



# CVE-2021-33086

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

## Summary

<b>CVE</b>	CVE-2021-33086
<b>State</b>	PUBLIC
<b>Assigner</b>	secure@intel.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2021-11-17 19:15:00 UTC
<b>Updated</b>	2021-11-19 16:39:00 UTC
<b>Description</b>	Out-of-bounds write in firmware for some Intel(R) NUCs may allow an authenticated user to potentially enable denial of ser

## Risk And Classification

**Problem Types:** CWE-787

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Intel	Nuc 10 Performance Kit Nuc10i3fnh	-	All	All	All
Hardware	Intel	Nuc 10 Performance Kit Nuc10i3fnhf	-	All	All	All
Hardware	Intel	Nuc 10 Performance Kit Nuc10i3fnhfa	-	All	All	All
Operating System	Intel	Nuc 10 Performance Kit Nuc10i3fnhfa Firmware	All	All	All	All
Operating System	Intel	Nuc 10 Performance Kit Nuc10i3fnhf Firmware	All	All	All	All
Hardware	Intel	Nuc 10 Performance Kit Nuc10i3fnhja	-	All	All	All
Operating System	Intel	Nuc 10 Performance Kit Nuc10i3fnhja Firmware	All	All	All	All
Operating System	Intel	Nuc 10 Performance Kit Nuc10i3fnh Firmware	All	All	All	All
Hardware	Intel	Nuc 10 Performance Kit Nuc10i3fnk	-	All	All	All
Operating System	Intel	Nuc 10 Performance Kit Nuc10i3fnk Firmware	All	All	All	All
Hardware	Intel	Nuc 10 Performance Kit Nuc10i5fnh	-	All	All	All
Hardware	Intel	Nuc 10 Performance Kit Nuc10i5fnhca	-	All	All	All
Operating System	Intel	Nuc 10 Performance Kit Nuc10i5fnhca Firmware	All	All	All	All
Hardware	Intel	Nuc 10 Performance Kit Nuc10i5fnhf	-	All	All	All
Operating System	Intel	Nuc 10 Performance Kit Nuc10i5fnhf Firmware	All	All	All	All
Hardware	Intel	Nuc 10 Performance Kit Nuc10i5fnhj	-	All	All	All
Hardware	Intel	Nuc 10 Performance Kit Nuc10i5fnhja	-	All	All	All

Operating System	Intel	Nuc 10 Performance Kit Nuc10i5fnhja Firmware	All	All	All	All
Operating System	Intel	Nuc 10 Performance Kit Nuc10i5fnhj Firmware	All	All	All	All
Operating System	Intel	Nuc 10 Performance Kit Nuc10i5fnh Firmware	All	All	All	All
Hardware	Intel	Nuc 10 Performance Kit Nuc10i5fnk	-	All	All	All
Hardware	Intel	Nuc 10 Performance Kit Nuc10i5fnkp	-	All	All	All
Hardware	Intel	Nuc 10 Performance Kit Nuc10i5fnkpa	-	All	All	All
Operating System	Intel	Nuc 10 Performance Kit Nuc10i5fnkpa Firmware	All	All	All	All
Operating System	Intel	Nuc 10 Performance Kit Nuc10i5fnkp Firmware	All	All	All	All
Operating System	Intel	Nuc 10 Performance Kit Nuc10i5fnk Firmware	All	All	All	All
Hardware	Intel	Nuc 10 Performance Kit Nuc10i7fnh	-	All	All	All
Hardware	Intel	Nuc 10 Performance Kit Nuc10i7fnhaa	-	All	All	All
Operating System	Intel	Nuc 10 Performance Kit Nuc10i7fnhaa Firmware	All	All	All	All
Hardware	Intel	Nuc 10 Performance Kit Nuc10i7fnhc	-	All	All	All
Operating System	Intel	Nuc 10 Performance Kit Nuc10i7fnhc Firmware	All	All	All	All
Hardware	Intel	Nuc 10 Performance Kit Nuc10i7fnhja	-	All	All	All
Operating System	Intel	Nuc 10 Performance Kit Nuc10i7fnhja Firmware	All	All	All	All
Operating System	Intel	Nuc 10 Performance Kit Nuc10i7fnh Firmware	All	All	All	All
Hardware	Intel	Nuc 10 Performance Kit Nuc10i7fnk	-	All	All	All
Hardware	Intel	Nuc 10 Performance Kit Nuc10i7fnkp	-	All	All	All
Hardware	Intel	Nuc 10 Performance Kit Nuc10i7fnkpa	-	All	All	All
Operating System	Intel	Nuc 10 Performance Kit Nuc10i7fnkpa Firmware	All	All	All	All
Operating System	Intel	Nuc 10 Performance Kit Nuc10i7fnkp Firmware	All	All	All	All
Operating System	Intel	Nuc 10 Performance Kit Nuc10i7fnk Firmware	All	All	All	All
Hardware	Intel	Nuc 11 Compute Element Cm11ebc4w	-	All	All	All
Operating System	Intel	Nuc 11 Compute Element Cm11ebc4w Firmware	All	All	All	All
Hardware	Intel	Nuc 11 Compute Element Cm11ebi38w	-	All	All	All
Operating System	Intel	Nuc 11 Compute Element Cm11ebi38w Firmware	All	All	All	All
Hardware	Intel	Nuc 11 Compute Element Cm11ebi58w	-	All	All	All
Operating System	Intel	Nuc 11 Compute Element Cm11ebi58w Firmware	All	All	All	All
Hardware	Intel	Nuc 11 Compute Element Cm11ebi716w	-	All	All	All
Operating System	Intel	Nuc 11 Compute Element Cm11ebi716w Firmware	All	All	All	All
Hardware	Intel	Nuc 11 Enthusiast Kit Nuc11phki7c	-	All	All	All
Operating System	Intel	Nuc 11 Enthusiast Kit Nuc11phki7c Firmware	All	All	All	All
Hardware	Intel	Nuc 11 Enthusiast Mini Pc Nuc11phki7caa	-	All	All	All
Operating System	Intel	Nuc 11 Enthusiast Mini Pc Nuc11phki7caa Firmware	All	All	All	All

Hardware	Intel	Nuc 11 Performance Kit Nuc11pahi3	-	All	All	All
Operating System	Intel	Nuc 11 Performance Kit Nuc11pahi3 Firmware	All	All	All	All
Hardware	Intel	Nuc 11 Performance Kit Nuc11pahi5	-	All	All	All
Operating System	Intel	Nuc 11 Performance Kit Nuc11pahi5 Firmware	All	All	All	All
Hardware	Intel	Nuc 11 Performance Kit Nuc11pahi7	-	All	All	All
Operating System	Intel	Nuc 11 Performance Kit Nuc11pahi7 Firmware	All	All	All	All
Hardware	Intel	Nuc 11 Performance Kit Nuc11paki3	-	All	All	All
Operating System	Intel	Nuc 11 Performance Kit Nuc11paki3 Firmware	All	All	All	All
Hardware	Intel	Nuc 11 Performance Kit Nuc11paki5	-	All	All	All
Operating System	Intel	Nuc 11 Performance Kit Nuc11paki5 Firmware	All	All	All	All
Hardware	Intel	Nuc 11 Performance Kit Nuc11paki7	-	All	All	All
Operating System	Intel	Nuc 11 Performance Kit Nuc11paki7 Firmware	All	All	All	All
Hardware	Intel	Nuc 11 Performance Mini Pc Nuc11paqi50wa	-	All	All	All
Operating System	Intel	Nuc 11 Performance Mini Pc Nuc11paqi50wa Firmware	All	All	All	All
Hardware	Intel	Nuc 11 Performance Mini Pc Nuc11paqi70qa	-	All	All	All
Operating System	Intel	Nuc 11 Performance Mini Pc Nuc11paqi70qa Firmware	All	All	All	All
Hardware	Intel	Nuc 11 Pro Board Nuc11tnbi3	-	All	All	All
Operating System	Intel	Nuc 11 Pro Board Nuc11tnbi3 Firmware	All	All	All	All
Hardware	Intel	Nuc 11 Pro Board Nuc11tnbi5	-	All	All	All
Operating System	Intel	Nuc 11 Pro Board Nuc11tnbi5 Firmware	All	All	All	All
Hardware	Intel	Nuc 11 Pro Board Nuc11tnbi7	-	All	All	All
Operating System	Intel	Nuc 11 Pro Board Nuc11tnbi7 Firmware	All	All	All	All
Hardware	Intel	Nuc 11 Pro Kit Nuc11tnhi3	-	All	All	All
Hardware	Intel	Nuc 11 Pro Kit Nuc11tnhi30l	-	All	All	All
Operating System	Intel	Nuc 11 Pro Kit Nuc11tnhi30l Firmware	All	All	All	All
Hardware	Intel	Nuc 11 Pro Kit Nuc11tnhi30p	-	All	All	All
Operating System	Intel	Nuc 11 Pro Kit Nuc11tnhi30p Firmware	All	All	All	All
Operating System	Intel	Nuc 11 Pro Kit Nuc11tnhi3 Firmware	All	All	All	All
Hardware	Intel	Nuc 11 Pro Kit Nuc11tnhi5	-	All	All	All
Hardware	Intel	Nuc 11 Pro Kit Nuc11tnhi50l	-	All	All	All
Operating System	Intel	Nuc 11 Pro Kit Nuc11tnhi50l Firmware	All	All	All	All
Hardware	Intel	Nuc 11 Pro Kit Nuc11tnhi50w	-	All	All	All
Operating System	Intel	Nuc 11 Pro Kit Nuc11tnhi50w Firmware	All	All	All	All
Operating System	Intel	Nuc 11 Pro Kit Nuc11tnhi5 Firmware	All	All	All	All
Hardware	Intel	Nuc 11 Pro Kit Nuc11tnhi7	-	All	All	All

Hardware	Intel	Nuc 11 Pro Kit Nuc11tnhi70I	-	All	All	All
Operating System	Intel	Nuc 11 Pro Kit Nuc11tnhi70I Firmware	All	All	All	All
Hardware	Intel	Nuc 11 Pro Kit Nuc11tnhi70q	-	All	All	All
Operating System	Intel	Nuc 11 Pro Kit Nuc11tnhi70q Firmware	All	All	All	All
Operating System	Intel	Nuc 11 Pro Kit Nuc11tnhi7 Firmware	All	All	All	All
Hardware	Intel	Nuc 11 Pro Kit Nuc11tnki3	-	All	All	All
Operating System	Intel	Nuc 11 Pro Kit Nuc11tnki3 Firmware	All	All	All	All
Hardware	Intel	Nuc 11 Pro Kit Nuc11tnki5	-	All	All	All
Operating System	Intel	Nuc 11 Pro Kit Nuc11tnki5 Firmware	All	All	All	All
Hardware	Intel	Nuc 11 Pro Kit Nuc11tnki7	-	All	All	All
Operating System	Intel	Nuc 11 Pro Kit Nuc11tnki7 Firmware	All	All	All	All
Hardware	Intel	Nuc 7 Business Nuc7i3dnhnc	-	All	All	All
Operating System	Intel	Nuc 7 Business Nuc7i3dnhnc Firmware	All	All	All	All
Hardware	Intel	Nuc 7 Business Nuc7i3dnktc	-	All	All	All
Operating System	Intel	Nuc 7 Business Nuc7i3dnktc Firmware	All	All	All	All
Hardware	Intel	Nuc 7 Business Nuc7i5dnbe	-	All	All	All
Operating System	Intel	Nuc 7 Business Nuc7i5dnbe Firmware	All	All	All	All
Hardware	Intel	Nuc 7 Business Nuc7i5dnhe	-	All	All	All
Operating System	Intel	Nuc 7 Business Nuc7i5dnhe Firmware	All	All	All	All
Hardware	Intel	Nuc 7 Business Nuc7i5dnke	-	All	All	All
Operating System	Intel	Nuc 7 Business Nuc7i5dnke Firmware	All	All	All	All
Hardware	Intel	Nuc 7 Business Nuc7i5dnkpc	-	All	All	All
Operating System	Intel	Nuc 7 Business Nuc7i5dnkpc Firmware	All	All	All	All
Hardware	Intel	Nuc 7 Essential Nuc7cjysal	-	All	All	All
Operating System	Intel	Nuc 7 Essential Nuc7cjysal Firmware	All	All	All	All
Hardware	Intel	Nuc 8 Business Nuc8i7hnkqc	-	All	All	All
Operating System	Intel	Nuc 8 Business Nuc8i7hnkqc Firmware	All	All	All	All
Hardware	Intel	Nuc 8 Compute Element Cm8ccb	-	All	All	All
Operating System	Intel	Nuc 8 Compute Element Cm8ccb Firmware	All	All	All	All
Hardware	Intel	Nuc 8 Compute Element Cm8i3cb	-	All	All	All
Operating System	Intel	Nuc 8 Compute Element Cm8i3cb Firmware	All	All	All	All
Hardware	Intel	Nuc 8 Compute Element Cm8i5cb	-	All	All	All
Operating System	Intel	Nuc 8 Compute Element Cm8i5cb Firmware	All	All	All	All
Hardware	Intel	Nuc 8 Compute Element Cm8i7cb	-	All	All	All
Operating System	Intel	Nuc 8 Compute Element Cm8i7cb Firmware	All	All	All	All
Hardware	Intel	Nuc 8 Compute Element Cm8pcb	-	All	All	All

Operating System	Intel	Nuc 8 Compute Element Cm8pcb Firmware	All	All	All	All
Hardware	Intel	Nuc 8 Enthusiast Nuc8i7behga	-	All	All	All
Operating System	Intel	Nuc 8 Enthusiast Nuc8i7behga Firmware	All	All	All	All
Hardware	Intel	Nuc 8 Enthusiast Nuc8i7bekqa	-	All	All	All
Operating System	Intel	Nuc 8 Enthusiast Nuc8i7bekqa Firmware	All	All	All	All
Hardware	Intel	Nuc 8 Enthusiast Nuc8i7hvkva	-	All	All	All
Hardware	Intel	Nuc 8 Enthusiast Nuc8i7hvkva	-	All	All	All
Operating System	Intel	Nuc 8 Enthusiast Nuc8i7hvkva Firmware	All	All	All	All
Operating System	Intel	Nuc 8 Enthusiast Nuc8i7hvkva Firmware	All	All	All	All
Hardware	Intel	Nuc 8 Home Nuc8i3behfa	-	All	All	All
Operating System	Intel	Nuc 8 Home Nuc8i3behfa Firmware	All	All	All	All
Hardware	Intel	Nuc 8 Home Nuc8i3cysm	-	All	All	All
Operating System	Intel	Nuc 8 Home Nuc8i3cysm Firmware	All	All	All	All
Hardware	Intel	Nuc 8 Home Nuc8i3cysn	-	All	All	All
Operating System	Intel	Nuc 8 Home Nuc8i3cysn Firmware	All	All	All	All
Hardware	Intel	Nuc 8 Home Nuc8i5behfa	-	All	All	All
Operating System	Intel	Nuc 8 Home Nuc8i5behfa Firmware	All	All	All	All
Hardware	Intel	Nuc 8 Home Nuc8i5bekpa	-	All	All	All
Operating System	Intel	Nuc 8 Home Nuc8i5bekpa Firmware	All	All	All	All
Hardware	Intel	Nuc 8 Mainstream-g Kit Nuc8i5inh	-	All	All	All
Operating System	Intel	Nuc 8 Mainstream-g Kit Nuc8i5inh Firmware	All	All	All	All
Hardware	Intel	Nuc 8 Mainstream-g Kit Nuc8i7inh	-	All	All	All
Operating System	Intel	Nuc 8 Mainstream-g Kit Nuc8i7inh Firmware	All	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	All	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	All	All	All	All
Hardware	Intel	Nuc 8 Pro Board Nuc8i3pnb	-	All	All	All
Operating System	Intel	Nuc 8 Pro Board Nuc8i3pnb Firmware	All	All	All	All
Hardware	Intel	Nuc 8 Pro Kit Nuc8i3pnh	-	All	All	All
Operating System	Intel	Nuc 8 Pro Kit Nuc8i3pnh Firmware	All	All	All	All
Hardware	Intel	Nuc 8 Pro Kit Nuc8i3pnk	-	All	All	All
Operating System	Intel	Nuc 8 Pro Kit Nuc8i3pnk Firmware	All	All	All	All
Hardware	Intel	Nuc 8 Rugged Kit Nuc8cchkr	-	All	All	All
Operating System	Intel	Nuc 8 Rugged Kit Nuc8cchkr Firmware	All	All	All	All

Hardware	Intel	Nuc 9 Pro Compute Element Nuc9v7qnb	-	All	All	All
Operating System	Intel	Nuc 9 Pro Compute Element Nuc9v7qnb Firmware	All	All	All	All
Hardware	Intel	Nuc 9 Pro Compute Element Nuc9vxqnb	-	All	All	All
Operating System	Intel	Nuc 9 Pro Compute Element Nuc9vxqnb Firmware	All	All	All	All
Hardware	Intel	Nuc 9 Pro Kit Nuc9v7qnx	-	All	All	All
Operating System	Intel	Nuc 9 Pro Kit Nuc9v7qnx Firmware	All	All	All	All
Hardware	Intel	Nuc 9 Pro Kit Nuc9vxqnx	-	All	All	All
Operating System	Intel	Nuc 9 Pro Kit Nuc9vxqnx Firmware	All	All	All	All
Hardware	Intel	Nuc Board Nuc7i3dnbe	-	All	All	All
Operating System	Intel	Nuc Board Nuc7i3dnbe Firmware	All	All	All	All
Hardware	Intel	Nuc Board Nuc8cchb	-	All	All	All
Operating System	Intel	Nuc Board Nuc8cchb Firmware	All	All	All	All
Hardware	Intel	Nuc Kit Nuc6cayh	-	All	All	All
Operating System	Intel	Nuc Kit Nuc6cayh Firmware	All	All	All	All
Hardware	Intel	Nuc Kit Nuc6cays	-	All	All	All
Operating System	Intel	Nuc Kit Nuc6cays Firmware	All	All	All	All
Hardware	Intel	Nuc Kit Nuc7cyjh	-	All	All	All
Operating System	Intel	Nuc Kit Nuc7cyjh Firmware	All	All	All	All
Hardware	Intel	Nuc Kit Nuc7i3dnhe	-	All	All	All
Operating System	Intel	Nuc Kit Nuc7i3dnhe Firmware	All	All	All	All
Hardware	Intel	Nuc Kit Nuc7i3dnke	-	All	All	All
Operating System	Intel	Nuc Kit Nuc7i3dnke Firmware	All	All	All	All
Hardware	Intel	Nuc Kit Nuc7pjyh	-	All	All	All
Operating System	Intel	Nuc Kit Nuc7pjyh Firmware	All	All	All	All
Hardware	Intel	Nuc Kit Nuc8i3beh	-	All	All	All
Hardware	Intel	Nuc Kit Nuc8i3behs	-	All	All	All
Operating System	Intel	Nuc Kit Nuc8i3behs Firmware	All	All	All	All
Operating System	Intel	Nuc Kit Nuc8i3beh Firmware	All	All	All	All
Hardware	Intel	Nuc Kit Nuc8i3bek	-	All	All	All
Operating System	Intel	Nuc Kit Nuc8i3bek Firmware	All	All	All	All
Hardware	Intel	Nuc Kit Nuc8i5beh	-	All	All	All
Hardware	Intel	Nuc Kit Nuc8i5behs	-	All	All	All
Operating System	Intel	Nuc Kit Nuc8i5behs Firmware	All	All	All	All
Operating System	Intel	Nuc Kit Nuc8i5beh Firmware	All	All	All	All
Hardware	Intel	Nuc Kit Nuc8i5bek	-	All	All	All
Operating System	Intel	Nuc Kit Nuc8i5bek Firmware	All	All	All	All

Operating System	<a href="#">Intel</a>	<a href="#">Nuc Kit Nuc8i5bek Firmware</a>	All	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Nuc Kit Nuc8i7beh</a>	-	All	All	All
Operating System	<a href="#">Intel</a>	<a href="#">Nuc Kit Nuc8i7beh Firmware</a>	All	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Nuc Kit Nuc8i7bek</a>	-	All	All	All
Operating System	<a href="#">Intel</a>	<a href="#">Nuc Kit Nuc8i7bek Firmware</a>	All	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Nuc Kit Nuc8i7hnk</a>	-	All	All	All
Operating System	<a href="#">Intel</a>	<a href="#">Nuc Kit Nuc8i7hnk Firmware</a>	All	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Nuc Kit Nuc8i7hvk</a>	-	All	All	All
Operating System	<a href="#">Intel</a>	<a href="#">Nuc Kit Nuc8i7hvk Firmware</a>	All	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Nuc M15 Laptop Kit Lapbc510</a>	-	All	All	All
Operating System	<a href="#">Intel</a>	<a href="#">Nuc M15 Laptop Kit Lapbc510 Firmware</a>	All	All	All	All
Hardware	<a href="#">Intel</a>	<a href="#">Nuc M15 Laptop Kit Lapbc710</a>	-	All	All	All
Operating System	<a href="#">Intel</a>	<a href="#">Nuc M15 Laptop Kit Lapbc710 Firmware</a>	All	All	All	All

## References

Reference	Source	Link	Tags
INTEL-SA-00567	MISC	<a href="http://www.intel.com">www.intel.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.

© [CVE.report](#) 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

**CVE.report and Source URL Uptime Status** [status.cve.report](#)