



CVE-2022-24410

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064_img.jpg\)](#)

Summary

CVE	CVE-2022-24410
State	PUBLIC
Assigner	secure@dell.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-02-10 11:15:00 UTC
Updated	2023-11-07 03:44:00 UTC
Description	Dell BIOS contains an information exposure vulnerability. An unauthenticated local attacker with physical access to the system can exploit this vulnerability to read sensitive information from the BIOS. This vulnerability is caused by a buffer overflow in the BIOS. An unauthenticated local attacker with physical access to the system can exploit this vulnerability to read sensitive information from the BIOS. This vulnerability is caused by a buffer overflow in the BIOS.

Risk And Classification

Problem Types: CWE-312

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Dell	Alienware 13 R2	-	All	All	All
Operating System	Dell	Alienware 13 R2 Firmware	All	All	All	All
Hardware	Dell	Alienware 13 R3	-	All	All	All
Operating System	Dell	Alienware 13 R3 Firmware	All	All	All	All
Hardware	Dell	Alienware 15 R2	-	All	All	All
Operating System	Dell	Alienware 15 R2 Firmware	All	All	All	All
Hardware	Dell	Alienware 15 R3	-	All	All	All
Operating System	Dell	Alienware 15 R3 Firmware	All	All	All	All
Hardware	Dell	Alienware 15 R4	-	All	All	All
Operating System	Dell	Alienware 15 R4 Firmware	All	All	All	All
Hardware	Dell	Alienware 17 R3	-	All	All	All
Operating System	Dell	Alienware 17 R3 Firmware	All	All	All	All
Hardware	Dell	Alienware 17 R4	-	All	All	All
Operating System	Dell	Alienware 17 R4 Firmware	All	All	All	All
Hardware	Dell	Alienware 17 R5	-	All	All	All
Operating System	Dell	Alienware 17 R5 Firmware	All	All	All	All
Hardware	Dell	Alienware Area 51m R1	-	All	All	All

Operating System	Dell	Alienware Area 51m R1 Firmware	All	All	All	All
Hardware	Dell	Alienware Area 51m R2	-	All	All	All
Operating System	Dell	Alienware Area 51m R2 Firmware	All	All	All	All
Hardware	Dell	Alienware Aurora R11	-	All	All	All
Operating System	Dell	Alienware Aurora R11 Firmware	All	All	All	All
Hardware	Dell	Alienware Aurora R7	-	All	All	All
Operating System	Dell	Alienware Aurora R7 Firmware	All	All	All	All
Hardware	Dell	Alienware Aurora R8	-	All	All	All
Operating System	Dell	Alienware Aurora R8 Firmware	All	All	All	All
Hardware	Dell	Alienware Aurora R9	-	All	All	All
Operating System	Dell	Alienware Aurora R9 Firmware	All	All	All	All
Hardware	Dell	Alienware M15 R1	-	All	All	All
Operating System	Dell	Alienware M15 R1 Firmware	All	All	All	All
Hardware	Dell	Alienware M15 R2	-	All	All	All
Operating System	Dell	Alienware M15 R2 Firmware	All	All	All	All
Hardware	Dell	Alienware M15 R3	-	All	All	All
Operating System	Dell	Alienware M15 R3 Firmware	All	All	All	All
Hardware	Dell	Alienware M15 R4	-	All	All	All
Operating System	Dell	Alienware M15 R4 Firmware	All	All	All	All
Hardware	Dell	Alienware M15 R6	-	All	All	All
Operating System	Dell	Alienware M15 R6 Firmware	All	All	All	All
Hardware	Dell	Alienware M17 R1	-	All	All	All
Operating System	Dell	Alienware M17 R1 Firmware	All	All	All	All
Hardware	Dell	Alienware M17 R2	-	All	All	All
Operating System	Dell	Alienware M17 R2 Firmware	All	All	All	All
Hardware	Dell	Alienware M17 R3	-	All	All	All
Operating System	Dell	Alienware M17 R3 Firmware	All	All	All	All
Hardware	Dell	Alienware M17 R4	-	All	All	All
Operating System	Dell	Alienware M17 R4 Firmware	All	All	All	All
Hardware	Dell	Chengming 3977	-	All	All	All
Operating System	Dell	Chengming 3977 Firmware	All	All	All	All
Hardware	Dell	Chengming 3980	-	All	All	All
Operating System	Dell	Chengming 3980 Firmware	All	All	All	All
Hardware	Dell	Chengming 3988	-	All	All	All
Operating System	Dell	Chengming 3988 Firmware	All	All	All	All

Hardware	Dell	Chengming 3990	-	All	All	All
Operating System	Dell	Chengming 3990 Firmware	All	All	All	All
Hardware	Dell	Chengming 3991	-	All	All	All
Operating System	Dell	Chengming 3991 Firmware	All	All	All	All
Hardware	Dell	Embedded Box Pc 5000	-	All	All	All
Operating System	Dell	Embedded Box Pc 5000 Firmware	All	All	All	All
Hardware	Dell	G15 5511	-	All	All	All
Operating System	Dell	G15 5511 Firmware	All	All	All	All
Operating System	Dell	G15 5511 Firmware	1.9.0	All	All	All
Hardware	Dell	G3 15 3590	-	All	All	All
Operating System	Dell	G3 15 3590 Firmware	All	All	All	All
Hardware	Dell	G3 3500	-	All	All	All
Operating System	Dell	G3 3500 Firmware	All	All	All	All
Operating System	Dell	G3 3500 Firmware	1.12.0	All	All	All
Hardware	Dell	G3 3579	-	All	All	All
Operating System	Dell	G3 3579 Firmware	All	All	All	All
Hardware	Dell	G3 3779	-	All	All	All
Operating System	Dell	G3 3779 Firmware	All	All	All	All
Hardware	Dell	G5 15 5500	-	All	All	All
Operating System	Dell	G5 15 5500 Firmware	All	All	All	All
Hardware	Dell	G5 15 5590	-	All	All	All
Operating System	Dell	G5 15 5590 Firmware	All	All	All	All
Hardware	Dell	G5 5000	-	All	All	All
Operating System	Dell	G5 5000 Firmware	All	All	All	All
Hardware	Dell	G5 5090	-	All	All	All
Operating System	Dell	G5 5090 Firmware	All	All	All	All
Hardware	Dell	G7 15 7500	-	All	All	All
Operating System	Dell	G7 15 7500 Firmware	All	All	All	All
Hardware	Dell	G7 15 7590	-	All	All	All
Operating System	Dell	G7 15 7590 Firmware	All	All	All	All
Hardware	Dell	G7 17 7700	-	All	All	All
Operating System	Dell	G7 17 7700 Firmware	All	All	All	All
Hardware	Dell	G7 17 7790	-	All	All	All
Operating System	Dell	G7 17 7790 Firmware	All	All	All	All
Hardware	Dell	Inspiron 14 5410 2-in-1	-	All	All	All

Operating System	Dell	Inspiron 14 5410 2-in-1 Firmware	All	All	All	All
Hardware	Dell	Inspiron 15 3511	-	All	All	All
Operating System	Dell	Inspiron 15 3511 Firmware	All	All	All	All
Hardware	Dell	Inspiron 3268	-	All	All	All
Operating System	Dell	Inspiron 3268 Firmware	All	All	All	All
Hardware	Dell	Inspiron 3277	-	All	All	All
Operating System	Dell	Inspiron 3277 Firmware	All	All	All	All
Hardware	Dell	Inspiron 3280	-	All	All	All
Operating System	Dell	Inspiron 3280 Firmware	All	All	All	All
Hardware	Dell	Inspiron 3470	-	All	All	All
Hardware	Dell	Inspiron 3470	All	All	All	All
Hardware	Dell	Inspiron 3471	-	All	All	All
Operating System	Dell	Inspiron 3471 Firmware	All	All	All	All
Hardware	Dell	Inspiron 3477	-	All	All	All
Operating System	Dell	Inspiron 3477 Firmware	All	All	All	All
Hardware	Dell	Inspiron 3480	-	All	All	All
Hardware	Dell	Inspiron 3480 Aio	-	All	All	All
Operating System	Dell	Inspiron 3480 Aio Firmware	All	All	All	All
Operating System	Dell	Inspiron 3480 Firmware	All	All	All	All
Hardware	Dell	Inspiron 3481	-	All	All	All
Operating System	Dell	Inspiron 3481 Firmware	All	All	All	All
Hardware	Dell	Inspiron 3482	-	All	All	All
Operating System	Dell	Inspiron 3482 Firmware	All	All	All	All
Hardware	Dell	Inspiron 3490	-	All	All	All
Operating System	Dell	Inspiron 3490 Firmware	All	All	All	All
Hardware	Dell	Inspiron 3493	-	All	All	All
Operating System	Dell	Inspiron 3493 Firmware	All	All	All	All
Hardware	Dell	Inspiron 3501	-	All	All	All
Operating System	Dell	Inspiron 3501 Firmware	All	All	All	All
Hardware	Dell	Inspiron 3502	-	All	All	All
Operating System	Dell	Inspiron 3502 Firmware	All	All	All	All
Hardware	Dell	Inspiron 3580	-	All	All	All
Operating System	Dell	Inspiron 3580 Firmware	All	All	All	All
Hardware	Dell	Inspiron 3581	-	All	All	All
Operating System	Dell	Inspiron 3581 Firmware	All	All	All	All
Hardware	Dell	Inspiron 3582	-	All	All	All

Operating System	Dell	Inspiron 3582 Firmware	All	All	All	All
Hardware	Dell	Inspiron 3584	-	All	All	All
Operating System	Dell	Inspiron 3584 Firmware	All	All	All	All
Hardware	Dell	Inspiron 3590	-	All	All	All
Operating System	Dell	Inspiron 3590 Firmware	All	All	All	All
Hardware	Dell	Inspiron 3593	-	All	All	All
Operating System	Dell	Inspiron 3593 Firmware	All	All	All	All
Hardware	Dell	Inspiron 3668	-	All	All	All
Operating System	Dell	Inspiron 3668 Firmware	All	All	All	All
Hardware	Dell	Inspiron 3670	-	All	All	All
Operating System	Dell	Inspiron 3670 Firmware	All	All	All	All
Hardware	Dell	Inspiron 3671	-	All	All	All
Operating System	Dell	Inspiron 3671 Firmware	All	All	All	All
Hardware	Dell	Inspiron 3780	-	All	All	All
Operating System	Dell	Inspiron 3780 Firmware	All	All	All	All
Hardware	Dell	Inspiron 3781	-	All	All	All
Operating System	Dell	Inspiron 3781 Firmware	All	All	All	All
Hardware	Dell	Inspiron 3782	-	All	All	All
Operating System	Dell	Inspiron 3782 Firmware	All	All	All	All
Hardware	Dell	Inspiron 3790	-	All	All	All
Operating System	Dell	Inspiron 3790 Firmware	All	All	All	All
Hardware	Dell	Inspiron 3793	-	All	All	All
Operating System	Dell	Inspiron 3793 Firmware	All	All	All	All
Hardware	Dell	Inspiron 3880	-	All	All	All
Operating System	Dell	Inspiron 3880 Firmware	All	All	All	All
Hardware	Dell	Inspiron 3881	-	All	All	All
Operating System	Dell	Inspiron 3881 Firmware	All	All	All	All
Hardware	Dell	Inspiron 3891	-	All	All	All
Operating System	Dell	Inspiron 3891 Firmware	All	All	All	All
Hardware	Dell	Inspiron 5300	-	All	All	All
Operating System	Dell	Inspiron 5300 Firmware	All	All	All	All
Hardware	Dell	Inspiron 5301	-	All	All	All
Operating System	Dell	Inspiron 5301 Firmware	All	All	All	All
Hardware	Dell	Inspiron 5310	-	All	All	All
Operating System	Dell	Inspiron 5310 Firmware	All	All	All	All

Hardware	Dell	Inspiron 5390	-	All	All	All
Operating System	Dell	Inspiron 5390 Firmware	All	All	All	All
Hardware	Dell	Inspiron 5391	-	All	All	All
Operating System	Dell	Inspiron 5391 Firmware	All	All	All	All
Hardware	Dell	Inspiron 5400	-	All	All	All
Hardware	Dell	Inspiron 5400 2-in-1	-	All	All	All
Operating System	Dell	Inspiron 5400 2-in-1 Firmware	All	All	All	All
Operating System	Dell	Inspiron 5400 Firmware	All	All	All	All
Hardware	Dell	Inspiron 5401	-	All	All	All
Hardware	Dell	Inspiron 5401 Aio	-	All	All	All
Operating System	Dell	Inspiron 5401 Aio Firmware	All	All	All	All
Operating System	Dell	Inspiron 5401 Firmware	All	All	All	All
Hardware	Dell	Inspiron 5402	-	All	All	All
Operating System	Dell	Inspiron 5402 Firmware	All	All	All	All
Hardware	Dell	Inspiron 5406 2-in-1	-	All	All	All
Operating System	Dell	Inspiron 5406 2-in-1 Firmware	All	All	All	All
Hardware	Dell	Inspiron 5408	-	All	All	All
Operating System	Dell	Inspiron 5408 Firmware	All	All	All	All
Hardware	Dell	Inspiron 5409	-	All	All	All
Operating System	Dell	Inspiron 5409 Firmware	All	All	All	All
Hardware	Dell	Inspiron 5477	-	All	All	All
Operating System	Dell	Inspiron 5477 Firmware	All	All	All	All
Hardware	Dell	Inspiron 5480	-	All	All	All
Hardware	Dell	Inspiron 5480 2-in-1	-	All	All	All
Operating System	Dell	Inspiron 5480 2-in-1 Firmware	All	All	All	All
Operating System	Dell	Inspiron 5480 Firmware	All	All	All	All
Hardware	Dell	Inspiron 5490	-	All	All	All
Hardware	Dell	Inspiron 5490 Aio	-	All	All	All
Operating System	Dell	Inspiron 5490 Aio Firmware	All	All	All	All
Operating System	Dell	Inspiron 5490 Firmware	All	All	All	All
Hardware	Dell	Inspiron 5491 2-in-1	-	All	All	All
Operating System	Dell	Inspiron 5491 2-in-1 Firmware	All	All	All	All
Hardware	Dell	Inspiron 5491 Aio	-	All	All	All
Operating System	Dell	Inspiron 5491 Aio Firmware	All	All	All	All
Hardware	Dell	Inspiron 5493	-	All	All	All
Operating System	Dell	Inspiron 5493 Firmware	All	All	All	All

Operating System	Dell	Inspiron 5493 Firmware	All	All	All	All
Hardware	Dell	Inspiron 5494	-	All	All	All
Operating System	Dell	Inspiron 5494 Firmware	All	All	All	All
Hardware	Dell	Inspiron 5501	-	All	All	All
Operating System	Dell	Inspiron 5501 Firmware	All	All	All	All
Hardware	Dell	Inspiron 5502	-	All	All	All
Operating System	Dell	Inspiron 5502 Firmware	All	All	All	All
Hardware	Dell	Inspiron 5508	-	All	All	All
Operating System	Dell	Inspiron 5508 Firmware	All	All	All	All
Hardware	Dell	Inspiron 5509	-	All	All	All
Operating System	Dell	Inspiron 5509 Firmware	All	All	All	All
Hardware	Dell	Inspiron 5570	-	All	All	All
Operating System	Dell	Inspiron 5570 Firmware	All	All	All	All
Hardware	Dell	Inspiron 5583	-	All	All	All
Operating System	Dell	Inspiron 5583 Firmware	All	All	All	All
Hardware	Dell	Inspiron 5584	-	All	All	All
Operating System	Dell	Inspiron 5584 Firmware	All	All	All	All
Hardware	Dell	Inspiron 5590	-	All	All	All
Operating System	Dell	Inspiron 5590 Firmware	All	All	All	All
Hardware	Dell	Inspiron 5591 2-in-1	-	All	All	All
Operating System	Dell	Inspiron 5591 2-in-1 Firmware	All	All	All	All
Hardware	Dell	Inspiron 5593	-	All	All	All
Operating System	Dell	Inspiron 5593 Firmware	All	All	All	All
Hardware	Dell	Inspiron 5594	-	All	All	All
Operating System	Dell	Inspiron 5594 Firmware	All	All	All	All
Hardware	Dell	Inspiron 5680	-	All	All	All
Operating System	Dell	Inspiron 5680 Firmware	All	All	All	All
Hardware	Dell	Inspiron 5770	-	All	All	All
Operating System	Dell	Inspiron 5770 Firmware	All	All	All	All
Hardware	Dell	Inspiron 7000	-	All	All	All
Operating System	Dell	Inspiron 7000 Firmware	All	All	All	All
Hardware	Dell	Inspiron 7300	-	All	All	All
Hardware	Dell	Inspiron 7300 2-in-1	-	All	All	All
Operating System	Dell	Inspiron 7300 2-in-1 Firmware	All	All	All	All
Operating System	Dell	Inspiron 7300 Firmware	All	All	All	All
Hardware	Dell	Inspiron 7306 2-in-1	-	All	All	All

Operating System	Dell	Inspiron 7306 2-in-1 Firmware	All	All	All	All
Hardware	Dell	Inspiron 7391 2-in-1	-	All	All	All
Operating System	Dell	Inspiron 7391 2-in-1 Firmware	All	All	All	All
Hardware	Dell	Inspiron 7400	-	All	All	All
Operating System	Dell	Inspiron 7400 Firmware	All	All	All	All
Hardware	Dell	Inspiron 7490	-	All	All	All
Operating System	Dell	Inspiron 7490 Firmware	All	All	All	All
Hardware	Dell	Inspiron 7500	-	All	All	All
Hardware	Dell	Inspiron 7500 2-in-1 Black	-	All	All	All
Operating System	Dell	Inspiron 7500 2-in-1 Black Firmware	All	All	All	All
Hardware	Dell	Inspiron 7500 2-in-1 Silver	-	All	All	All
Operating System	Dell	Inspiron 7500 2-in-1 Silver Firmware	All	All	All	All
Operating System	Dell	Inspiron 7500 Firmware	All	All	All	All
Hardware	Dell	Inspiron 7501	-	All	All	All
Operating System	Dell	Inspiron 7501 Firmware	All	All	All	All
Hardware	Dell	Inspiron 7506	-	All	All	All
Operating System	Dell	Inspiron 7506 2-in-1 Firmware	All	All	All	All
Hardware	Dell	Inspiron 7510	-	All	All	All
Operating System	Dell	Inspiron 7510 Firmware	All	All	All	All
Hardware	Dell	Inspiron 7590	-	All	All	All
Hardware	Dell	Inspiron 7590	All	All	All	All
Hardware	Dell	Inspiron 7591	-	All	All	All
Hardware	Dell	Inspiron 7591	All	All	All	All
Hardware	Dell	Inspiron 7591 2-in-1	-	All	All	All
Hardware	Dell	Inspiron 7591 2-in-1	All	All	All	All
Hardware	Dell	Inspiron 7610	-	All	All	All
Operating System	Dell	Inspiron 7610 Firmware	All	All	All	All
Hardware	Dell	Inspiron 7700 Aio	-	All	All	All
Operating System	Dell	Inspiron 7700 Aio Firmware	All	All	All	All
Hardware	Dell	Inspiron 7706 2-in-1	-	All	All	All
Operating System	Dell	Inspiron 7706 2-in-1 Firmware	All	All	All	All
Hardware	Dell	Inspiron 7777	-	All	All	All
Operating System	Dell	Inspiron 7777 Firmware	All	All	All	All
Hardware	Dell	Inspiron 7790	-	All	All	All
Operating System	Dell	Inspiron 7790 Firmware	All	All	All	All

Hardware	Dell	Inspiron 7791 2-in-1	-	All	All	All
Operating System	Dell	Inspiron 7791 2-in-1 Firmware	All	All	All	All
Hardware	Dell	Latitude 13 3380	-	All	All	All
Operating System	Dell	Latitude 13 3380 Firmware	All	All	All	All
Hardware	Dell	Latitude 3120	-	All	All	All
Operating System	Dell	Latitude 3120 Firmware	All	All	All	All
Hardware	Dell	Latitude 3180	-	All	All	All
Operating System	Dell	Latitude 3180 Firmware	All	All	All	All
Hardware	Dell	Latitude 3189	-	All	All	All
Operating System	Dell	Latitude 3189 Firmware	All	All	All	All
Hardware	Dell	Latitude 3190	-	All	All	All
Hardware	Dell	Latitude 3190 2-in-1	-	All	All	All
Operating System	Dell	Latitude 3190 2-in-1 Firmware	All	All	All	All
Operating System	Dell	Latitude 3190 Firmware	All	All	All	All
Hardware	Dell	Latitude 3300	-	All	All	All
Operating System	Dell	Latitude 3300 Firmware	All	All	All	All
Hardware	Dell	Latitude 3301	-	All	All	All
Operating System	Dell	Latitude 3301 Firmware	All	All	All	All
Hardware	Dell	Latitude 3310	-	All	All	All
Hardware	Dell	Latitude 3310 2-in-1	-	All	All	All
Operating System	Dell	Latitude 3310 2-in-1 Firmware	All	All	All	All
Operating System	Dell	Latitude 3310 Firmware	All	All	All	All
Hardware	Dell	Latitude 3320	-	All	All	All
Operating System	Dell	Latitude 3320 Firmware	All	All	All	All
Hardware	Dell	Latitude 3379	-	All	All	All
Operating System	Dell	Latitude 3379 Firmware	All	All	All	All
Hardware	Dell	Latitude 3390 2-in-1	-	All	All	All
Operating System	Dell	Latitude 3390 2-in-1 Firmware	All	All	All	All
Hardware	Dell	Latitude 3400	-	All	All	All
Operating System	Dell	Latitude 3400 Firmware	All	All	All	All
Hardware	Dell	Latitude 3410	-	All	All	All
Operating System	Dell	Latitude 3410 Firmware	All	All	All	All
Hardware	Dell	Latitude 3420	-	All	All	All
Operating System	Dell	Latitude 3420 Firmware	All	All	All	All
Hardware	Dell	Latitude 3470	-	All	All	All
Operating System	Dell	Latitude 3470 Firmware	All	All	All	All

Operating System	Dell	Latitude 3470 Firmware	All	All	All	All
Hardware	Dell	Latitude 3480	-	All	All	All
Operating System	Dell	Latitude 3480 Firmware	All	All	All	All
Hardware	Dell	Latitude 3490	-	All	All	All
Operating System	Dell	Latitude 3490 Firmware	All	All	All	All
Hardware	Dell	Latitude 3500	-	All	All	All
Operating System	Dell	Latitude 3500 Firmware	All	All	All	All
Hardware	Dell	Latitude 3510	-	All	All	All
Operating System	Dell	Latitude 3510 Firmware	All	All	All	All
Hardware	Dell	Latitude 3520	-	All	All	All
Operating System	Dell	Latitude 3520 Firmware	All	All	All	All
Hardware	Dell	Latitude 3570	-	All	All	All
Operating System	Dell	Latitude 3570 Firmware	All	All	All	All
Hardware	Dell	Latitude 3580	-	All	All	All
Operating System	Dell	Latitude 3580 Firmware	All	All	All	All
Hardware	Dell	Latitude 3590	-	All	All	All
Operating System	Dell	Latitude 3590 Firmware	All	All	All	All

References

Reference	Source	Link	Tags
DSA-2022-325: Dell Client Security Update for Dell Client BIOS Dell US	MISC	www.dell.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

No vendor comments have been submitted for this CVE.

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

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