Image Backup and Recovery Procedures

Thank you for purchasing a Fujitsu computer. Fujitsu is committed to bringing you the best computing experience with your new system.

It is very important that you create DVD copies of your Recovery Image and Bootable Disc before beginning to use your system. To do so, follow the instructions in the "Creating a Backup of Bootable Disc and Recovery Image" section of this document.

It is also important that you create a copy of the software that is essential for your system to access the internet (hereafter called "essential access software") to external writable media or an external drive. To do so, follow the instructions in the "Creating a Backup of the Essential Access Software" section.

MAKING BACKUPS OF THE RECOVERY IMAGE AND SOFTWARE

Creating a Backup of Bootable Disc and Recovery Image

When you purchased your new system, a copy of the recovery image was loaded into a hidden partition on your hard disk drive. Having a copy of the recovery image available to you means that in the event of system failure, you will be able to restore it and re-install the essential access software using Fujitsu Software Auto Installer.

To make a copy of the recovery image to DVD discs, you will need three or four blank discs to create the copy. Please take note that you are allowed to create the recovery image DVD for one time ONLY. After creating the copy, be sure to label the discs and keep them in a safe place to ensure that they do not get damaged.



Note: If your system does not have an internal writable DVD drive, connect your system to an external drive* before beginning the following steps.

- 1. Launch *System Restore and Recovery* from the desktop icon. It will allow you to create the Bootable Disc and the Recovery Image Disc Set.
- 2. In "Step 1: Please select a media type for Recovery Disc.":
 - a. Select Factory Image recovery disc sets.
 - b. Select recordable drive and media type.
 - c. Take note of the number of discs that are needed for the set.
 - d. Click Next to proceed.

System Restore and Recovery -	×
System Restore and Recovery	
Make Recovery Disc.	3 4
Step 1 : Please select a media type for Recovery Disc.	
List of Recovery Disc sets :	
Factory Image	
Recordable Drive :	
DVD drive (D:)	
Media Type :	
DVD-R v Number of Discs : 3	
Coopright Ruit SU LIMITED 2011 - 2013	

3. In "Step 2: Confirm your Recovery Disc.", click Next.



4. In "Step 3: Making Recovery Disc.", follow the on-screen instructions to make the disc or disc set, then click *Start*. It takes approximately 20 minutes to make one disc.

System Restore and Recovery	- 🗆 🗙
System Restore and Recovery	
Make Recovery Disc.	1 2 3 4
Step 3 : Making Recovery Disc.	
[Bootable Disc] will be created. Enter your comments and number of media on the DVD. Ex.) [Bootable Disc] Insert a disc onto a recordable drive and click [Start] when you are ready. It takes approximately 30 minutes to one hour to make a copy.	
Copyright:RUITSULLIMITED 2011 - 2013	<u>C</u> lose

5. In "Step 4: Making Recovery Disc process has been completed.", when the disc creation is completed, a message appears. Click *Finish* to exit the program.



* DEPENDING UPON YOUR OPTICAL DRIVE AND MEDIA FORMAT USED, SOME MEDIA TYPES MAY BE INCOMPATIBLE FOR CREATING IMAGE BACKUPS.

Creating a Backup of the Essential Access Software

When you purchased your new system, a "Fujitsu Software Extractor" shortcut was loaded to "C:\Fujitsu\Drivers\AutoInstallen\". This shortcut allows you to save the software driver packages along with the extracted Auto Installer software package to a selected location. It is recommended that you save these packages to writable media or an external drive. This ensures that in the event of system failure you will be able to re-install the essential access software.

- 1. Open the C:\Fujitsu\Drivers\AutoInstaller\ folder
- Run "Fujitsu Software Extractor" as an Administrator

 Right-click on Fujitsu Software Extractor.
 Select the "Run as Administrator" option from the menu that is displayed.
- 3. The default save location is C:\Fujitsu\AutoInstaller\Drivers\. You can change the location by clicking on the *Browse* button and selecting your preferred location.

92	Fujitsu Sotware Extractor	- 🗆 ×
Location C:\Fujitsu\AutoInstaller\	Drivers	Browse
	Save Packages	

Note: It is recommended that you change the default location and save the software packages to the external writable media or drive.

- 4. Click on the Save Packages button.
- 5. Fujitsu Software Extractor copies the zipped software packages and Readme files, and extracts the Auto Installer folder to the selected location.

Fujitsu Sol	ftware Extractor	
Please wait while the conte	nt is being processed	
		×
	Completed copying the software package	es to the target location
		ОК



Note: The extracted Auto Installer will later be used to install the software automatically on the system, in the event the system is recovered with the generic image where the software is not pre-installed in the image.

SYSTEM RECOVERY WHEN THE HARD DRIVE IS STILL ACCESSIBLE

Using the Recovery and Utility Tools

The Recovery and Utility tools consist of a variety of tools that will help you recover your system, diagnose your hardware and delete the data from your hard disk.

Methods for Accessing the Utilities

Recovery and Utility Tools are preinstalled in a hidden partition by the factory, or they can be accessed by using the bootable disc.



Note: The Recovery and Utility tools may be deleted from your hard disk drive if you modify the partitions. If that occurs, you will not be able to use the hidden partition for booting to Recovery and Utility Tools, but you will still be able to boot from the Bootable Disc.

Determining Whether Recovery and Utility is Pre-loaded

1. Turn on or reboot your system. When the Fujitsu logo appears, press the F12 key.



(*Actual screen display varies between models.)

2. Use the Tab key to get to the Application Menu.



(*Actual screen display varies between models.)

 Check whether the Recovery and Utility option is present. If it is not present, it means that the utility must be used from the Bootable Disc. Proceed to the "Running Recovery and Utility from the Bootable Disc" section if Recovery and Utility is unavailable.



(*Actual screen display varies between models.)

Running Recovery and Utility from Hard Disk

1. Turn on or reboot your system. When the Fujitsu logo appears, press the F12 key.

ŀ	Boot	Menu Application Menu
	1.	Drive0 HDD:
	2.	CD/DVD Drive:
	3.	NETWORK:
L		

(*Actual screen display varies between models.)

- 2. Use the Tab key to get to the Application Menu.
- 3. Cursor down to Recovery and Utility and press the Enter key.



(*Actual screen display varies between models.)

4. Choose your language, if necessary.

5. Three tool options appear: Diagnostics, Recovery, and Utility. Select Recovery.

Recov Click the ic	very and Utility on of the tool you want to run.	
٩	Diagnostics	
4	Recovery	
ţ,	Utility	
Copyright FUJITSU LIMI		End

- 6. If this was successful please skip the next step and go to the section "Recovery Tool".
- 7. If this was NOT successful, please go to the next step.

Running Recovery and Utility from the Bootable Disc

To verify/change the boot-up priority (rather than booting-up from the hard drive or an external media drive), perform the following steps:

- 1. Power on your system. When the Fujitsu logo appears on the screen, press the F12 key.
- 2. Insert the bootable disc into the drive tray.
- 3. Highlight the CD/DVD option from the Boot menu, then press Enter.



(*Actual screen display varies between models.)

 Select CD/DVD boot mode: UEFI Mode, if applicable, and then press Enter. While the files are being loaded from the disc, the Fujitsu logo screen will appear.

Recovery Tool

The Recovery tool contains two options:

- Restore C Drive: Restore factory image (only C: drive)
- · Restore Full Hard Drive: Restore factory image (full hard drive).



You can use these tools to restore the Recovery Image from the hidden partition, or perform a full hard drive recovery. Please refer to instructions in the "Creating a Backup of Bootable Disc and Recovery Image" section for details on how to create a Recovery Image disc set.

Restore the Recovery Image from Hidden Partition

1. Click [Restore C: drive] from Recovery tool



2. The progress bar is followed by "Restore Factory image (only C: drive)" screen confirming that the image will be restored to the C: drive. Click *Next*.

Restore Factory Image (only C: drive)
Description
Factory Image will be restored to C: drive.
click [next], then go to restore Factory Image.
Cancel Next

3. Read the End User License Agreement and select Agree, then click Next.

Restore Factory Image (only C: drive)
Restore Factory Image (only C: drive) Read the End User License Agreement carefully before performing recovery. when you purchased it. When you make a recovery by using the Recovery and Utility Disc, you must agree to [Use Restrictions] or [License agreement] for the respective software. Please read them before using the Recovery and Utility Disc. The disk will only work with the PC you purchased; it will not work on any other PC. 3. General Information Please note all precautions mentioned in the User's Guide. Please click [Agree] button if you agree with the End User License Agreement. ^c Agree ^c Disagree
<u>Cancel</u> <u>Next</u>

4. Click HDD as the restore image source.

Restore factory image (only C: drive)	
select source of restore image	
Which image do you use image in HDD or in DVD? Click [HDD] to restore by the image which is in HDD Click [DVD] to restore by the image which is in DVD	
DVD HDD	Back

5. When the progress bar appears, wait for the process to complete.

Restore factory image (only C: drive)	
Restore Factory Image to C: drive	
 Create Partitions <u>2. Restore Factory Image to C: drive</u> Finalize. Please wait a while. 	
Preparing.	

6. Click Finish when the process completes; the computer will restart to Windows.

Restore Factory Image (only C: drive)
Restore process is complete. Click [Finish] to shut down the system.
Finish

- 7. Follow the steps in the "Auto-Installation Support for Essential Access Software from Hidden Partition" section to enable network access.
- 8. Follow the steps in the "Auto Download of Applicable Software from Support Website" section, download FSDM (Fujitsu Software Download Manager) and then use it to download all the software applicable to the model and OS.
- 9. Follow the steps in the "Auto Installation Support for the Software Downloaded from Support Website" section to install all the software.

SYSTEM RECOVERY WHEN THE HARD DRIVE IS NOT BOOTABLE

Restore the Recovery Image for Full Hard Drive

Follow the steps in the "Recovering Your Recovery Image Using Recovery and Utility (for new hard drive or non-bootable hard drive)" section. You will need the Bootable Disc and the Recovery Disc Set for this task.



WARNING: It is highly recommended that you send your product to Fujitsu Service to replace a hard drive. A mistake could possibly destroy your computer, your new hard drive or both.

Recovering Your Recovery Image Using Recovery and Utility (for new hard drive or non-bootable hard drive)

If you have installed a new hard drive or your hard drive is not bootable, perform the following steps.



Note: You will need the Bootable disc and Recovery Image disc set for this recovery.

- 1. Power on your system. When the Fujitsu logo appears on the screen, press the F12 key.
- 2. Insert the bootable disc in your DVD drive.
- 3. Highlight the CD/DVD option from the Boot Menu and press Enter.
- 4. Select CD/DVD boot mode: Select UEFI Mode, if applicable and press Enter.

F	Boot	Menu Application Menu	
	4.	Drive0 HDD:	
	5.	CD/DVD Drive:	
	6.	NETWORK:	
F			

(*Actual screen display varies between models.)

While the files are being loaded from the disc, the Fujitsu logo screen appears

5. Choose your language, if necessary.

- 6. Three tool options appear: Diagnostics, Recovery and Utility. Select Recovery.
- 7. Then select *Restore full hard drive*

Recovery a	V CTY nd Utility > Recovery	
e	Restore C: drive Restore factory image (only C: drive).	
2	Restore full hard drive Restore Fadory Image (full hard drive).	
Copyright FUJITSU LIMP	10 2006-2013	Back
Copyright FUJITSU LIMIT		<u> </u>

8. Click Next to confirm full hard drive restoration. All data on HDD will be deleted.



9. Agree to the EULA by selecting Agree and clicking Next.

Restore Factory Image (full hard drive)	
Please read End User License Agreement before you start recover	y process.
1. Precautions for use	^
NOTE: IF YOU CONTINUE WITH THIS PROCESS,	
ALL CONTENTS ON THE HARD DISK WILL BE COMPLETELY ERASED.	
Please back up all important data onto a CD or DVD or	
other appropriate media before proceeding.	
by recovery unless you make a backup.	
-,,	
	v .
C Agree C Disagree	ment.
Cancel	
Zancel	

10. At the Recovery Disc Check screen, insert the bootable disc into the optical drive and click *Next* to verify the bootable disc.

Recovery Disc Check
Recovery Disc Check
Insert the Bootable Disc into the optical drive. When you are ready, click [Next].
Cancel Next

11. The *Checking Recovery Disc* screen appears followed by a prompt to insert the first recovery disc. Click *OK* to continue. Repeat this step for all discs. After all recovery discs have been checked and the check has completed, click *Next*.

Recovery Disc C	Check	
Recovery Disc Check		
Checking Recovery Dis Please wait a while.	sc	
	Recovery Disc Check Recovery Disc 1 into the optical drive. When you are ready, click (OR).	
	OK Cancel	

Recovery Disc Check
Recovery Disc Check has been completed. Click [Next] to go to next step.
Next

12. Follow the prompt to reinsert the first recovery disc and click Next.



13. Click *OK* when you receive the final warning informing you that all data on drive C will be lost. This starts the recovery process.

covery Disc Check	
1. Create Partitions	
2. Copy Factory Image	to HDD
3. Restore Factory Imag	je
4. Copy Bootable Disc t	to HDD
5. Finalize	WARNING
Please wait a while.	Click (IO() to restore Factory Image to C: drive. C: drive will be formatted. If you want to go back to Recovery and Uhility Program, Cick [Cancel]
	OK Cancel

14. Follow the prompts to insert the next recovery discs and click OK.

15. After the copying of the image to the HDD and the restore process is complete, click *Finish* to shutdown the system. The computer will restart automatically and then go through the first boot process.

Restore Factory Image (full hard drive)	
Restore process is complete. Click [Finish] to shut down the system.	
Finish	

- 16. Follow the steps in the "Auto-Installation Support for Essential Access Software from Backup Location" section to enable network access.
- 17. Follow the steps in the "Auto Download of Applicable Software from Support Website" section, download FSDM (Fujitsu Software Download Manager) and then use it to download all the software applicable to the model and OS.
- Follow the steps in the "Auto Installation Support for the Software Downloaded from Support Website" section to install all the software.

INSTALLING SOFTWARE AFTER THE RECOVERY IMAGE IS RESTORED

Auto-Installation Support for Essential Access Software from Hidden Partition

The below listed steps are applicable only in cases in which the recovery image restore and hidden partition contents have <u>NOT</u> been wiped out, i.e. you have not performed any full hard drive recovery or data delete.

- 1. After the recovery image is restored, launch Fujitsu Software Auto Installer by doubleclicking on the Fujitsu Software Auto Installer desktop icon.
- Click Yes on the User Account Control Dialog box. This will take some time to process the software packages. A message will be displayed during this time, "Please wait while the content is being processed".
- 3. If EULA is displayed for Fujitsu Software Auto Installer, select *I agree* and click *Continue*.

Fujitsu Software Auto Installer	×
This program will allow you to install drivers and applications on your Fujitsu computer, order to install drivers you must be logged-in as administrator. Some installation progra scripts, so please ensure that scripts are not disabled. It is recommended that you use order for subsystems as listed in the Fujitsu Installer.	Note that in ams may use a the installation
Fujitsu Limited ("Fujitsu") End User Software License Agreement	^
Please read this license agreement (ILicense Agreement()) and the other license agree accompanying your Fuijtsu computer system before using any of the software provide as part of the Fuijtsu computer system. This License Agreement is between you and t entity which has sold a Fuijtsu computer system to you (either directly or through its re partners).	ements, if any. d with and he Fujitsu sale V
<	>
C I <u>D</u> isagree • Agree	
Continue	E <u>x</u> it

4. Then the Fujitsu Software Auto Installer user interface will be launched providing the ability to auto-install the essential access software on the system.

5. It is recommended that you install all the software in the listed order by clicking *Select All.*

🖉 Fujit:	su Software Auto Installer	×
Software Components to Install :		
Wireless LAN Drive	r (Intel)(Version: 16.5.0.15 (16.5.0)) r (Atheros)(Version: 10.0.0.260 (10))	
<u>C</u> lear	All Select All	
Installation status :		
Blue The component i Green The component i Gray A version of the c Please close all open application application(s) while installing soft Status : Select the software com	is ready to be installed, needs to be installed separately, component has been detected on this computer, s and disable antivirus software. Do not start new ware components, ponents to install.	

- 6. Click Install to start the installation.
- 7. After installing all the selected drivers, the Installation Results window will be displayed. Click *OK*.



8. "You must restart the system for the settings to take effect. Do you wish to reboot now?" message appears. Select *Yes*.

ø	Fujitsu Software Auto Installer	×
Softwa	re Components to Install :	
VW	fireless LAN Driver (Intel)(Version: 16.5.0.15 (16.5.0)) fireless LAN Driver (Atheros)(Version: 10.0.0.260 (10))	
	Fujitsu Software Auto Installer - Installation Results	
	You must restart the system for the settings to take effect. Do you wish to reboot now?	
Install	Yes No	
Blue	The component is ready to be installed.	
Green	The component needs to be installed separately.	
Gray	A version of the component has been detected on this computer.	
Please applica	close all open applications and disable antivirus software. Do not start new tion(s) while installing software components.	
Status	: Select the software components to install.	

- 9. The system will now reboot.
- 10. You can now connect to the internet and download FSDM (Fujitsu Software Download Manager) from the **Support Site**, then use FSDM to download all the software applicable to the model and OS if they are not downloaded yet.

Auto-Installation Support for Essential Access Software from Backup Location

The below listed steps are applicable in cases in which a backup copy was created as mentioned in the section "Creating a Backup of the Essential Access Software".

- 1. It is important to have the extracted Auto Installer software package folder and Readme file in the same location as other software folders. Otherwise autoinstallation of the software will not be supported.
- 2. Inside the Auto Installer software package, launch FjAutoinstall.exe as an Administrator.
- Click Yes on the User Account Control dialog box. This will take some time to process the software packages. A message will be displayed during this time stating, "Please wait while the content is being processed".
- 4. If EULA is displayed for Fujitsu Software Auto Installer, select *I agree* and click *Continue*.

Fujitsu Software Auto Installer	×
This program will allow you to install drivers and applications on your Fujitsu computer. Note that in order to install drivers you must be logged-in as administrator. Some installation programs may use scripts, so please ensure that scripts are not disabled. It is recommended that you use the installatio order for subsystems as listed in the Fujitsu Installer.	'n
Fujitsu Limited ("Fujitsu") End User Software License Agreement	^
Please read this license agreement ([License Agreement]) and the other license agreements, if any, accompanying your Fujitsu computer system before using any of the software provided with and as part of the Fujitsu computer system. This License Agreement is between you and the Fujitsu entity which has sold a Fujitsu computer system to you (either directly or through its resale partners).	~
< >>	
<u>C</u> ontinue E <u>x</u> it	

5. The Fujitsu Software Auto Installer user interface will be launched providing ability to auto install the essential access software on the system.

6. It is recommended that you install all the software in the listed order by clicking *Select All*.

0	Fujitsu Software Auto Installer	×
Software Con	nponents to Install :	
V Wirele	iss LAN Driver (Intel)(Version: 16.5.0.15 (16.5.0)) iss LAN Driver (Atheros)(Version: 10.0.0.260 (10))	
Installation sta	Qlear All Select All Install Exit	
Blue Green Gray	The component is ready to be installed. The component needs to be installed separately. A version of the component has been detected on this computer.	
Please close application(s)	all open applications and disable antivirus software. Do not start new while installing software components.	
Status : Selec	at the software components to install.	

- 7. Click the Install button to start the installation.
- 8. After installing all the selected drivers, the Installation Results window will be displayed. Click *OK*.



9. "You must restart the system for the settings to take effect. Do you wish to reboot now?" message appears. Select Yes.



10. The system will now reboot.

Auto Download of Applicable Software from Support Website

- Download the Fujitsu Software Download Manager (FSDM) from the Support Site. FSDM assists you in downloading all the drivers applicable to the model and OS automatically.
- FSDM can run on any Windows XP, Windows 7, Windows 8 / 8.1 system (not only the system being recovered).
- 3. Inside the FSDM software package, launch FSDM.exe as an Administrator.
- 4. Click Yes on the User Account Control dialog box.
- 5. Select the *Model* and *Operating System* from the dropdown boxes, then click *Display Applicable Software.*

T734	~	Windows 8.1 64-bit V		Display Ap	plicable <u>S</u> oftw	are
Download	Description		Versi	on	Size	^
	Chipset Softw	are	9.4.0.	1026 (9.4.0	4.15MB	
	Intel(R) Rapid Start Technology).1016-A (1	13.91MB	
	Intel(R) Active Management Technology			3 (9.5.13.1	56.68MB	
	Intel(R) Mana	gement Engine Interface	9.0L0	3 (9.0.20.1	52.39MB	
	Bluetooth Soft	ware	3.1.13	807.0362	28.68MB	
	Ethernet Adap	oter Driver	12.9.1	6.0 (18.5)	0.57MB	
	Wireless LAN	Driver (Intel)	16.6.0).8 (16.06.2	96.8MB	
	Graphics Drive	er (Intel)	10.18	.10.3282	79.16MB	
	Audio Driver		6.0.1.	7059	73.09MB	
	Digitizer Drive	r	7.1.2-10		12.32MB	
	Pointing Device	ce Driver	17.0.8	3.0	56.44MB	
	Memory Card	Reader Driver	3.3.00).41	5.22MB	
	Fujitsu Button	Device Driver	5.1.07	710.2013	0.26MB	
Select All Qear Download Path: C^Drivers Browse						
Download						

- 6. It is recommended that you download all the software by clicking *Select All*. You can also select each software item individually to download as necessary.
- 7. If you prefer to auto install all the software later on, it is important to select the *Fujitsu* Software Auto Installer package for download, and tick the Open Readme When Finished and Extract Packages checkboxes.
- 8. The default download location is C:\Drivers. You can change this path by clicking the *Browse* button.
- 9. Click the *Download* button to initiate downloading.

10. "Selected software may take a while to download. Would you like to proceed?" message appears. Select *Yes*.

/34		✓ Wir	idows 8.1 64-bit ♥		Display Ap	plica	able Softwar	e
Download	Des	cription		Vers	ion	Si	ze	1
✓	Chips	set Software		9.4.0	.1026 (9.4.0	4.1	15MB	
✓	Intel(R) Rapid Sta	t Technology	12.8.	12.8.0.1016-A (1 1		.91MB	
-	Intel(R) Active Ma	nagement Technology	9.5L(3 (9.5.13.1	56.68MB		
-	Intel(R) Managem	ent Engine Interface	9.0L(03 (9.0.20.1	52.39MB		
-	Bluet	ooth Softwar	e	3.1.1	307.0362	28	.68MB	
-	Eth	e				y I	MB	
-	Win	Fujitsu	Software Downloa		nager		MB	
-	Gra						6MB	
-	Aud	Selected software may take a while to download.				9MB		
-	Digi	Would you like to proceed?			2MB			
-	Poir						4MB	
-	Mer						MB	
•	Fujit		<u>Y</u> es		<u>N</u> o		мв	
Select All		Clear					1771.08 N	IB
lownload P	ath:							
:\Drivers							Browse	
					-			

11. This will take some time to download the software packages. A message will be displayed during this time to show the download progress.



12. In the event that a problem occurs connecting to the download server, the message "Could not establish internet connection to Fujitsu support webserver. Please check your internet connection and try again." appears. Click *OK* to dismiss it, then click *Download* again to resume the download queue.

Fujitsu Software Download Manager	
Could not establish internet connection to Fujitsu support webserver. Please check your internet connection and try again.	
OK	

13. When the download has completed, if the *Open Readme When Finished* was checked, the software Readme document and the download folder will be displayed.



Auto Installation Support for the Software Downloaded from Support Website

- It is important to have the extracted Auto Installer software package folder and Readme file in the same location as other software folders. Otherwise autoinstallation of the software will not be supported.
- 2. From the download folder, inside the Auto Installer software package, launch FjAutoInstall.exe as administrator.
- Click Yes on the User Account Control dialog box. This will take some time to process the software packages. A message will be displayed during this time stating "Please wait while the content is being processed".
- If EULA is displayed for Fujitsu Software Auto Installer, accept the EULA, otherwise continue.

Fujitsu Software Auto Installer	×				
This program will allow you to install drivers and applications on your Fujitsu computer. Note that in order to install drivers you must be logged-in as administrator. Some installation programs may use scripts, so please ensure that scripts are not disabled. It is recommended that you use the installatio order for subsystems as listed in the Fujitsu Installer.	n				
Fujitsu Limited ('Fujitsu') End Liser Software License Agreement	^				
Please read this license agreement (License Agreement) and the other license agreements, if any, accompanying your Fuitsu computer system before using any of the software provided with and as part of the Fuitsu computer system. This License Agreement is between you and the Fuitsu entity which has sold a Fuitsu computer system to you (either directly or through its resale partners).					
< >					
C I Disagree • Agree					
<u>C</u> ontinue E <u>x</u> it					

- 5. The Fujitsu Software Auto Installer user interface will be launched providing the ability to auto install the software downloaded from **Support Site**.
- 6. It is recommended that you install all the software in the listed order by clicking *Select All.*

Pujitsu Software Auto Installer							
Software Components to Install :							
Chipset Software(Version: 9.4.0.1026 (9.4.0.1023)) Intel(R) Rapid Start Technology(Version: 12.8.0.1016-A i Intel(R) Active Management Technology(Version: 9.5L0) Intel(R) Management Engine Interface(Version: 9.0L03 (Bluetooth Software(Version: 3.1.1307.0362) Ethernet Adapter Driver(Version: 12.9.16.0 (18.5)) Wireless LAN Driver (Intel)(Version: 16.6.0.8 (16.06.2000 Graphics Driver (Intel)(Version: 10.18.10.3282) Addition DriverOf Version: 21.7269							
✓ Audio Driver(version: 6.0.1.7053)							
Clear All Select All Install Egit							
Installation status :							
Blue The component is ready to be installed. Green The component needs to be installed separately. Gray A version of the component has been detected on this computer. Please close all open applications and disable antivirus software. Do not start new application(s) while installing software components. Status : Select the software components to install.							

- 7. Click the Install button to start the installation.
- 8. EULA is displayed for any Fujitsu royalty software; accept the EULA to install the royalty software.

Fujitsu Royality Utility	
Fujitsu Limited ("Fujitsu") End User Software License Agreement	^
Please read this license agreement ('License Agreement') and the other license agreements, if any, accompanying your Fujitsu computer system before using any of the software provided with and as part of the Fujitsu computer system. This License Agreement is between you and the Fujitsu contrity which has also a Fujitsu computer system to you (either directly or through its resale partners).	
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I Accept I Decline Next	

9. After installing all the selected drivers and software, the Installation Results window is displayed. Click *OK*.

0	Fujitsu Software Auto Installer	×
	Fujitsu Software Auto Installer - Installation Results	×
Chipse Intel(R succe Intel(R option Blueto Ethern Wirele Audio Digitiz Pointir Memoo Fujitsu Smart Web C Finger Anytim Fujitsu Cybert Cybert	et Software[Version: 9.4.0.1026 (9.4.0.1023)] installed successfully. 1 Rapid Start Technology(Version: 12.8.0.1016.A. (12.8.0.1016)] installed sofully. 3) Active Management Technology(Version: 9.0L03 (9.0.20.1447)] was not installed sofully. 1) Management Engine Interface[Version: 9.0L03 (9.0.20.1447)] was not installed sofully. et Adapter Dirver[Version: 12.918.0 (16.5)] installed successfully. et Adapter Dirver[Version: 12.918.0 (16.5)] installed successfully. Et Adapter Dirver[Version: 12.918.0 (16.5)] installed successfully. Dirver[Version: 7.1.2.10] installed successfully. IDirver[Version: 7.1.2.10] installed successfully. IP Card Reader Dirver[Version: 7.3.0.0.41] installed successfully. Button Device Dirver[Version: 7.1.2.10] installed successfully. IB Card Reader Dirver[Version: 7.1.2.10] installed successfully. Card Reader Dirver[Version: 7.1.2.10] installed successfully. IB attor Dirver[Version: 7.1.2.10] installed successfully. IB attor Dirver[Version: 7.1.2.10] installed successfully. IB attor Dirver[Version: 8.0.1.2.262.60] installed successfully. IB attor Dirver[Version: 8.0.1.2.262.60] installed successfully. Int Sensor Dirver[Version: 8.0.5413] installed successfully. Int RoweDirector [BD](Version: 8.0.5413) installed successfully. Int RoweDirector [BD](Version: 10.0.5424.22) Installed successfully. Int RoweDirec	< >
	OK	

10. "You must restart the system for the settings to take effect. Do you wish to reboot now?" message appears. Select Yes.



11. The system will now reboot.

Downloading Driver Updates

To ensure that you always have the most current driver updates related to your system, you should occasionally access the Fujitsu Software Download Manager (FSDM) utility. The FSDM utility is available from the Fujitsu support site. FSDM will allow you to view and download a list of the most current drivers, utilities, and applications to determine whether you have the latest versions. To download the FSDM Utility, go to the support site:

Support Site

http://www.fujitsu-pc-asia.com/driversupport/selectioninterface/selection.html