

Update BIOS to support AMD 5000 series CPU

The Instant Flash SOP

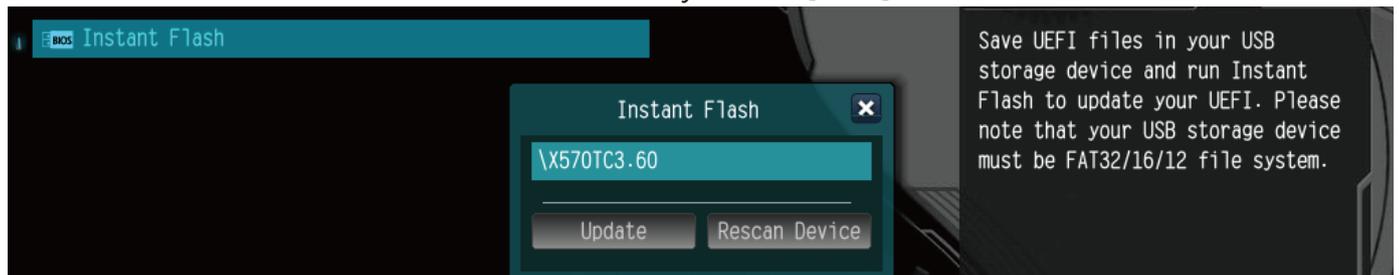
(EXCEPT X570 board with Pinnacle Ridge or Picasso processor)

Step 1 Find your model on ASRock website and download the latest BIOS version.
 ※To support AMD 5000 series CPU, AMD AGESA code must be 1.0.8.0 or later version.

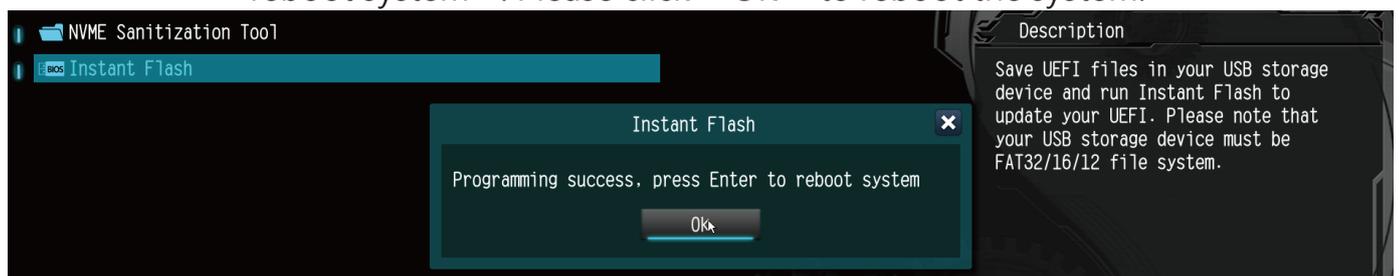
BIOS					
Please read the information below before downloading or updating your BIOS We do not recommend users to update the BIOS if their system is already running normally. ASRock assumes no responsibility for any damages caused by improper operations of downloading or updating the BIOS. Before you download or update the BIOS, please read "① (How to Update)" below carefully. After updating BIOS, all the settings will be reset to the default.					
Version	Date	Size	Update BIOS Under / How to Update	Description	Download
3.60	2020/10/27	14.25MB	Instant Flash ①	1. Update AMD AGESA Combo-AM4 V2 1.1.0.0 2. Optimize system compatibility with Renoir and Ryzen™ 5000 Series processors	Global China
3.40	2020/8/24	17.16MB	Instant Flash ①	1. Update AMD AGESA Combo-AM4 V2 1.0.8.0 2. Support AMD Ryzen™ 5000 Series processors *To support Renoir/ Ryzen™ 5000 processors, it requires to update the BIOS with Matisse CPU. *If you use Pinnacle Ridge or Picasso, please use ASRock Flashback function to update this BIOS.	Global China
3.20	2020/7/3	17.08MB	Instant Flash ①	1. Update AMD AGESA Combo-AM4 V2 1.0.0.2 2. Supports 3RD Gen AMD Ryzen XT series CPU *To support Renoir APU, it requires to update the BIOS with Matisse CPU. *If you use Pinnacle Ridge or Picasso, please use ASRock Flashback function to update the BIOS.	Global China

Step 2 Extract the zip file and save the BIOS files on a FAT32 formatted USB disk.
 ※Make sure your USB disk is FAT32 formatted

Step 3 Press [F2] during POST to get into BIOS setup menu.
 Select the Instant Flash utility under [Tool] menu to execute it.



Step 4 Select the suitable BIOS version and click "Yes" to flash the BIOS. Once the BIOS is flashed, it'll show "Programming success, Press Enter to reboot system". Please click "OK" to reboot the system.



Step 5 After the system restarts, press [F2] to enter the BIOS setup utility during boot up. In Exit menu, please select "Load Default Settings" and press [Enter] to continue. Select "Exit Saving Changes" and press [Enter] to exit the BIOS setup utility. Now, the system is booting up with new BIOS.

The EFI update SOP

(X570 board with Pinnacle Ridge or Picasso processor)

※The following example is only for X570 Steel Legend. If your board is not X570 Steel Legend, please replace the model name in step 1 and step 7 with the corresponding model name below.

Model Name	
X570_Extreme4	X570_Phantom_Gaming-ITX_TB3
X570_Extreme4_WiFi_ax	X570_Pro4
X570_Phantom_Gaming4	X570_Steel_Legend
X570_Phantom_Gaming4_WiFi_ax	X570_Steel_Legend_WiFi_ax
X570_Phantom_Gaming4S	X570M_Pro4

Requirements:

1. EFI bootable USB disk

(To create an EFI bootable disk, please unzip the EFI.zip and place the entire EFI folder into your USB disk root directory) Download the EFI.zip from the following link:
<https://download.asrock.com/TSD/Desktop/RBU/EFI.zip>

2. BIOS update package

Download the BIOS update package from the following link: X570_Steel_Legend
https://download.asrock.com/TSD/Desktop/VBU/X570_Steel_Legend.zip

* For X570 Phantom Gaming-ITX/TB3, the link will be:
https://download.asrock.com/TSD/Desktop/VBU/X570_Phantom_Gaming-ITX_TB3.zip

Update steps:

Step 1

Extract the X570_Steel_Legend.zip and place the entire folder X570_Steel_Legend into EFI bootable disk.

* For X570 Phantom Gaming-ITX/TB3, the file will be:
 X570_Phantom_Gaming-ITX_TB3.zip

Step 2

Remove all storage devices from your system

Step 3

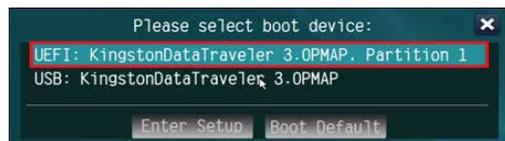
Insert the EFI bootable disk to a USB port.

Step 4

Boot the system and press F11 key to enter the boot menu.

Step 5

Select the EFI USB drive and press the Enter key to boot into your USB drive.



Step 6

Change the root to your USB drive by typing the following command:

Fs0: `Shell> fs0:`

Step 7

Go into the X570_Steel_Legend folder by typing the following command:

`cd X570_Steel_Legend` `fs0:\> cd X570_Steel_Legend`

* For X570 Phantom Gaming-ITX/TB3, the command will be: `cd X570_Phantom_Gaming-ITX_TB3`

Step 8

Update the BIOS by typing the command:

`BIOSUPDATE.nsh` `fs0:\X570_Steel_Legend> BIOSUPDATE.nsh_`