



RX 5600 XT MECH Series
BIOS Update
Through Live Update Tool SOP

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Please follow below steps to install Live Update Tool and update the vBIOS



1. Click the link of your RX 5600 XT MECH series product below:

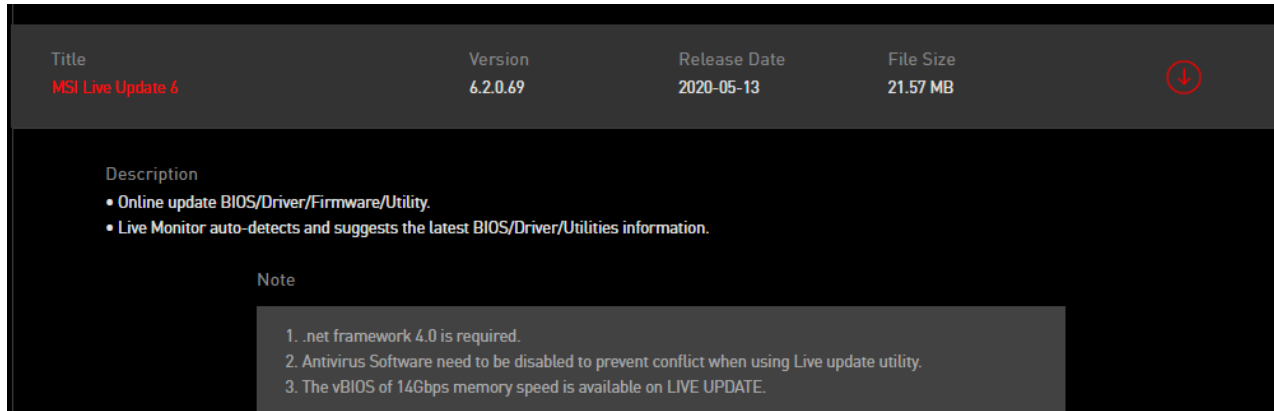
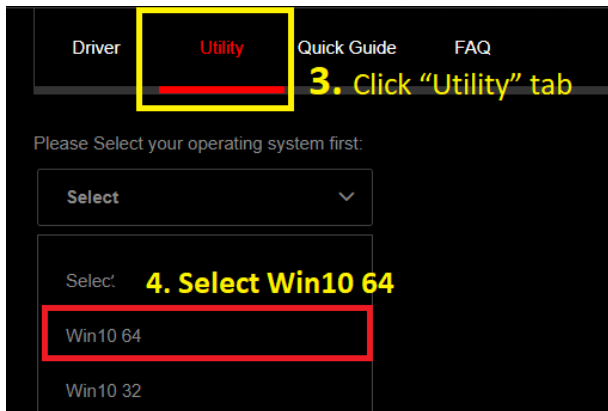
- [RX 5600 XT MECH OC](#)
- [RX 5600 XT MECH](#)

2. Click “Support” tab

3. Click “Utility” tab

4. Select Win10 64

5. Download MSI Live Update 6 **v6.2.0.68 or later.**



Live Update vBIOS – Step 1



Run the MSI Live Update 6 application

The screenshot shows the MSI Live Update 6 application window. The title bar reads "msi LIVE UPDATE 6". The interface has four tabs: "Registration Service", "Live update" (selected), "History", and "Setting". Under the "Live update" tab, there are radio buttons for "Manual scan" and "Automatic scan" (selected). Below these are checkboxes for "MB driver", "MSI utility", and "Optional utility". A table with the following columns is visible: "Type", "Item", "Current Ver.", "Online Ver.", and "Size". The table is currently empty. At the bottom left, there is an "Information" section with the following text: "Operating system / Windows 10 64-bit", "Motherboard BIOS version / A.90", and "Serial Number / H816088430". At the bottom right, there is a yellow-bordered box containing the following text: "Motherboard model / Z370 GODLIKE GAMING (MS-7A98)", "Graphics card model / AMD Radeon RX 5600 XT", and "Graphics card BIOS version / TV381MH.320".

MECH OC old version is TV381MH.320

MECH old version is TV381MH.330

Information

Operating system / Windows 10 64-bit
Motherboard BIOS version / A.90
Serial Number / H816088430

Motherboard model / Z370 GODLIKE GAMING (MS-7A98)
Graphics card model / AMD Radeon RX 5600 XT
Graphics card BIOS version / TV381MH.320

Last Scan 00/00/00



Live Update vBIOS – Step 2

RX 5600 XT MECH OC

1. Scroll to the “BIOS Update” tab
2. Find the VGA BIOS MH-V381, make sure the Online Version is **323 or later.**

RX 5600 XT MECH

1. Scroll to the “BIOS Update” tab
2. Find the VGA BIOS MH-V381, make sure the Online Version is **332 or later.**

The screenshot shows the MSI Live Update 6 application window. The title bar reads "msi LIVE UPDATE 6" and "DQA Mode is Running". The "BIOS Update" tab is selected and highlighted with a yellow box. A yellow arrow points to the right arrow button in the tab bar, with the text "1-scrolling down arrow button to the latest tab 'BIOS Update'". Below the tab bar is a table of updates:

Type	Item	Current Ver.	Online Ver.	Size		
<input type="checkbox"/>	MB BIOS	MS-7A98	A.90	A.90	8.80MB	↓
<input type="checkbox"/>	MSI LED FW	LED FW Update	0A23	0A23	1.55 MB	↓
<input type="checkbox"/>	VGA BIOS	MH-V381	320	322	854 KB	↓

The row for "VGA BIOS" is highlighted with a yellow box. Below the table, the text "2- Find the VGA BIOS MH-V381" is displayed. At the bottom of the window, there is an "Information" section with the following details:

Operating system / Windows 10 64-bit
Motherboard BIOS version / A.90
Serial Number / H816088430

Motherboard model / Z370 GODLIKE GAMING (MS-7A98)
Graphics card model / AMD Radeon RX 5600 XT
Graphics card BIOS version / TV381MH.320

Buttons for "Scan", "Download", and "Total installer" are visible above the information section. The bottom right corner shows "Last Scan 2020/01/22".

Live Update vBIOS – Step 3



1. Tick the box of “VGA BIOS”
2. Click the Download & Install button.

msi LIVE UPDATE 6 DQA Mode is Running

System information | Online Help | FAQ | BIOS Update

BIOS Update

<input type="checkbox"/>	Type	Item	Current Ver.	Online Ver.	Size	
<input type="checkbox"/>	MB BIOS	MS-7A98	A.90	A.90	8.80MB	
<input type="checkbox"/>	MSI LED FW	LED FW Update	0A23	0A23	1.55 MB	
<input checked="" type="checkbox"/>	VGA BIOS	MH-V381	320	322	854 KB	

1 - Select this box

2 - click down arrow button to download and install the bios

Scan | Download | Total installer

Information

Operating system / Windows 10 64-bit
Motherboard BIOS version / A.90
Serial Number / H816088430

Motherboard model / Z370 GODLIKE GAMING (MS-7A98)
Graphics card model / AMD Radeon RX 5600 XT
Graphics card BIOS version / TV381MH.320

Last Scan 2020/01/22



Live Update vBIOS – Step 4

1. Click “Yes” button to start the vBIOS updating process
2. Click “Next”

msi LIVE UPDATE 6 DQA Mode Is Running

System information | Online Help | FAQ | BIOS Update

BIOS Update

Type	Item	Latest Ver.	Size	Download
VGA BIOS	MH-V381	302	854 KB	

Save Path = C:\MSI\LiveUpdate\DL_FILE\

YES Browse

Click “Yes button” and start to flash the BIOS

Information

Operating system / Windows 10 64-bit
Motherboard BIOS version / A.90
Serial Number / H816088430

Motherboard model / Z370 GODLIKE GAMING (MS-7A98)
Graphics card model / AMD Radeon RX 5600 XT
Graphics card BIOS version / TV381MH.301

Last Scan 2020/01/22

msi LIVE UPDATE 6 DQA Mode Is Running

System information | Online Help | FAQ | BIOS Update

BIOS Update

E-Setup

Setup is going to install the software in your system. And it may take several minutes to process (depending on your system configurations).

MSI VGA BIOS MH-V381.302
Version: 3.02

To start installing software, click Next. **Click Next**

Next > Cancel

Information

Operating system / Windows 10 64-bit
Motherboard BIOS version / A.90
Serial Number / H816088430

Motherboard model / Z370 GODLIKE GAMING (MS-7A98)
Graphics card model / AMD Radeon RX 5600 XT
Graphics card BIOS version / TV381MH.301

Last Scan 2020/01/22

Live Update vBIOS – Step 5



The updating process should take around 10 seconds.

When successfully completed, the command prompt will show the text “Press any key to continue...”. Press any key to reboot your PC.

```
C:\Windows\system32\cmd.exe
Old SSID: 381E
New SSID: 381E
The result of RSA signature verify is PASS.
Old DeviceID: 731F
New DeviceID: 731F
Old Product Name: 113-MSITV381MH.320
New Product Name: 113-MSITV381MH.322
Old BIOS Version: 017.001.000.049.000000
New BIOS Version: 017.001.000.049.000000
Flash type: W25Q80
```

```
C:\Windows\system32\cmd.exe
Old SSID: 381E
New SSID: 381E
The result of RSA signature verify is PASS.
Old DeviceID: 731F
New DeviceID: 731F
Old Product Name: 113-MSITV381MH.320
New Product Name: 113-MSITV381MH.322
Old BIOS Version: 017.001.000.049.000000
New BIOS Version: 017.001.000.049.000000
Flash type: W25Q80
100000/100000h bytes programmed
100000/100000h bytes verified

Restart System To Complete VBIOS Update.
*****
* Please continue restart your system for graphics driver working *
*****
Press any key to continue . . .
```



Live Update vBIOS – Step 6

Checking the BIOS version in Live Update 6

After updating, the BIOS version should be:

- RX 5600 XT MECH OC: **V381MH.323 or later**
- RX 5600 XT MECH: **TV381MH.332 or later**

The screenshot shows the MSI Live Update 6 application window. At the top, there are tabs for System information, Online Help, FAQ, and BIOS Update. The BIOS Update tab is active, displaying a table with columns for Type, Item, Current Ver., Online Ver., and Size. A small dialog box is overlaid on the table, stating: "LIVE UPDATE 6 Your BIOS are the latest version. There is no need to update. OK". At the bottom left, there is an "Information" section with the following text: "Operating system / Windows 10 64-bit", "Motherboard BIOS version / A.90", "Serial Number / H816088430". At the bottom right, there is a yellow-bordered box containing the following text: "Motherboard model / Z370 GODLIKE GAMING (MS-7A98)", "Graphics card model / AMD Radeon RX 5600 XT", "Graphics card BIOS version / TV381MH.302". The bottom right corner of the application shows "Last Scan 2020/01/22".

Checking the memory speed via [GPU-Z](#)

If your RX 5600 XT was successfully flashed, your Memory speed should now be **1750 MHz**

The screenshot shows the GPU-Z software interface for an AMD Radeon RX 5600 XT. The "Memory" field is highlighted with a red box and shows a value of 1750 MHz. Other fields include Driver Date (Apr 01, 2020), Digital Signature (Beta), GPU Clock (1235 MHz), Default Clock (1235 MHz), Boost (1620 MHz), and AMD CrossFire (Disabled). The "Computing Technologies" section shows OpenCL, DirectCompute, DirectML, Vulkan, and OpenGL 4.6 checked, while CUDA, Ray Tracing, and PhysX are unchecked.



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