

Technical Reference - Q&A

Q: Does my motherboard support AMD AM3+ CPU?

A:

For support AMD AM3+ CPU, it required correspond H/W or BIOS update.

Please follow below steps to check if your motherboard supports AMD AM3+ CPU.

1. Please check if your motherboard is in below list:

Chipset	Model
AMD 990FX	Fatal1ty 990FX Professional
	990FX Extreme4
	990FX Extreme3
AMD 970	970 Extreme4
	970 Extreme3
AMD 890GX	890GM Pro3 R2.0
	890GX Extreme4 R2.0
AMD 890FX	890FX Deluxe5
	890FX Deluxe4
AMD 880G	880G Pro3
	880GMH/U3S3
AMD 870	870 Extreme3 R2.0
	870iCafe R2.0
AMD 785G	985GM-GS3 FX
AMD 770	770 Extreme3
	770iCafe
	770DE3L
AMD 760G	960GM-GS3 FX
	960GM-S3 FX
NVIDIA GeForce 7025 / nForce 630a	N68-VS3 FX
	N68-VGS3 FX
	N68-S3 FX
	N68-GS3 FX

*How to check the MB model name:

Please refer below Model Name Finding link:

<http://www.asrock.com/support/index.asp?cat=ModelName>

2. If your motherboard is in the support list, please check the BIOS version of motherboard.

A) Below models support AM3+ CPU with the first released BIOS.

Chipset	Model	Support since BIOS version
AMD 990FX	990FX Extreme3	All
AMD 970	970 Extreme3	All
AMD 785G	985GM-GS3 FX	All
AMD 760G	960GM-GS3 FX	All
	960GM-S3 FX	All
NVIDIA GeForce 7025 / nForce 630a	N68-VS3 FX	All
	N68-VGS3 FX	All
	N68-S3 FX	All
	N68-GS3 FX	All

B) For below ASRock motherboards, please update correspond BIOS version or later.

Chipset	Model	Support since BIOS version
AMD 990FX	Fatal1ty 990FX Professional	P1.20
	990FX Extreme4	P1.30
AMD 970	970 Extreme4	P1.40
AMD 890GX	890GM Pro3 R2.0	P1.50
	890GX Extreme4 R2.0	P1.50
AMD 890FX	890FX Deluxe5	P1.50
	890FX Deluxe4	L1.55C
AMD 880G	880G Pro3	P1.40
	880GMH/U3S3	P1.50
AMD 870	870 Extreme3 R2.0	P1.50
	870iCafe R2.0	P1.40
AMD 770	770 Extreme3	L1.84
	770iCafe	L1.83
	770DE3L	L1.33

For BIOS download, please refer to ASRock BIOS download link as follows:

<http://www.asrock.com/support/download.asp>

*How to check the motherboard BIOS version:

Please Press "F2" during system boot up and get into the BIOS settings, you may find the model name from the BIOS version in the Main Page.

For example:

ASROCK UEFI



Main



OC Tweaker



Advanced



H/W Monitor

UEFI Version : 880GMH/U3S3 L1.46
Processor Type : AMD FX(tm)-8100 Eight-Core Processor
Processor Speed : 2800MHz
Microcode Update : 600F12/6000605
L1 Cache Size : 640KB
L2 Cache Size : 8192KB
L3 Cache Size : 8192KB

Total Memory : 4096MB with 256MB shared memory
Single-Channel Memory Mode
DDR3_A1 : None
DDR3_B1 : None
DDR3_A2 : 4096MB (DDR3-1333)
DDR3_B2 : None