

# AMD Ryzen™ Chipset Driver Release Notes (2.04.04.111)

**Article Number:** RN-RYZEN-CHIPSET-2-04-04-111

## AMD Ryzen™ Chipset Driver Release Notes (2.04.04.111) Highlights

### Release Highlights

- Removed deprecated device IDs from the IOV driver
- Removed deprecated device IDs from the USB 3.0 driver
- General system stability improvements

### Fixed Issues

- Installer may hang during installation progress
- Installer may abort with “Error 1720” code
- Installation will not install on a non C:\ location
- Resolved screen rotation bug with select AMD mobile processors
- Rare system halt on 7th Gen AMD A-Series APUs

### Known Issues

- Windows Installer pop up message may appear during install
- Moving installer window during install process may cause installer window to flicker/move around the screen
- Cannot open installation log file after completion
- Installer may not update a sub-package to the latest version
  - Workaround: Manually uninstall any prior sub-package, reboot, then re-install the full Chipset package

### Chipset Support

**Windows 7**

**Windows 10**

AMD TRX40	No	Yes
AMD X570	No	Yes
AMD X399	No	Yes
AMD X470	Yes	Yes
AMD B450	Yes	Yes
AMD X370	Yes	Yes
AMD B350	Yes	Yes
AMD A320	Yes	Yes

## Processor Support

	Windows 7	Windows 10
1 <sup>st</sup> /2 <sup>nd</sup> /3 <sup>rd</sup> Gen AMD Ryzen™ Threadripper™ Processors	No	Yes
3 <sup>rd</sup> Gen AMD Ryzen™ Desktop Processors	No	Yes
AMD Ryzen™ Desktop Processors with Radeon™ Graphics	No	Yes
AMD Ryzen™ Mobile Processors with Radeon™ Graphics	No	Yes
1 <sup>st</sup> /2 <sup>nd</sup> Gen AMD Ryzen™ Desktop Processors	Yes	Yes
2 <sup>nd</sup> Gen AMD Ryzen™ Desktop Processors	Yes	Yes
7 <sup>th</sup> Gen AMD A-Series Processor	Yes	Yes

## Package Contents

The AMD Ryzen™ Chipset Driver installation package contains various independent drivers designed to support the following Microsoft® Windows® platforms. Operating System support may vary depending on your specific AMD product

Driver Name	Windows 7	Windows 10
AMD Ryzen Power Plan	No	5.0.0.0

AMD PCI Device Driver	1.0.0.67	1.0.0.76
AMD I2C Driver	No	1.2.0.99
AMD UART Driver	No	1.2.0.106
AMD GPIO2 Driver	No	2.2.0.126
PT GPIO Driver	No	2.0.1.0
AMD PSP Driver	4.10.0.1	4.11.0.0
AMD IOV Driver	1.2.0.43	1.2.0.47
AMD SMBUS Driver	5.12.0.38	5.12.0.38
AMD AS4 ACPI Driver	No	1.2.0.46
AMD SFH I2C Driver	No	1.0.0.86
AMD USB Filter Driver	2.0.10.287	2.1.11.304
AMD SFH Driver	No	1.0.0.300
AMD CIR Driver	3.2.4.110	3.2.4.135
AMD MicroPEP Driver	No	1.0.25.0
AMD USB 3.0 Driver for ZP	2.0.0.60	No
PT USB 3.1 Driver	1.0.5.3	No
AMD USB Driver for Hudson	1.1.0.276	No
AMD SATA Driver	1.2.1.402	No
AMD USB 3.1 Driver	1.0.0.12	No

## Installation of Software

Note: Close all opened applications before attempting the install process.

- Unzip and extract the deliverable folder 'AMD\_Software\_<Version>.zip' containing:
  - Release Notes
  - Installation Executable
- Double click and invoke the installation executable named '*AMD\_Chipset\_Software.exe*'.

- Provide administrative privilege explicitly if prompted for, by clicking 'YES' in the UAC prompt.
- By default, the executable extracts files under "C:\AMD\Chipset\_Driver\_Installer\AMD\_Chipset\_Drivers" and "C:\AMD\Chipset\_Driver\_Installer\ChipsetDriversExtract" to continue with installation.
- Any driver specific file changes can be made under "C:\AMD\Chipset\_Driver\_Installer\AMD\_Chipset\_Drivers\IODriver\<DriverName>"
- Re-run the executable and continue with above mentioned steps to select any more drivers to be deployed on the system.

## Uninstallation of Software:

- Once installation completes successfully, uninstallation can be done by clicking 'Uninstall' after selecting on 'AMD Chipset Drivers' entry in control panel which removes all uninstall-able drivers deployed via 'AMD\_Chipset\_Software.exe' from the system.

**Note:** To give better user experience, AMD UART, AMD GPIO & AMD I2C Drivers were made as non-uninstallable drivers from 'AMD Chipset Drivers' entry in control panel, even if deployed on the system

## Installation using the Command Line Interface

For instructions on how to perform an unattended installation of the Software using the Command Line Interface, please follow the below steps

- Unzip and extract the deliverable folder 'AMD\_Software\_<Version>.zip' containing:
  - Release Notes
  - Installation Executable
- Invoke command prompt with below enlisted commands:

### Silent deployment scenarios:

#### Commands to be used:

Silent Install	START /WAIT "" <path to executable with exe name> /S
Silent Uninstall	START /WAIT "" <path to executable with exe name> /S /EXPRESSUNINSTALL=1
Custom Silent Install	START /WAIT "" <path to executable with exe name> /S /CUSTOMINSTALL="<feature name/names assigned to the drivers that are to be installed separated by comma>"
Custom Silent Uninstall	START /WAIT "" <path to executable with exe name> /S /CUSTOMUNINSTALL="<feature name/names assigned to the drivers that are to be uninstalled separated by comma>"

- Please find the feature name/names assigned to respective drivers as below:

Driver Name	Corresponding feature name/names to be passed in command line
AMD CIR Driver	CIR
AMD I2C Driver	I2C
AMD PSP Driver	PSP
AMD Ryzen Power Plan	RYZENPPKG
AMD USB 3.0 Driver for ZP	USBHUB, USBCNTRL
PT USB 3.1 Driver	USBHUB_PT, USBCNTRL_PT
AMD PCI Device Driver	PCI
AMD UART Driver	UART
AMD GPIO2 Driver	GPIO2
PT GPIO Driver	GPIO3
AMD IOV Driver	IOV_WT
AMD USB Driver for Hudson	USBHUB_HD, USBCNTRL_HD
AMD SFH I2C Driver	SFHI2C
AMD USB Filter Driver	FILTERUSB
AMD SFH Driver	SFHDRV
AMD SATA Driver	SATA
AMD SMBUS Driver	SMBUS
AMD AS4 ACPI Driver	AS4ACPI

© 2020 Advanced Micro Devices, Inc. All Rights Reserved.

#### DISCLAIMER

The information contained herein is for informational purposes only and is subject to change without notice. While every precaution has been taken in the preparation of this document, it may contain technical inaccuracies, omissions and typographical errors, and AMD is under no obligation to update or otherwise correct this information. Advanced Micro Devices, Inc. makes no representations or

warranties with respect to the accuracy or completeness of the contents of this document and assumes no liability of any kind, including the implied warranties of non-infringement, merchantability or fitness for particular purposes, with respect to the operation or use of AMD hardware, software or other products described herein. No license, including implied or arising by estoppel, to any intellectual property rights is granted by this document. This notice does not change the terms and limitations applicable to the purchase or use of AMD's products that may be set forth in a separate signed agreement between you and AMD.

**OVERCLOCKING WARNING:** AMD processors are intended to be operated only within their associated specifications and factory settings. Operating your AMD processor outside of official AMD specifications or outside of factory settings, including but not limited to the conducting of overclocking (including use of this overclocking software, even if such software has been directly or indirectly provided by AMD or otherwise affiliated in any way with AMD), may damage your processor and/or lead to other problems, including but not limited to, damage to your system components (including your motherboard and components thereon (e.g. memory)), system instabilities (e.g. data loss and corrupted images), reduction in system performance, shortened processor, system component and/or system life and in extreme cases, total system failure. AMD does not provide support or service for issues or damages related to use of an AMD processor outside of official AMD specifications or outside of factory settings. You may also not receive support or service from your board or system manufacturer. Please make sure you have saved all important data before using this overclocking software. **DAMAGES CAUSED BY USE OF YOUR AMD PROCESSOR OUTSIDE OF OFFICIAL AMD SPECIFICATIONS OR OUTSIDE OF FACTORY SETTINGS ARE NOT COVERED UNDER ANY AMD PRODUCT WARRANTY AND MAY NOT BE COVERED BY YOUR BOARD OR SYSTEM MANUFACTURER'S WARRANTY.**

The software that has been directly or indirectly provided by AMD or an entity otherwise affiliated with AMD may disable or alter: (1) software including features and functions in the operating system, drivers and applications, and other system settings; and (2) system services. **WHEN THE SOFTWARE IS USED TO DISABLE OR ALTER THESE ITEMS IN WHOLE OR PART, YOU MAY EXPERIENCE (A) INCREASED RISKS THAT CERTAIN SECURITY FUNCTIONS DO NOT FUNCTION THEREBY EXPOSING YOUR COMPUTER SYSTEM TO POTENTIAL SECURITY THREATS INCLUDING, WITHOUT LIMITATION, HARM FROM VIRUSES, WORMS AND OTHER HARMFUL SOFTWARE; (B) PERFORMANCE AND INTEROPERABILITY ISSUES THAT MAY ADVERSELY AFFECT YOUR EXPERIENCE AND THE STABILITY OF YOUR COMPUTING SYSTEM; AND (C) OTHER EXPERIENCES RESULTING IN ADVERSE EFFECTS, INCLUDING, BUT NOT LIMITED, TO DATA CORRUPTION OR LOSS.**

AMD, the AMD Arrow logo, AMD Radeon, AMD Freesync and combinations thereof are trademarks of Advanced Micro Devices, Inc.

Windows and DirectX are registered trademarks of Microsoft Corporation.

Vulkan and the Vulkan logo are registered trademarks of the Khronos Group Inc.

Other names used herein are for identification purposes only and may be trademarks of their respective companies

**Subscribe to the latest news from AMD**

---

**f** (<http://www.facebook.com/amd>)

**🐦** (<https://twitter.com/amd>)

**@** (<https://www.instagram.com/amd>)

**in** (<https://www.linkedin.com/company/amd>)

**✉** (<https://www.amd.com/en/corporate/subscriptions>)

**▶** ([https://www.youtube.com/user/amd?sub\\_confirmation=1](https://www.youtube.com/user/amd?sub_confirmation=1))

**🗣** (<https://www.twitch.tv/amd>)

## Company

About AMD (</en/corporate.html>)

Management Team (</en/corporate/leadership.html>)

Corporate Responsibility (<https://www.amd.com/en/corporate-responsibility>)

Careers (<https://careers.amd.com/careers-home>)

Contact Us (</en/corporate/contacts.html>)

## News & Events

Newsroom (</en/newsroom.html>)

Events (<https://www.amd.com/en/events>)

Media Library (<https://www.amd.com/en/corporate/newsroom-media>)

## Community

Support (<https://community.amd.com/t5/support-forums/ct-p/supprtforums>)

Developer (<https://community.amd.com/t5/developers/ct-p/devgurus>)

Red Team (<https://community.amd.com/t5/red-team/ct-p/red-team>)

## Partners

AMD Partner Hub (<https://www.amd.com/en/partner>)

Partner Resource Library (<https://www.amd.com/en/partner/resource-library>)

Authorized Distributors (<https://www.amd.com/en/partner/distributors>)

## Investors

Investor Relations (<https://ir.amd.com/>)

Financial Information (<https://ir.amd.com/financial-information>)

[Board of Directors \(https://ir.amd.com/leadership-governance/board-of-directors\)](https://ir.amd.com/leadership-governance/board-of-directors)

[Governance Documents \(https://ir.amd.com/leadership-governance/governance-documents\)](https://ir.amd.com/leadership-governance/governance-documents)

[SEC Filings \(https://ir.amd.com/sec-filings\)](https://ir.amd.com/sec-filings)

[Terms and Conditions \(/en/legal/copyright.html\)](/en/legal/copyright.html)

[Privacy \(/en/legal/privacy.html\)](/en/legal/privacy.html)

[Trademarks \(/en/legal/trademarks.html\)](/en/legal/trademarks.html)

[Statement on Forced Labor \(https://www.amd.com/system/files/documents/statement-human-trafficking-forced-labor.pdf\)](https://www.amd.com/system/files/documents/statement-human-trafficking-forced-labor.pdf)

[Fair & Open Competition \(/en/legal/competition.html\)](/en/legal/competition.html)

[UK Tax Strategy \(https://www.amd.com/system/files/documents/amd-uk-tax-strategy.pdf\)](https://www.amd.com/system/files/documents/amd-uk-tax-strategy.pdf)

[Cookies Policy \(/en/legal/cookies.html\)](/en/legal/cookies.html)

[Cookies Settings](#)

© 2023 Advanced Micro Devices, Inc