



# CVE-2022-29083

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## Summary

<b>CVE</b>	CVE-2022-29083
<b>State</b>	PUBLIC
<b>Assigner</b>	secure@dell.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2022-08-09 21:15:00 UTC
<b>Updated</b>	2022-08-16 12:52:00 UTC
<b>Description</b>	Prior Dell BIOS versions contain an Improper Authentication vulnerability. An unauthenticated attacker with physical access

## Risk And Classification

**Problem Types:** CWE-287

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Dell	Chengming 3980	-	All	All	All
Operating System	Dell	Chengming 3980 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	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 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	G5 5587	-	All	All	All
Operating System	Dell	G5 5587 Firmware	All	All	All	All
Hardware	Dell	G7 7588	-	All	All	All

Operating System	Dell	<a href="#">G7 7588 Firmware</a>	All	All	All	All
Hardware	Dell	<a href="#">Inspiron 3470</a>	-	All	All	All
Operating System	Dell	<a href="#">Inspiron 3470 Firmware</a>	All	All	All	All
Hardware	Dell	<a href="#">Inspiron 3480</a>	-	All	All	All
Operating System	Dell	<a href="#">Inspiron 3480 Firmware</a>	All	All	All	All
Hardware	Dell	<a href="#">Inspiron 3493</a>	-	All	All	All
Operating System	Dell	<a href="#">Inspiron 3493 Firmware</a>	All	All	All	All
Hardware	Dell	<a href="#">Inspiron 3501</a>	-	All	All	All
Operating System	Dell	<a href="#">Inspiron 3501 Firmware</a>	All	All	All	All
Hardware	Dell	<a href="#">Inspiron 3580</a>	-	All	All	All
Operating System	Dell	<a href="#">Inspiron 3580 Firmware</a>	All	All	All	All
Hardware	Dell	<a href="#">Inspiron 3593</a>	-	All	All	All
Operating System	Dell	<a href="#">Inspiron 3593 Firmware</a>	All	All	All	All
Hardware	Dell	<a href="#">Inspiron 3670</a>	-	All	All	All
Operating System	Dell	<a href="#">Inspiron 3670 Firmware</a>	All	All	All	All
Hardware	Dell	<a href="#">Inspiron 3780</a>	-	All	All	All
Operating System	Dell	<a href="#">Inspiron 3780 Firmware</a>	All	All	All	All
Hardware	Dell	<a href="#">Inspiron 3790</a>	-	All	All	All
Operating System	Dell	<a href="#">Inspiron 3790 Firmware</a>	All	All	All	All
Hardware	Dell	<a href="#">Inspiron 3793</a>	-	All	All	All
Operating System	Dell	<a href="#">Inspiron 3793 Firmware</a>	All	All	All	All
Hardware	Dell	<a href="#">Inspiron 3880</a>	-	All	All	All
Operating System	Dell	<a href="#">Inspiron 3880 Firmware</a>	All	All	All	All
Hardware	Dell	<a href="#">Inspiron 3881</a>	-	All	All	All
Operating System	Dell	<a href="#">Inspiron 3881 Firmware</a>	All	All	All	All
Hardware	Dell	<a href="#">Inspiron 5310</a>	-	All	All	All
Operating System	Dell	<a href="#">Inspiron 5310 Firmware</a>	All	All	All	All
Hardware	Dell	<a href="#">Inspiron 5410</a>	-	All	All	All
Operating System	Dell	<a href="#">Inspiron 5410 Firmware</a>	All	All	All	All
Hardware	Dell	<a href="#">Inspiron 5493</a>	-	All	All	All
Operating System	Dell	<a href="#">Inspiron 5493 Firmware</a>	All	All	All	All
Hardware	Dell	<a href="#">Inspiron 5494</a>	-	All	All	All
Operating System	Dell	<a href="#">Inspiron 5494 Firmware</a>	All	All	All	All
Hardware	Dell	<a href="#">Inspiron 5510</a>	-	All	All	All
Operating System	Dell	<a href="#">Inspiron 5510 Firmware</a>	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 7490	-	All	All	All
Operating System	Dell	Inspiron 7490 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 7610	-	All	All	All
Operating System	Dell	Inspiron 7610 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 3190	-	All	All	All
Operating System	Dell	Latitude 3190 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 5310	-	All	All	All
Operating System	Dell	Latitude 5310 Firmware	All	All	All	All
Hardware	Dell	Latitude 5410	-	All	All	All
Operating System	Dell	Latitude 5410 Firmware	All	All	All	All
Hardware	Dell	Latitude 5411	-	All	All	All
Operating System	Dell	Latitude 5411 Firmware	All	All	All	All
Hardware	Dell	Latitude 5491	-	All	All	All
Operating System	Dell	Latitude 5491 Firmware	All	All	All	All
Hardware	Dell	Latitude 5510	-	All	All	All
Operating System	Dell	Latitude 5510 Firmware	All	All	All	All
Hardware	Dell	Latitude 5511	-	All	All	All
Operating System	Dell	Latitude 5511 Firmware	All	All	All	All
Hardware	Dell	Latitude 5591	-	All	All	All
Operating System	Dell	Latitude 5591 Firmware	All	All	All	All
Hardware	Dell	Latitude 7210	-	All	All	All
Operating System	Dell	Latitude 7210 Firmware	All	All	All	All
Hardware	Dell	Latitude 7310	-	All	All	All
Operating System	Dell	Latitude 7310 Firmware	All	All	All	All
Hardware	Dell	Latitude 7410	-	All	All	All
Operating System	Dell	Latitude 7410 Firmware	All	All	All	All

Operating System	Dell	Latitude /410 Firmware	All	All	All	All
Hardware	Dell	Latitude 9410	-	All	All	All
Operating System	Dell	Latitude 9410 Firmware	All	All	All	All
Hardware	Dell	Latitude 9510	-	All	All	All
Operating System	Dell	Latitude 9510 Firmware	All	All	All	All
Hardware	Dell	Optiplex 3060	-	All	All	All
Operating System	Dell	Optiplex 3060 Firmware	All	All	All	All
Hardware	Dell	Optiplex 3070	-	All	All	All
Operating System	Dell	Optiplex 3070 Firmware	All	All	All	All
Hardware	Dell	Optiplex 3080	-	All	All	All
Operating System	Dell	Optiplex 3080 Firmware	All	All	All	All
Hardware	Dell	Optiplex 3090	-	All	All	All
Operating System	Dell	Optiplex 3090 Firmware	All	All	All	All
Hardware	Dell	Optiplex 5060	-	All	All	All
Operating System	Dell	Optiplex 5060 Firmware	All	All	All	All
Hardware	Dell	Optiplex 5070	-	All	All	All
Operating System	Dell	Optiplex 5070 Firmware	All	All	All	All
Hardware	Dell	Optiplex 5080	-	All	All	All
Operating System	Dell	Optiplex 5080 Firmware	All	All	All	All
Hardware	Dell	Optiplex 5260	-	All	All	All
Operating System	Dell	Optiplex 5260 Firmware	All	All	All	All
Hardware	Dell	Optiplex 5270	-	All	All	All
Operating System	Dell	Optiplex 5270 Firmware	All	All	All	All
Hardware	Dell	Optiplex 7060	-	All	All	All
Operating System	Dell	Optiplex 7060 Firmware	All	All	All	All
Hardware	Dell	Optiplex 7070	-	All	All	All
Operating System	Dell	Optiplex 7070 Firmware	All	All	All	All
Hardware	Dell	Optiplex 7070 Ultra	-	All	All	All
Operating System	Dell	Optiplex 7070 Ultra Firmware	All	All	All	All
Hardware	Dell	Optiplex 7071	-	All	All	All
Operating System	Dell	Optiplex 7071 Firmware	All	All	All	All
Hardware	Dell	Optiplex 7080	-	All	All	All
Operating System	Dell	Optiplex 7080 Firmware	All	All	All	All
Hardware	Dell	Optiplex 7460	-	All	All	All
Operating System	Dell	Optiplex 7460 Firmware	All	All	All	All
Hardware	Dell	Optiplex 7470	-	All	All	All

Operating System	Dell	Optiplex 7470 Firmware	All	All	All	All
Hardware	Dell	Optiplex 7760	-	All	All	All
Operating System	Dell	Optiplex 7760 Firmware	All	All	All	All
Hardware	Dell	Optiplex 7770	-	All	All	All
Operating System	Dell	Optiplex 7770 Firmware	All	All	All	All
Hardware	Dell	Optiplex Xe3	-	All	All	All
Operating System	Dell	Optiplex Xe3 Firmware	All	All	All	All
Hardware	Dell	Precision 3240 Compact	-	All	All	All
Operating System	Dell	Precision 3240 Compact Firmware	All	All	All	All
Hardware	Dell	Precision 3430 Tower	-	All	All	All
Operating System	Dell	Precision 3430 Tower Firmware	All	All	All	All
Hardware	Dell	Precision 3431 Tower	-	All	All	All
Operating System	Dell	Precision 3431 Tower Firmware	All	All	All	All
Hardware	Dell	Precision 3440	-	All	All	All
Operating System	Dell	Precision 3440 Firmware	All	All	All	All
Hardware	Dell	Precision 3530	-	All	All	All
Operating System	Dell	Precision 3530 Firmware	All	All	All	All
Hardware	Dell	Precision 3550	-	All	All	All
Operating System	Dell	Precision 3550 Firmware	All	All	All	All
Hardware	Dell	Precision 3551	-	All	All	All
Operating System	Dell	Precision 3551 Firmware	All	All	All	All
Hardware	Dell	Precision 3630 Tower	-	All	All	All
Operating System	Dell	Precision 3630 Tower Firmware	All	All	All	All
Hardware	Dell	Precision 3640 Tower	-	All	All	All
Operating System	Dell	Precision 3640 Tower Firmware	All	All	All	All
Hardware	Dell	Precision 3650 Tower	-	All	All	All
Operating System	Dell	Precision 3650 Tower Firmware	All	All	All	All
Hardware	Dell	Precision 3930 Rack	-	All	All	All
Operating System	Dell	Precision 3930 Rack Firmware	All	All	All	All
Hardware	Dell	Precision 7530	-	All	All	All
Operating System	Dell	Precision 7530 Firmware	All	All	All	All
Hardware	Dell	Precision 7540	-	All	All	All
Operating System	Dell	Precision 7540 Firmware	All	All	All	All
Hardware	Dell	Precision 7550	-	All	All	All
Operating System	Dell	Precision 7550 Firmware	All	All	All	All

Hardware	Dell	Precision 7730	-	All	All	All
Operating System	Dell	Precision 7730 Firmware	All	All	All	All
Hardware	Dell	Precision 7740	-	All	All	All
Operating System	Dell	Precision 7740 Firmware	All	All	All	All
Hardware	Dell	Precision 7750	-	All	All	All
Operating System	Dell	Precision 7750 Firmware	All	All	All	All
Hardware	Dell	Vostro 15 7580	-	All	All	All
Operating System	Dell	Vostro 15 7580 Firmware	All	All	All	All
Hardware	Dell	Vostro 3070	-	All	All	All
Operating System	Dell	Vostro 3070 Firmware	All	All	All	All
Hardware	Dell	Vostro 3401	-	All	All	All
Operating System	Dell	Vostro 3401 Firmware	All	All	All	All
Hardware	Dell	Vostro 3470	-	All	All	All
Operating System	Dell	Vostro 3470 Firmware	All	All	All	All
Hardware	Dell	Vostro 3480	-	All	All	All
Operating System	Dell	Vostro 3480 Firmware	All	All	All	All
Hardware	Dell	Vostro 3490	-	All	All	All
Operating System	Dell	Vostro 3490 Firmware	All	All	All	All
Hardware	Dell	Vostro 3501	-	All	All	All
Operating System	Dell	Vostro 3501 Firmware	All	All	All	All
Hardware	Dell	Vostro 3580	-	All	All	All
Operating System	Dell	Vostro 3580 Firmware	All	All	All	All
Hardware	Dell	Vostro 3583	-	All	All	All
Operating System	Dell	Vostro 3583 Firmware	All	All	All	All
Hardware	Dell	Vostro 3590	-	All	All	All
Operating System	Dell	Vostro 3590 Firmware	All	All	All	All
Hardware	Dell	Vostro 3670	-	All	All	All
Operating System	Dell	Vostro 3670 Firmware	All	All	All	All
Hardware	Dell	Vostro 3681	-	All	All	All
Operating System	Dell	Vostro 3681 Firmware	All	All	All	All
Hardware	Dell	Vostro 3881	-	All	All	All
Operating System	Dell	Vostro 3881 Firmware	All	All	All	All
Hardware	Dell	Vostro 3888	-	All	All	All
Operating System	Dell	Vostro 3888 Firmware	All	All	All	All
Hardware	Dell	Vostro 5090	-	All	All	All
Operating System	Dell	Vostro 5090 Firmware	All	All	All	All

Operating System	Dell	<a href="#">Vostro 5090 Firmware</a>	All	All	All	All
Hardware	Dell	<a href="#">Vostro 5310</a>	-	All	All	All
Operating System	Dell	<a href="#">Vostro 5310 Firmware</a>	All	All	All	All
Hardware	Dell	<a href="#">Vostro 5410</a>	-	All	All	All
Operating System	Dell	<a href="#">Vostro 5410 Firmware</a>	All	All	All	All
Hardware	Dell	<a href="#">Vostro 5491</a>	-	All	All	All
Operating System	Dell	<a href="#">Vostro 5491 Firmware</a>	All	All	All	All
Hardware	Dell	<a href="#">Vostro 5510</a>	-	All	All	All
Operating System	Dell	<a href="#">Vostro 5510 Firmware</a>	All	All	All	All
Hardware	Dell	<a href="#">Vostro 5591</a>	-	All	All	All
Operating System	Dell	<a href="#">Vostro 5591 Firmware</a>	All	All	All	All
Hardware	Dell	<a href="#">Vostro 5880</a>	-	All	All	All
Operating System	Dell	<a href="#">Vostro 5880 Firmware</a>	All	All	All	All
Hardware	Dell	<a href="#">Vostro 7510</a>	-	All	All	All
Operating System	Dell	<a href="#">Vostro 7510 Firmware</a>	All	All	All	All
Hardware	Dell	<a href="#">Wyse 5070</a>	-	All	All	All
Operating System	Dell	<a href="#">Wyse 5070 Firmware</a>	All	All	All	All
Hardware	Dell	<a href="#">Wyse 5470</a>	-	All	All	All
Hardware	Dell	<a href="#">Wyse 5470 All-in-one</a>	-	All	All	All
Operating System	Dell	<a href="#">Wyse 5470 All-in-one Firmware</a>	All	All	All	All
Operating System	Dell	<a href="#">Wyse 5470 Firmware</a>	All	All	All	All
Hardware	Dell	<a href="#">Xps 8940</a>	-	All	All	All
Operating System	Dell	<a href="#">Xps 8940 Firmware</a>	All	All	All	All

## References

Reference	Source	Link	Tags
Access Denied	CONFIRM	<a href="http://www.dell.com">www.dell.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.

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

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