

@BIOS is the first Windows BIOS live update utility. This is smart BIOS update software. It helps you to download the latest BIOS from the Internet and update it. With the help of @BIOS, updating BIOS is no more than a click!!

The steps below guide you how to update BIOS using the @BIOS utility.

Please note that because updating BIOS has potential risk, please do it with caution!! We are sorry that Gigabyte Technology Co., Ltd is not responsible for damages of system because of incorrect manipulation of updating BIOS to avoid any claims from end-users.

This is a Windows-based utility and if your O.S. is not stable enough, you will run at more risk of BIOS flashing failure. Therefore, if you ever encounter instability in Windows, we recommend that you use Q-Flash^T in BIOS or flash utility in DOS to update BIOS.

Before You Start.....

- 1. If your system supports Intel Hyper-Threading technology, please kindly disable the function in the BIOS.
- 2. Please close all applications and TSR (such as anti-virus program) under Windows to avoid unexpected error whiling BIOS update.
- 3. Connect your PC to the Internet.
- Install @BIOS to Windows (you may download the latest version at Gigabyte's website: <u>http://ftp.gigabyte.com.tw/MotherBoard/FileList/Driver/driver_gbttools_gbt_@bios.exe</u>, or from attached motherboard driver CD).
- 5. Make sure your motherboard supports @BIOS utility by selecting **About this program** option in @BIOS.

Exploring @BIOS Screen:

	🏟 Gigabyte @BIOS W	riter for Win9x/ME/NT4/2000/XP		
	Flash Memory Size:	SST 39SF020 /5V 2M Bits (00000-3FFFF) AMI BIOS GA-7VRXP F10		Motherboard information for reference.
Check to perform	Internet Update	Update New BIOS	7	Click to begin updating
these tasks when			_	BIOS
flashing BIOS. The	Clear DMI Data Poo			 Click to backup current BIOS file
defaults are set	Clear PnP Data Poo	About this program		
	🔲 SMI Flash Support	Exit		Click to see chipsets
un-checked.				and brands of Flash
Progress bar	-	100%		ROM supported.
	Done			

Part 1. Update BIOS via the Internet

One of the most fantastic features of @BIOS is that you can update BIOS via the Internet without saving the latest BIOS file in advance. @BIOS will find the most up-to-date BIOS for you, saving you much time looking for the exact BIOS file that matches your motherboard.

In the following section, we take GA-7VRXP as the example to guide you how to flash BIOS from an older version to the latest version, for example, from F10 to F12.



Before you start: Please connect to the Internet and open @BIOS in Windows.

Steps:

Check Internet Update item and then press Update New BIOS button.
 You can also begin Step1 with Save Current BIOS item if you want to save the current BIOS data for backup purpose.

🗬 Gigabyte @BIOS W	riter for Win9x/ME/NT4/2000/XP	×
Current Mainboard Info		
Flash Memory Type:	SST 39SF020 /5V	
Flash Memory Size:	2M Bits (00000-3FFFF)	
BIOS Model Version AMI BIOS GA-7VRXP F10 Information :		
Internet Update	Update New BIOS]
🔽 Clear DMI Data Poo	l Save Current BIOS ^K	
🔲 Clear PnP Data Poo	I About this program	
🔲 SMI Flash Support	Exit	
	100%	
Done		

Later, you will see a dialog box containing a list of servers from which you can download BIOS files pop up.

 Choose the server that is closest to your area and press OK. For example, choose Gigabyte @BIOS server 1 in Taiwan.

🛷 Gigaby	te @BIOS Writer for Win9x/ME/NT4/2000/XP	×
Flash	fainboard Info Memory Type: USST 39SE020 /5// Please select @BIOS server site Please select @BIOS server site :	
Infor Inte	Gigabyte @BIOS server 1 in Taiwan Gigabyte @BIOS server 2 in Taiwan Gigabyte @BIOS server in China Gigabyte @BIOS server in Japan Gigabyte @BIOS server in U.S.A	
Connect to (100% @BIOS server(Wait a moment)	

After you press the **OK** button, @BIOS will begin searching for the latest BIOS for your motherboard from the Internet and you'll see a dialog box pop up showing the latest BIOS version later.

4	🕅 Gigabyte @BIOS Writer for Win9x/ME/NT4/2000/XP 💦 🔀
The latest BIOS	Current Mainboard Info Current Mainboard Info Please select one file to update WARNING: Before you select the model name from the list below, please select the exact model name on youe mainboard. If you select the wrong model name to update the BIOS, your computer would not boot. Modal Name : GA-7VRXP VIA.KT333. AMI BIOS, Ver. F12 IOK Cancel 100%

3. Press **OK** button in the dialog box to begin downloading BIOS file from the Internet.

Flash Memory Type:	SST 39SF020 /5V		
Flash Memory Size:	2M Bits (00000-3FFFF)		
BIOS Model Version Information :	AMI BIOS GA-7VRXP F10		
🔽 Internet Update	Update Ne	w BIOS	
📕 Clear DMI Data Poo	Save Curre	nt BIOS ^나 강	
🖵 Clear PnP Data Poo	About this p	program	
🔲 SMI Flash Support	Exit		
	3586		@BIOS is downloading BI
	nternet(Wait a moment)		file from the Internet

After downloading the BIOS, a dialog box will pop up asking you "Do you want to Update BIOS?"

4. Click **OK** to begin flashing BIOS.

Current Mainboard Info Flash Memory SST 39SF020 /5V Flash Memory Size: 2M Bits (00000-3FFFF) BIOS Model Message Version Info Version Info Clear DMI Clear PnP I SMI Flash Support Exit	🏟 Gigabyte @BIOS W	riter for Win9x/ME/NT4/2000/XP	×
✓ Internet Up Do you want to Update BIOS ? □ Clear DMI ○ □ Clear PnP I ○	Flash Memory Flash Memory Size: BIOS Model Messa:	SST 39SF020 /5V 2M Bits (00000-3FFFF)	
	✓ Internet Up ⊂ Clear DMI ⊂ Clear PnP I	Cancel n	
100% Backup Flash Memory(Waiting about ten second)	Backup Flash Memory(V		

The status of BIOS flashing procedure will be shown at the bottom of the window.

🛷 Gigabyte @BIOS W	riter for Win9x/ME/NT4/2000/XP 🛛 🛛	
Current Mainboard Info Flash Memory Type: Flash Memory Size: BIOS Model Version Information :	SST 39SF020 /5V 2M Bits (00000-3FFFF) AMI BIOS GA-7VRXP F10	
🔽 Internet Update	Update New BIOS	
🔲 Clear DMI Data Poo	Save Current BIOS	
🔲 Clear PnP Data Poo	About this program	
📕 SMI Flash Support	Exit	
Program Flash Memory(V	44% /ait a moment)	The progress of BIOS flashing procedure

A Please avoid disruption of the Internet connection during flashing. Any interruption during BIOS flashing will cause system unbootable.

5. Press **OK** button on the completion dialog box popping up after the procedure is finished.

-Current Mainboard Info	laar.			
Flash Memory Type:	ISST	SST 39SF020 /5V		
Flash Memory Size:	2M B	lits (00000-3	FFFF)	
BIOS Model Version Information :	AML	BIOS GA-7∿	'RXP F10	
✓ Internet Update		Message		
Clear DMI Data Poo		(į)	BIOS Update completed ! You must restart your system to enable new functioin.	
SMI Flash Support)		ОК	
		100%		

6. Exit @BIOS and restart your computer.

🗬 Gigabyte @BIOS W	riter for Win9x/ME/NT4/2000/XP	
Current Mainboard Info Flash Memory Type: Flash Memory Size: BIOS Model Version Information :	SST 39SF020 /5V 2M Bits (00000-3FFFF) AMI BIOS GA-7VRXP F10	
 Internet Update Clear DMI Data Pool Clear PnP Data Pool SMI Flash Support 		Click to exit @BIOS.
Done	100%	



After you update BIOS by @BIOS and after system reboots, please go to BIOS menu to load fail-safe default setting to complete the whole BIOS updating procedure. Normally the system redetects all devices after BIOS has been upgraded. Therefore, we highly recommend you to reload the BIOS default settings after BIOS has been upgraded.

7. Press **Del** on your keyboard to enter BIOS menu after system reboots. Use arrow buttons to highlight **BIOS Fail-Safe Defaults** item and press **Enter**.

The following is an AMI BIOS menu screen. However, you can also find similar option in AWARD BIOS menu.



8. Press Y on your keyboard to start loading fail-safe defaults.



9. Select **Save & Exit Setup** and press **Enter** to save the settings to CMOS and exit the BIOS menu.



Congratulation!! You have updated BIOS successfully!!

Press **Y** on your keyboard to save and exit.

Part 2. Update BIOS not via the Internet

@BIOS also allows you to update BIOS not via the Internet. You can download the BIOS file and save it to a floppy disk or to your hard disk to flash it with @BIOS.

Before You Start:

- Download the latest BIOS (or the BIOS you need) for your motherboard from Gigabyte's website. Extract the BIOS file downloaded and save the BIOS file (the one with model name.Fxx. For example, 7VRXP.F12) to a disk, such as a floppy or your hard disk.
- 2. Open @BIOS in Windows.

Steps:

1. Press **Update New BIOS** button. Please do not check **Internet Update** item. You can also begin with **Save Current BIOS** item if you want to save the current BIOS data for backup purpose.

	Current Mainboard Info		
	Flash Memory Type:	SST 39SF020 /5V	
	Flash Memory Size:	2M Bits (00000-3FFFF)	
	BIOS Model Version Information :	AMI BIOS GA-7VRXP F10	
	Thernet Update	Update New BIOS	
ot check!	📕 Clear DMI Data Poo	I Save Current BIOS ^K	
	🔲 Clear PnP Data Poo	I About this program	
	SMI Flash Support	Exit	
		100%	

You will see a dialog box pop up for you to select the location of the BIOS file you want to update.

2. Select the exact BIOS file from the destination folder where you save it before and press **Open** button. In this example, we select the 7VRXP.F12 BIOS file that we have saved to the floppy disk.

Please double-check you have the correct BIOS file for your motherboard. Flashing wrong BIOS file will make your BIOS corrupted.

🔗 Gigabyte	@BIOS Writer for W	/in9x/ME/NT	4/200	0/XP	×
Open				[? 🛛
Look in: J	, 3½ Floppy (A:)	•	(d* 💷 •	
TVRXP.F1	2				
File name:	7VRXP			Oper	
			_		
Files of type:	All Files (*.*)		-	Canc	el 1
Done					

3. Press **OK** button in the popped confirmation dialog box to start flashing BIOS if you are sure to flash BIOS. The progress of BIOS flashing procedure will be shown at the bottom of @BIOS screen.

Gigabyte @BIOS W	riter for Win9x/ME/NT4/2000/XP			
Flash Memory Type:	SST 39SF020 /5V			
Flash Memory Size:	2M Bits (00000-3FFFF)			
BIOS Model Version Information :	AMI BIOS GA-7VRXP F10			
 Internet Update Clear DMI Data Pool Clear PnP Data Pool SMI Flash Support 				
	100%			
Done				

Flash Memory Type:	SST 39SF020 /5V 2M Bits (00000-3FFFF) AMI BIOS GA-7VRXP F10		
Flash Memory Size:			
BIOS Model Version Information :			
🗖 Internet Update		Update New BIOS	
📕 Clear DMI Data Poo	ol 📃 Ic	Save Current BIOS	
📕 Clear PnP Data Poo	u 🐰	About this program	
🔽 SMI Flash Support		Exit	

A Please do not interrupt or power off during the procedure. It will cause the BIOS ROM corrupted.

5. Click **OK** button on the completion dialog box popped up after flashing BIOS.

Current Mainboard Info Flash Memory Type:	SST 39SF020 /5V
Flash Memory Size: BIOS Model Version Information :	AMI BIOS GA-7VRXP F10
 Internet Update Clear DMI Data Pool Clear PnP Data Pool SMI Flash Support 	BIOS Update completed ! You must restart your system to enable new functioin.
	100%
Done	

- 6. Exit @BIOS and restart your computer.
- 7. Press **Del** to enter BIOS menu after system reboots and load BIOS Fail-Safe Defaults. See how to load BIOS Fail-Safe Defaults, please kindly refer to Step 6 to 8 in Part One.

Congratulation!! You have updated BIOS successfully!!