



CVE-2019-6496

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

Summary

CVE	CVE-2019-6496
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2019-01-20 20:29:00 UTC
Updated	2020-08-24 17:37:00 UTC
Description	The ThreadX-based firmware on Marvell Avastar Wi-Fi devices, models 88W8787, 88W8797, 88W8801, 88W8897, and 88

Risk And Classification

Problem Types: CWE-787

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Marvell	88w8787	-	All	All	All
Hardware	Marvell	88w8787	-	All	All	All
Operating System	Marvell	88w8787 Firmware	-	All	All	All
Operating System	Marvell	88w8787 Firmware	-	All	All	All
Hardware	Marvell	88w8797	-	All	All	All
Hardware	Marvell	88w8797	-	All	All	All
Operating System	Marvell	88w8797 Firmware	-	All	All	All
Operating System	Marvell	88w8797 Firmware	-	All	All	All
Hardware	Marvell	88w8801	-	All	All	All
Hardware	Marvell	88w8801	-	All	All	All
Operating System	Marvell	88w8801 Firmware	-	All	All	All
Operating System	Marvell	88w8801 Firmware	-	All	All	All
Hardware	Marvell	88w8897	-	All	All	All
Hardware	Marvell	88w8897	-	All	All	All
Operating System	Marvell	88w8897 Firmware	-	All	All	All
Operating System	Marvell	88w8897 Firmware	-	All	All	All
Hardware	Marvell	88w8997	-	All	All	All

Hardware	Marvell	88w8997	-	All	All	All
Operating System	Marvell	88w8997 Firmware	-	All	All	All
Operating System	Marvell	88w8997 Firmware	-	All	All	All

References

Reference	Source	Link
Synology Inc.	CONFIRM	www.
VU#730261 - Marvell Avastar wireless SoCs have multiple vulnerabilities	CERT-VN	www.
Remotely compromise devices by using bugs in Marvell Avastar Wi-Fi: from zero knowledge to zero-click RCE – Embedi	MISC	embe
WiFi CVE-2019-6496 Marvell's Statement	CONFIRM	www.
WiFi firmware bug affects laptops, smartphones, routers, gaming devices ZDNet	MISC	www.
2018.zeronights.ru/wp-content/uploads/materials/19-Researching-Marvell-Avastar-W...	MISC	2018.
Multiple Marvell SOC's CVE-2019-6496 Multiple Arbitrary Code Execution Vulnerabilities	BID	www.
CVE Program record	CVE.ORG	www.
NVD vulnerability detail	NVD	nvd.n

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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