

Forum:[Hack Forums](#)

Thread: [New WireTap Attack Extracts Intel SGX ECDSA Key via DDR4 Memory-Bus Interposer](#)

Stanley - October 10, 2025, 1:35 pm

New WireTap Attack Extracts Intel SGX ECDSA Key via DDR4 Memory-Bus Interposer

In yet another piece of research, academics from Georgia Institute of Technology and Purdue University have demonstrated that the security guarantees offered by Intel's Software Guard eXtensions (SGX) can be bypassed on DDR4 systems to passively decrypt sensitive data.

SGX is designed as a hardware feature in Intel server processors that allows applications to be run in a Trusted Execution

<https://thehackernews.com/2025/10/new-wiretap-attack-extracts-intel-sgx.html>

Vectura - October 10, 2025, 2:21 pm

Wow. If SGX can be broken via a memory-bus interposer, hardware-based enclaves are not as bulletproof as we thought.

oRequiem - October 10, 2025, 4:49 pm

(Oct 10, 2025 02:21 PM)Vectura Wrote: [\[CITE\]](#) Wow. If SGX can be broken via a memory-bus interposer, hardware-based enclaves are not as bulletproof as we thought.

Seems like nothing is bulletproof nowadays

leste - October 30, 2025, 5:18 pm

Physical side channel attacks are back, and this is high level stuff.

B3A - October 31, 2025, 1:25 am

(Oct 10, 2025 04:49 PM)oRequiem Wrote: [\[CITE\]](#) Seems like nothing is bulletproof nowadays
Zeroday exploits keep proving this