



GIGABYTE | Performance Library - Insecure Deserialization

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

Summary

CVE	CVE-2026-4416
State	PUBLISHED
Assigner	twcert
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-03-30 08:16:18 UTC
Updated	2026-03-30 13:26:07 UTC
Description	The Performance Library component of Gigabyte Control Center has an Insecure Deserialization vulnerability. Authenticate

Risk And Classification

Primary CVSS: v4.0 8.5 HIGH from twcert@cert.org.tw

CVSS:4.0/AV:L/AC:L/AT:N/PR:L/UI:N/VC:H/VI:H/VA:H/SC:N/SI:N/SA:N/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

EPSS: 0.000170000 probability, percentile 0.039990000 (date 2026-04-01)

Problem Types: CWE-502 | CWE-502 CWE-502 Deserialization of untrusted data

Version	Source	Type	Score	Severity	Vector
4.0	twcert@cert.org.tw	Secondary	8.5	HIGH	CVSS:4.0/AV:L/AC:L/AT:N/PR:L/UI:N/VC:H/VI:H/VA:H/SC:N/SI:N/SA:N/E:X/C
4.0	CNA	CVSS	8.5	HIGH	CVSS:4.0/AV:L/AC:L/AT:N/PR:L/UI:N/VC:H/VI:H/VA:H/SC:N/SI:N/SA:N
3.1	twcert@cert.org.tw	Primary	7.8	HIGH	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H
3.1	CNA	CVSS	7.8	HIGH	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H

CVSS v4.0 Breakdown

Attack Vector

Local

Attack Complexity

Low

Attack Requirements

None

Privileges Required

Low

User Interaction

None

Confidentiality

High

Integrity

High

Availability

High

Sub Conf.

None

Sub Integrity

None

Sub Availability

None

CVSS:4.0/AV:L/AC:L/AT:N/PR:L/UI:N/VC:H/VI:H/VA:H/SC:N/SI:N/SA:N/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	GIGABYTE	Performance Library	affected 25.12.31.01 custom	Not specified

References

Reference	Source	Link	Tags
www.twcert.org.tw/tw/cp-132-10805-a53f6-1.html	twcert@cert.org.tw	www.twcert.org.tw	
www.twcert.org.tw/en/cp-139-10806-fbc4a-2.html	twcert@cert.org.tw	www.twcert.org.tw	
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.

Additional Advisory Data

Solutions

CNA: Please update to version 25.12.31.01 or later.

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

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