



# CVE-2023-20533

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

## Summary

<b>CVE</b>	CVE-2023-20533
<b>State</b>	RESERVED
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2023-11-14 19:15:00 UTC
<b>Updated</b>	2023-11-27 19:31:00 UTC
<b>Description</b>	** RESERVED ** This candidate has been reserved by an organization or individual that will use it when announcing a new

## Risk And Classification

**Problem Types:** NVD-CWE-noinfo

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7203</a>	-	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7203p</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7203p Firmware</a>	All	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7203 Firmware</a>	All	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7232p</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7232p Firmware</a>	All	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7252</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7252 Firmware</a>	All	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7262</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7262 Firmware</a>	All	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7272</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7272 Firmware</a>	All	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7282</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7282 Firmware</a>	All	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 72f3</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 72f3 Firmware</a>	All	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7302</a>	-	All	All	All

Hardware	Amd	Epyc 7302p	-	All	All	All
Operating System	Amd	Epyc 7302p Firmware	All	All	All	All
Operating System	Amd	Epyc 7302 Firmware	All	All	All	All
Hardware	Amd	Epyc 7303	-	All	All	All
Hardware	Amd	Epyc 7303p	-	All	All	All
Operating System	Amd	Epyc 7303p Firmware	All	All	All	All
Operating System	Amd	Epyc 7303 Firmware	All	All	All	All
Hardware	Amd	Epyc 7313	-	All	All	All
Hardware	Amd	Epyc 7313p	-	All	All	All
Operating System	Amd	Epyc 7313p Firmware	All	All	All	All
Operating System	Amd	Epyc 7313 Firmware	All	All	All	All
Hardware	Amd	Epyc 7343	-	All	All	All
Operating System	Amd	Epyc 7343 Firmware	All	All	All	All
Hardware	Amd	Epyc 7352	-	All	All	All
Operating System	Amd	Epyc 7352 Firmware	All	All	All	All
Hardware	Amd	Epyc 7373x	-	All	All	All
Operating System	Amd	Epyc 7373x Firmware	All	All	All	All
Hardware	Amd	Epyc 73f3	-	All	All	All
Operating System	Amd	Epyc 73f3 Firmware	All	All	All	All
Hardware	Amd	Epyc 7402	-	All	All	All
Hardware	Amd	Epyc 7402p	-	All	All	All
Operating System	Amd	Epyc 7402p Firmware	All	All	All	All
Operating System	Amd	Epyc 7402 Firmware	All	All	All	All
Hardware	Amd	Epyc 7413	-	All	All	All
Operating System	Amd	Epyc 7413 Firmware	All	All	All	All
Hardware	Amd	Epyc 7443	-	All	All	All
Hardware	Amd	Epyc 7443p	-	All	All	All
Operating System	Amd	Epyc 7443p Firmware	All	All	All	All
Operating System	Amd	Epyc 7443 Firmware	All	All	All	All
Hardware	Amd	Epyc 7452	-	All	All	All
Operating System	Amd	Epyc 7452 Firmware	All	All	All	All
Hardware	Amd	Epyc 7453	-	All	All	All
Operating System	Amd	Epyc 7453 Firmware	All	All	All	All
Hardware	Amd	Epyc 7473x	-	All	All	All
Operating System	Amd	Epyc 7473x Firmware	All	All	All	All

Hardware	Amd	Epyc 74f3	-	All	All	All
Operating System	Amd	Epyc 74f3 Firmware	All	All	All	All
Hardware	Amd	Epyc 7502	-	All	All	All
Hardware	Amd	Epyc 7502p	-	All	All	All
Operating System	Amd	Epyc 7502p Firmware	All	All	All	All
Operating System	Amd	Epyc 7502 Firmware	All	All	All	All
Hardware	Amd	Epyc 7513	-	All	All	All
Operating System	Amd	Epyc 7513 Firmware	All	All	All	All
Hardware	Amd	Epyc 7532	-	All	All	All
Operating System	Amd	Epyc 7532 Firmware	All	All	All	All
Hardware	Amd	Epyc 7542	-	All	All	All
Operating System	Amd	Epyc 7542 Firmware	All	All	All	All
Hardware	Amd	Epyc 7543	-	All	All	All
Hardware	Amd	Epyc 7543p	-	All	All	All
Operating System	Amd	Epyc 7543p Firmware	All	All	All	All
Operating System	Amd	Epyc 7543 Firmware	All	All	All	All
Hardware	Amd	Epyc 7552	-	All	All	All
Operating System	Amd	Epyc 7552 Firmware	All	All	All	All
Hardware	Amd	Epyc 7573x	-	All	All	All
Operating System	Amd	Epyc 7573x Firmware	All	All	All	All
Hardware	Amd	Epyc 75f3	-	All	All	All
Operating System	Amd	Epyc 75f3 Firmware	All	All	All	All
Hardware	Amd	Epyc 7642	-	All	All	All
Operating System	Amd	Epyc 7642 Firmware	All	All	All	All
Hardware	Amd	Epyc 7643	-	All	All	All
Hardware	Amd	Epyc 7643p	-	All	All	All
Operating System	Amd	Epyc 7643p Firmware	All	All	All	All
Operating System	Amd	Epyc 7643 Firmware	All	All	All	All
Hardware	Amd	Epyc 7662	-	All	All	All
Operating System	Amd	Epyc 7662 Firmware	All	All	All	All
Hardware	Amd	Epyc 7663	-	All	All	All
Hardware	Amd	Epyc 7663p	-	All	All	All
Operating System	Amd	Epyc 7663p Firmware	All	All	All	All
Operating System	Amd	Epyc 7663 Firmware	All	All	All	All
Hardware	Amd	Epyc 7702	-	All	All	All

Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7702p</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7702p Firmware</a>	All	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7702 Firmware</a>	All	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7713</a>	-	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7713p</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7713p Firmware</a>	All	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7713 Firmware</a>	All	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7742</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7742 Firmware</a>	All	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7763</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7763 Firmware</a>	All	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7773x</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7773x Firmware</a>	All	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7f32</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7f32 Firmware</a>	All	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7f52</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7f52 Firmware</a>	All	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7f72</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7f72 Firmware</a>	All	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Epyc 7h12</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Epyc 7h12 Firmware</a>	All	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Ryzen 3 3100</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen 3 3100 Firmware</a>	-	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Ryzen 3 3300x</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen 3 3300x Firmware</a>	-	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Ryzen 5 3500</a>	-	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Ryzen 5 3500x</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen 5 3500x Firmware</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen 5 3500 Firmware</a>	-	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Ryzen 5 3600</a>	-	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Ryzen 5 3600x</a>	-	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Ryzen 5 3600xt</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen 5 3600xt Firmware</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen 5 3600x Firmware</a>	-	All	All	All
Operating System	<a href="#">Amd</a>	<a href="#">Ryzen 5 3600 Firmware</a>	-	All	All	All
Hardware	<a href="#">Amd</a>	<a href="#">Ryzen 5 5500</a>	-	All	All	All

Operating System	Amd	Ryzen 5 5500 Firmware	All	All	All	All
Hardware	Amd	Ryzen 5 5600	-	All	All	All
Hardware	Amd	Ryzen 5 5600x	-	All	All	All
Operating System	Amd	Ryzen 5 5600x Firmware	All	All	All	All
Operating System	Amd	Ryzen 5 5600 Firmware	All	All	All	All
Hardware	Amd	Ryzen 7 3700x	-	All	All	All
Operating System	Amd	Ryzen 7 3700x Firmware	-	All	All	All
Hardware	Amd	Ryzen 7 3800x	-	All	All	All
Hardware	Amd	Ryzen 7 3800xt	-	All	All	All
Operating System	Amd	Ryzen 7 3800xt Firmware	-	All	All	All
Operating System	Amd	Ryzen 7 3800x Firmware	-	All	All	All
Hardware	Amd	Ryzen 7 5700x	-	All	All	All
Operating System	Amd	Ryzen 7 5700x Firmware	All	All	All	All
Hardware	Amd	Ryzen 7 5800	-	All	All	All
Hardware	Amd	Ryzen 7 5800x	-	All	All	All
Hardware	Amd	Ryzen 7 5800x3d	-	All	All	All
Operating System	Amd	Ryzen 7 5800x3d Firmware	All	All	All	All
Operating System	Amd	Ryzen 7 5800x Firmware	All	All	All	All
Operating System	Amd	Ryzen 7 5800 Firmware	All	All	All	All
Hardware	Amd	Ryzen 9 3900	-	All	All	All
Hardware	Amd	Ryzen 9 3900x	-	All	All	All
Hardware	Amd	Ryzen 9 3900xt	-	All	All	All
Operating System	Amd	Ryzen 9 3900xt Firmware	-	All	All	All
Operating System	Amd	Ryzen 9 3900x Firmware	-	All	All	All
Operating System	Amd	Ryzen 9 3900 Firmware	-	All	All	All
Hardware	Amd	Ryzen 9 3950x	-	All	All	All
Operating System	Amd	Ryzen 9 3950x Firmware	-	All	All	All
Hardware	Amd	Ryzen 9 5900	-	All	All	All
Hardware	Amd	Ryzen 9 5900x	-	All	All	All
Operating System	Amd	Ryzen 9 5900x Firmware	All	All	All	All
Operating System	Amd	Ryzen 9 5900 Firmware	All	All	All	All
Hardware	Amd	Ryzen 9 5950x	-	All	All	All
Operating System	Amd	Ryzen 9 5950x Firmware	All	All	All	All
Hardware	Amd	Ryzen Threadripper 3960x	-	All	All	All
Operating System	Amd	Ryzen Threadripper 3960x Firmware	All	All	All	All

Hardware	Amd	Ryzen Threadripper 3970x	-	All	All	All
Operating System	Amd	Ryzen Threadripper 3970x Firmware	All	All	All	All
Hardware	Amd	Ryzen Threadripper 3990x	-	All	All	All
Operating System	Amd	Ryzen Threadripper 3990x Firmware	All	All	All	All
Hardware	Amd	Ryzen Threadripper Pro 3945wx	-	All	All	All
Operating System	Amd	Ryzen Threadripper Pro 3945wx Firmware	-	All	All	All
Hardware	Amd	Ryzen Threadripper Pro 3955wx	-	All	All	All
Operating System	Amd	Ryzen Threadripper Pro 3955wx Firmware	-	All	All	All
Hardware	Amd	Ryzen Threadripper Pro 3975wx	-	All	All	All
Operating System	Amd	Ryzen Threadripper Pro 3975wx Firmware	-	All	All	All
Hardware	Amd	Ryzen Threadripper Pro 3995wx	-	All	All	All
Operating System	Amd	Ryzen Threadripper Pro 3995wx Firmware	All	All	All	All
Operating System	Amd	Ryzen Threadripper Pro 3995wx Firmware	-	All	All	All

## References

Reference	Source	Link	Tags
<a href="http://www.amd.com/en/corporate/product-security/bulletin/AMD-SB-3002">www.amd.com/en/corporate/product-security/bulletin/AMD-SB-3002</a>		<a href="http://www.amd.com">www.amd.com</a>	
<a href="http://www.amd.com/en/corporate/product-security/bulletin/AMD-SB-4002">www.amd.com/en/corporate/product-security/bulletin/AMD-SB-4002</a>		<a href="http://www.amd.com">www.amd.com</a>	
CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="http://nvd.nist.gov">nvd.nist.gov</a>	canonical, analysis

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

755378 SUSE Enterprise Linux Security Update for kernel-firmware (SUSE-SU-2023:4654-1)

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