



# CVE-2020-12337

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## Summary

<b>CVE</b>	CVE-2020-12337
<b>State</b>	PUBLIC
<b>Assigner</b>	secure@intel.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2020-11-12 19:15:00 UTC
<b>Updated</b>	2021-07-21 11:39:00 UTC
<b>Description</b>	Improper buffer restrictions in firmware for some Intel(R) NUCs may allow a privileged user to potentially enable escalation

## Risk And Classification

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

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Intel	Nuc 8 Mainstream-g Kit Nuc8i5inh	-	All	All	All
Hardware	Intel	Nuc 8 Mainstream-g Kit Nuc8i5inh	-	All	All	All
Operating System	Intel	Nuc 8 Mainstream-g Kit Nuc8i5inh Firmware	inwhl357.0036	All	All	All
Operating System	Intel	Nuc 8 Mainstream-g Kit Nuc8i5inh Firmware	inwhl357.0036	All	All	All
Hardware	Intel	Nuc 8 Mainstream-g Kit Nuc8i7inh	-	All	All	All
Hardware	Intel	Nuc 8 Mainstream-g Kit Nuc8i7inh	-	All	All	All
Operating System	Intel	Nuc 8 Mainstream-g Kit Nuc8i7inh Firmware	inwhl357.0036	All	All	All
Operating System	Intel	Nuc 8 Mainstream-g Kit Nuc8i7inh Firmware	inwhl357.0036	All	All	All
Hardware	Intel	Nuc 8 Mainstream-g Mini Pc Nuc8i5inh	-	All	All	All
Hardware	Intel	Nuc 8 Mainstream-g Mini Pc Nuc8i5inh	-	All	All	All
Operating System	Intel	Nuc 8 Mainstream-g Mini Pc Nuc8i5inh Firmware	inwhl357.0036	All	All	All
Operating System	Intel	Nuc 8 Mainstream-g Mini Pc Nuc8i5inh Firmware	inwhl357.0036	All	All	All
Hardware	Intel	Nuc 8 Mainstream-g Mini Pc Nuc8i7inh	-	All	All	All
Hardware	Intel	Nuc 8 Mainstream-g Mini Pc Nuc8i7inh	-	All	All	All
Operating System	Intel	Nuc 8 Mainstream-g Mini Pc Nuc8i7inh Firmware	inwhl357.0036	All	All	All
Operating System	Intel	Nuc 8 Mainstream-g Mini Pc Nuc8i7inh Firmware	inwhl357.0036	All	All	All
Hardware	Intel	Nuc 8 Pro Board Nuc8i3pnb	-	All	All	All

Hardware	Intel	Nuc 8 Pro Board Nuc8i3pnb	-	All	All	All
Operating System	Intel	Nuc 8 Pro Board Nuc8i3pnb Firmware	pnwhl357.0037	All	All	All
Operating System	Intel	Nuc 8 Pro Board Nuc8i3pnb Firmware	pnwhl357.0037	All	All	All
Hardware	Intel	Nuc 8 Pro Kit Nuc8i3pnh	-	All	All	All
Hardware	Intel	Nuc 8 Pro Kit Nuc8i3pnh	-	All	All	All
Operating System	Intel	Nuc 8 Pro Kit Nuc8i3pnh Firmware	pnwhl357.0037	All	All	All
Operating System	Intel	Nuc 8 Pro Kit Nuc8i3pnh Firmware	pnwhl357.0037	All	All	All
Hardware	Intel	Nuc 8 Pro Kit Nuc8i3pnk	-	All	All	All
Hardware	Intel	Nuc 8 Pro Kit Nuc8i3pnk	-	All	All	All
Operating System	Intel	Nuc 8 Pro Kit Nuc8i3pnk Firmware	pnwhl357.0037	All	All	All
Operating System	Intel	Nuc 8 Pro Kit Nuc8i3pnk Firmware	pnwhl357.0037	All	All	All
Hardware	Intel	Nuc 8 Pro Mini Pc Nuc8i3pnk	-	All	All	All
Hardware	Intel	Nuc 8 Pro Mini Pc Nuc8i3pnk	-	All	All	All
Operating System	Intel	Nuc 8 Pro Mini Pc Nuc8i3pnk Firmware	pnwhl357.0037	All	All	All
Operating System	Intel	Nuc 8 Pro Mini Pc Nuc8i3pnk Firmware	pnwhl357.0037	All	All	All
Hardware	Intel	Nuc 8 Rugged Kit Nuc8cchkr	-	All	All	All
Hardware	Intel	Nuc 8 Rugged Kit Nuc8cchkr	-	All	All	All
Operating System	Intel	Nuc 8 Rugged Kit Nuc8cchkr Firmware	chaplcel.0049	All	All	All
Operating System	Intel	Nuc 8 Rugged Kit Nuc8cchkr Firmware	chaplcel.0049	All	All	All
Hardware	Intel	Nuc 9 Pro Kit Nuc9v7qnx	-	All	All	All
Hardware	Intel	Nuc 9 Pro Kit Nuc9v7qnx	-	All	All	All
Operating System	Intel	Nuc 9 Pro Kit Nuc9v7qnx Firmware	qncflx70.34	All	All	All
Operating System	Intel	Nuc 9 Pro Kit Nuc9v7qnx Firmware	qncflx70.34	All	All	All
Hardware	Intel	Nuc 9 Pro Kit Nuc9vxqnx	-	All	All	All
Hardware	Intel	Nuc 9 Pro Kit Nuc9vxqnx	-	All	All	All
Operating System	Intel	Nuc 9 Pro Kit Nuc9vxqnx Firmware	qncflx70.34	All	All	All
Operating System	Intel	Nuc 9 Pro Kit Nuc9vxqnx Firmware	qncflx70.34	All	All	All
Hardware	Intel	Nuc Board H27002-400	-	All	All	All
Hardware	Intel	Nuc Board H27002-400	-	All	All	All
Operating System	Intel	Nuc Board H27002-400 Firmware	tybyt10h.86a	All	All	All
Operating System	Intel	Nuc Board H27002-400 Firmware	tybyt10h.86a	All	All	All
Hardware	Intel	Nuc Board H27002-401	-	All	All	All
Hardware	Intel	Nuc Board H27002-401	-	All	All	All
Operating System	Intel	Nuc Board H27002-401 Firmware	tybyt10h.86a	All	All	All
Operating System	Intel	Nuc Board H27002-401 Firmware	tybyt10h.86a	All	All	All

Hardware	Intel	Nuc Board H27002-402	-	All	All	All
Hardware	Intel	Nuc Board H27002-402	-	All	All	All
Operating System	Intel	Nuc Board H27002-402 Firmware	tybyt10h.86a	All	All	All
Operating System	Intel	Nuc Board H27002-402 Firmware	tybyt10h.86a	All	All	All
Hardware	Intel	Nuc Board H27002-404	-	All	All	All
Hardware	Intel	Nuc Board H27002-404	-	All	All	All
Operating System	Intel	Nuc Board H27002-404 Firmware	tybyt10h.86a	All	All	All
Operating System	Intel	Nuc Board H27002-404 Firmware	tybyt10h.86a	All	All	All
Hardware	Intel	Nuc Board H27002-500	-	All	All	All
Hardware	Intel	Nuc Board H27002-500	-	All	All	All
Operating System	Intel	Nuc Board H27002-500 Firmware	tybyt20h.86a	All	All	All
Operating System	Intel	Nuc Board H27002-500 Firmware	tybyt20h.86a	All	All	All
Hardware	Intel	Nuc Board Nuc8cchb	-	All	All	All
Hardware	Intel	Nuc Board Nuc8cchb	-	All	All	All
Operating System	Intel	Nuc Board Nuc8cchb Firmware	chaplcel.0049	All	All	All
Operating System	Intel	Nuc Board Nuc8cchb Firmware	chaplcel.0049	All	All	All
Hardware	Intel	Nuc Kit H26998-401	-	All	All	All
Hardware	Intel	Nuc Kit H26998-401	-	All	All	All
Operating System	Intel	Nuc Kit H26998-401 Firmware	tybyt10h.86a	All	All	All
Operating System	Intel	Nuc Kit H26998-401 Firmware	tybyt10h.86a	All	All	All
Hardware	Intel	Nuc Kit H26998-402	-	All	All	All
Hardware	Intel	Nuc Kit H26998-402	-	All	All	All
Operating System	Intel	Nuc Kit H26998-402 Firmware	tybyt10h.86a	All	All	All
Operating System	Intel	Nuc Kit H26998-402 Firmware	tybyt10h.86a	All	All	All
Hardware	Intel	Nuc Kit H26998-403	-	All	All	All
Hardware	Intel	Nuc Kit H26998-403	-	All	All	All
Operating System	Intel	Nuc Kit H26998-403 Firmware	tybyt10h.86a	All	All	All
Operating System	Intel	Nuc Kit H26998-403 Firmware	tybyt10h.86a	All	All	All
Hardware	Intel	Nuc Kit H26998-404	-	All	All	All
Hardware	Intel	Nuc Kit H26998-404	-	All	All	All
Operating System	Intel	Nuc Kit H26998-404 Firmware	tybyt10h.86a	All	All	All
Operating System	Intel	Nuc Kit H26998-404 Firmware	tybyt10h.86a	All	All	All
Hardware	Intel	Nuc Kit H26998-405	-	All	All	All
Hardware	Intel	Nuc Kit H26998-405	-	All	All	All
Operating System	Intel	Nuc Kit H26998-405 Firmware	tybyt10h.86a	All	All	All

Operating System	<a href="#">Intel</a>	<a href="#">Nuc Kit H26998-405 Firmware</a>	tybyt10h.86a	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Nuc Kit H26998-500</a>	-	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Nuc Kit H26998-500</a>	-	All	All	All
Operating System	<a href="#">Intel</a>	<a href="#">Nuc Kit H26998-500 Firmware</a>	tybyt20h.86a	All	All	All
Operating System	<a href="#">Intel</a>	<a href="#">Nuc Kit H26998-500 Firmware</a>	tybyt20h.86a	All	All	All

## References

Reference	Source	Link	Tags
INTEL-SA-00414	MISC	<a href="http://www.intel.com">www.intel.com</a>	Vendor Advisory
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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