Intel Boasts Attack Surface Reduction With New 13th Gen Core vPro Platform

Intel on Thursday announced the latest version of its vPro platform for the recently launched 13th Gen Core processors, claiming that it significantly improves security.

The vPro platform is designed to enhance performance, security, manageability and stability. In terms of security, the chip giant says it can provide protection to hardware, firmware, operating systems, and applications through technologies such as Hardware Shield, Control Flow Enforcement Technology (CET), Threat Detection Technology (TDT), and Total Memory Encryption Multi-Key (TME-MK).

Intel claims that the latest version of its vPro platform provides dozens of security capabilities that can help reduce the attack surface of a 13th Gen Core-powered computer by as much as 70% compared to a 4-year-old PC. This is based on an attack surface study conducted by cybersecurity firm IOActive.

A study conducted by IDC found that, compared to non-Intel Windows PCs, Intel-powered Windows devices have a 26% lower risk of major security events and 21% fewer impactful security events, as well as 17% efficiency gains for security teams.

However, it’s worth noting that both studies were commissioned by Intel so they should be taken with a grain of salt.

“New IT-enabled memory encryption will also take virtualization-based security to a game-changing level in

Windows," Intel said. "Customers will have more choice with endpoint detection and response (EDR) vendors enabled with Intel Threat Detection Technology, bringing higher-efficacy detection of the latest threats."

"And as the only business platform with all of this and built-in hardware security to detect ransomware and software supply chain attacks, Intel vPro has the most comprehensive security offering in the industry," it added.

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