18/12	Mandatory	Yes	
13	Bluetooth Stack	BluetoothStackDriver_ver9.00.04b(p)_53J_53L_53M_XP_ss11668.exe	c:\util2\drivers\bluet	pininstall.bat execution.	Wireless Switch Utility	Ver9.00.04b(P)	10/18/12	Mandatory	Yes	It is not possible to develop by the Bluetooth non-installing model. The module cannot be progressed by turning off "Wireless Switch". "Wireless Switch" turn "ON", and perform and develop.
14	Modem Driver	ModemDriver_v7.80.3.0_53J_53L_53M_XP_ss11160.exe	c:\util2\drivers\modem	pininstall.bat execution.	Sound Driver	7.80.3.0	10/18/12	Mandatory	Yes	It is necessary to install beforehand following MS revision module (Q888111) to install this driver in XP than SP2 first. Install "Sound Driver" first.
15	Hotkey Driver	HotkeyDriver_v11.2.1100.0_53J_53L_53M_XP_ss11163.exe	c:\util2\drivers\hotkey	pininstall.bat execution.		11.2.1100.0	10/18/12	Mandatory	Yes	Two or more "[Other devices]-[Unknown device]" might exist. "Hotkey Driver" is displayed with "ACPI\MAT00191..." by "Device Instance Id" of "[Unknown device]-[Details]". Attention: If "System Interface Manager" is not installed, the icon is not displayed.
16	Hotkey Settings	HotkeySettingUtil_v3.00111_53J_53L_53M_XP_ss11165.exe	c:\util2\hkeyset	pininstall.bat execution.	System Interface Manager, Hotkey Driver	V3.00L11 M00	10/18/12	Recommend	No	Install "System Interface Manager" and "Hotkey Driver" first.

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Installation Instructions for All CF-53 Drivers and Utilities

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Order	Driver Type	File Name	Unpacked Directory	Installation Procedure	Dependencies	Version	Release Date	Required	Microsoft Signed	Comments
17	System Interface Manager	SystemInterfaceMgrApp_v11.01111_53J_53L_53M_XP_ss11167.exe	c:\util2\sysifman	pininstall.bat execution.	Hotkey Driver	V11.01L11 M00	10/18/12	Mandatory	No	Install "Hotkey Driver" first.
18	TPM Driver	TPMDriver_v3.5sp1_53J_53L_53M_XP_ss11173.exe	c:\util2\drivers\tpm	pininstall.bat execution.		V3.5SP1	10/18/12	Mandatory	Yes	Please see the manual(C:\util2\drivers\tpm\README.PDF) concerning TPM about detailed use. However, the manual cannot be referred to if Acrobat Reader is not installed. Please read and change the description of "C:\util" of the manual into customer's development folder(C:\util2). The application program is not installed in the state of the factory shipment. Please install from "C:\util2\drivers\tpm\inf\neon\setup.exe" and use it when you use the application program.
19	Touchscreen Driver	TouchscreenDriver_v1.0.0.4_53J_53L_53M_XP_ss11174.exe	c:\util2\drivers\tscreen	1. Run "c:\util2\drivers\tscreen\ftsetup.exe" The driver is installed with OK. 2. Do calibration from [start]-[All Programs]-[Fujitsu Touch Panel(USB)]-[Touch Screen Calibration Utility]. 3. "Calibration" button - "Save&Exit" button is pushed. or pininstall.bat execution.		1.0.0.4	10/18/12	Mandatory	Yes	
20	LAN Driver	LanDriver_v11.15.16.3261_53J_53L_53M_XP_ss11676.exe	c:\util2\drivers\lan	pininstall.bat execution.		11.15.16.3261	10/18/12	Mandatory	Yes	
21	SD Driver	SDDriver_v6.10.10.28_53J_53L_53M_XP_ss11176.exe	c:\util2\drivers\sd_ri	pininstall.bat execution. Copy "c:\util2\drivers\sd\sdpabus.dll" in "C:\Windows\System32\sda".		6.10.10.28	10/18/12	Mandatory	Yes	
22	Fingerprint Driver	FingerprintDriver_v2011build7080_53J_53L_53M_XP_ss11673.exe	c:\util2\drivers\fnprint	pininstall.bat execution. *application is not installed [When install application] Run "c:\util2\drivers\fnprint\install\32-bit\Setup.exe", (32bit)		2011 build7080	10/18/12	Mandatory	Yes	It is not possible to develop besides the model with built-in the fingerprint attestation.

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23	Wireless LAN Driver (Intel Wireless LAN model) [This file can be installed only to WLAN model]	WirelessLanDriver_muroc15.1.1.0_wifi_pv_ticthwfw0927g_53J_53L_53M_XP_ss11641.exe	c:\util2\drivers\wlan	pininstall.bat execution.		Muroc 15.1.1.0_WiFi_PV_TICTHWFW0927G	10/18/12	Mandatory	Yes	
24	WWAN Driver (F5521gw) Package	F5521gw(Ericsson)WWANDriver_v1.07110_53J_53L_53M_XP_ss11182.exe	c:\util2\drivers\wwan	pininstall.bat execution.		V1.07L10M00	10/18/12	Mandatory	Yes	Only Ericsson WWAN model can develop.
25	MS Update Module(Q888111)	MSUpdateModule(de)_q888111_53J_53L_53M_XP_ss5644.exe	c:\util2\msupdate\q888111	Executing "kb888111xpsp2.exe" It installs it according to the screen display.	HD Audio Driver(Sound,Modem)	Q888111	10/18/12	Mandatory	No	Only German edition XP SP2 correspondence. Related to HD Audio Driver in Windows XP SP2 German Edition
26	Sound Driver	SoundDriver_v6.0.1.6591_53J_53L_53M_XP_ss11184.exe	c:\util2\drivers\sound	pininstall.bat execution. It is necessary to reboot after having carried out pininstall.bat.		6.0.1.6591	10/18/12	Mandatory	Yes	
27	Smart Card Driver	SmartCardDriver_v4.49.0.0_53J_53L_53M_XP_ss11185.exe	c:\util2\drivers\smartc	pininstall.bat execution.		V4.49.0.0	10/18/12	Mandatory	Yes	Please install only a model with "Smart Card".
28	Wireless WAN Manager	WirelessWANManagerUtil_v7.1.0.2_53J_53L_53M_XP_ss11186.exe	c:\util2\wwanm	pininstall.bat execution.		V7.1.0.2	10/18/12	Mandatory	No	".NET-Framework 3.5 SP1" are installed previously.
29	Wireless LAN Driver (Atheros Wireless LAN model) [This file can be installed only to WLAN model]	WirelessLanDriver_xp_9.2.0.489(aku_8.0.0.212)_53J_53L_53M_XP_ss11191.exe	c:\util2\drivers\wlan_a	pininstall.bat execution.		XP_9.2.0.489(AKU:8.0.0.212)	10/18/12	Mandatory	No	
30	Battery Recalibration	BatteryRecalibrationUtil_v2.03112_53J_53L_53M_XP_ss11161.exe	c:\util2\lbreca	pininstall.bat execution.	Panasonic Misc Driver, Common Components for Panasonic PC	V2.03L12 M00	10/18/12	Recommend	No	"Panasonic Misc Driver" and "Common Components for Panasonic PC" are installed previously.

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Order	Driver Type	File Name	Unpacked Directory	Installation Procedure	Dependencies	Version	Release Date	Required	Microsoft Signed	Comments
31	Hand Writing Utility	PanasonicHandWritingApp_v5.05110_53J_53L_53M_XP_ss11162.exe	c:\util2\writing	pininstall.bat execution.	Panasonic Misc Driver, Common Components for Panasonic PC	V5.05L10 M00	10/18/12	Recommend	No	
32	PC Information Viewer	PCInfoViewerApp_v7.07112_53J_53L_53M_XP_ss11671.exe	c:\util2\pcinfo	pininstall.bat execution.	Common Components for Panasonic PC, Panasonic Misc Driver	V7.07L12 M00	10/18/12	Recommend	No	"Panasonic Misc Driver" and "Common Components for Panasonic PC" are installed previously.
33	USB Selective Suspend Manager	USBSelectiveSuspendMgrApp_v2.02110_53J_53L_53M_XP_ss11168.exe	c:\util2\selsussv	pininstall.bat execution.		V2.02L10 M01	10/18/12	Recommend	No	
34	Wireless Switch Utility [This file can be installed only to WLAN model]	WirelessSwitchUtil_v4.11112_53J_53L_53M_XP_ss11170.exe	c:\util2\lswitch	pininstall.bat execution.	Panasonic Misc Driver, Panasonic Common Components, Wireless LAN Driver, System Interface Manager, Hotkey Driver, Bluetooth Stack	V4.11L12 M00	10/18/12	Recommend	No	"Panasonic Misc Driver" and "Common Components for Panasonic PC" are installed previously. Install "System Interface Manager" and "Hotkey Driver". (However, execute "Panasonic Misc Driver" and "Common Components for Panasonic PC".) When "Wireless LAN Switch" or "Bluetooth Switch" enters, please uninstall earlier.
35	Display Selector	DisplaySelectorUtil_v1.00112_53J_53L_53M_XP_ss11172.exe	c:\util2\dispel	pininstall.bat execution.	Panasonic Misc Driver, Common Components for Panasonic PC, PC Information Viewer	V1.00L12 M00	10/18/12	Recommend	No	"Panasonic Misc Driver" and "Common Components for Panasonic PC" are installed previously. Install "PC Information Viewer". (However, execute "Panasonic Misc Driver" and "Common Components for Panasonic PC".) Manual (README.pdf) cannot be referred to if Adobe Reader is not installed.
36	Camera Utility	PanasonicCameraUtil_v3.05111_53J_53L_53M_XP_ss11179.exe	c:\util2\pcam	pininstall.bat execution.	Panasonic Misc Driver, Common Components for Panasonic PC	V3.05L11 M00	10/18/12	Optional	No	Install Camera Driver before installing this software. (For Model that needs Camera Driver.) Install "Camera Light Switch Utility" before installing "Relating application". (For Camera Light model.)
37	Dashboard for Panasonic PC	PanasonicDashboardApp_v2.05110_c_53J_53L_53M_XP_ss11180.exe	c:\util2\dashboard53	pininstall.bat execution.	Panasonic Misc Driver, Common Components for Panasonic PC, GPS Viewer	V2.05L10C M00	10/18/12	Recommend	No	"Panasonic Misc Driver" and "Common Components for Panasonic PC" are installed previously. Install "System Interface Manager" first. (Confirmation of "Battery Recalibration" is not possible.)

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38	GPS Viewer	GPSViewerApp_v1.02112_53J_53L_53M_XP_ss11183.exe	c:\util2\GPSState	pinstall.bat execution.		V1.02L12M00	10/18/12	Recommend	No	
39	Wireless WAN Antenna Switch Utility	WirelessAntennaSwitchUtil_v3.0011_53J_53L_53M_XP_ss11190.exe	c:\util2\wwanasw	pinstall.bat execution.		V3.00L11 M00	10/18/12	Recommend	No	
40	Wireless Connection Disable Utility	WirelessConnDisableUtil_v1.07111_53J_53L_53M_XP_ss11169.exe	c:\util2\wdisable	pinstall.bat execution.	Panasonic Misc Driver, Wireless Switch Utility	V1.07L11 M00	10/18/12	Recommend	No	"Panasonic Misc Driver" and "Common Components for Panasonic PC" are installed previously. Install "Wireless Switch Utility". (However, execute "Panasonic Misc Driver" and "Common Components for Panasonic PC".) In the state of factory shipment, it has only put on "c:\util". (Installation is not done.)
41	External Antenna Setting Utility	ExternalAntennaSettingUtil_v1.02110_53J_53L_53M_XP_ss11181.exe	c:\util2\lexantset	Please put the zip file on an arbitrary folder and defrost.		V1.02L10 M00	10/18/12	Optional	No	
42	Asset Tag Entry	AssetTagEntryUtil_v4.00110_53J_53L_53M_XP_ss11187.exe	c:\util2\assettag	The installation is unnecessary. Only the execution of exe.	Panasonic Misc Driver	V4.00L10 M00	10/18/12	Recommend	No	Please finish all application before carrying out this application.
43	Automatic Defragmentation Setting Utility	AutoDefragSettingUtil_v1.03110_53J_53L_53M_XP_ss11188.exe	c:\util2\setdfrg	The installation is unnecessary. Only the execution of exe.		V1.03L10 M00	10/18/12	Recommend	No	
44	CPU Idle Setting	CPUIdleSettingUtil_v1.01111_53J_53L_53M_XP_ss11189.exe	c:\util2\cpupower	pinstall.bat execution.		V1.01L11 M00	10/18/12	Recommend	No	In the state of factory shipment, it has only put on "c:\util\cpupower". (Installation is not done.)

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Order	Driver Type	File Name	Unpacked Directory	Installation Procedure	Dependencies	Version	Release Date	Required	Microsoft Signed	Comments
-	Hotkey Driver with apps.	HotkeysCollectiveSettingApp_v11.2.1100.0_v11.0111_v3.00111_53J_53L_53M_XP_ss11164.exe	c:\util2\drivers\hotkeyw a	Installation by INF or pinstall.bat execution.		11.2.1100.0/V11 .01L11 M00/V3.00L11 M00	10/18/12	Optional	Yes	Hotkey Driver with apps. is the INF style installer to install Hotkey Driver, System Interface Manager and Hotkey Settings. You can use this installer if you are inevitable to install these softwares by INF. Two or more "[Other devices]-[Unknown device]" might exist. "Hotkey Driver" is displayed with "ACPI\MAT0019\..." by "Device Instance Id" of "[Unknown device]-[Details]".



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CF-53J/L/M (Windows XP Pro SP3 for German) MS Updates Installation Instructions

* Please download these MS Updates from Microsoft Download Center (<http://www.microsoft.com/downloads/>).

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* Please download these MS Updates from Microsoft Download Center (<http://www.microsoft.com/downloads/>).

	* Update #	Version	Release Date	Required
1	Q887626		10/18/2012	Mandatory
2	Q893803		10/18/2012	Mandatory
3	Q928366		10/18/2012	Mandatory
4	Q949764		10/18/2012	Mandatory
5	Q931125		10/18/2012	Mandatory
6	Q888111		10/18/2012	Mandatory
7	Q923789		10/18/2012	Mandatory
8	Q933579		10/18/2012	Mandatory
9	Q936782		10/18/2012	Mandatory
10	Q941569		10/18/2012	Mandatory
11	Q942763		10/18/2012	Mandatory
12	Q967048		10/18/2012	Mandatory



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	Histories	Version	Release Date	Required
1	Initial Release		10/18/2012	Mandatory

