



Choosing a PC is a security decision

The digital landscape keeps changing. Threats to information security continue to grow, not just in frequency, but also in variety and scope, and the potential consequences of a security breach grow more costly. At the same time, increasing numbers of devices and the popularity of mobile computing make information systems more difficult to secure. Hardware-enforced security in every PC is critical to the overall security of your business. Choosing a PC is a security decision.

We engineer our Elite PCs with security foremost in mind. Security measures designed to protect your device, identity, and data are embedded at every level—above, within, and below the operating system. Hardware-based security is your strongest defense against the serious dangers that threaten your business.

Security stack

DEVICE	IDENTITY	DATA	MANAGEABILITY
HP Sure Recover	HP Client Security Manager	HP Sure View	
HP Sure Run	HP Multi-Factor Authenticate	HP Sure Click	
HP Sure Start	HP SpareKey	HP Secure Erase	HP Image Assistant
HP BIOSphere		Certified Self-Encrypting Drives	HP MIK



HP Endpoint Security Controller

HP Endpoint Security Controller

The HP Endpoint Security Controller is the hardware component at the foundation of the security architecture of our Elite PCs. Its physically isolated and cryptographically protected hardware creates the root of trust that enables hardware-enforced, self-healing, manageable security solutions like HP Sure Start Gen4, HP Sure Run, and HP Sure Recover.

Device

HP BIOSphere

Building on over a decade of BIOS security leadership, HP BIOSphere Gen4 offers an ecosystem of protections to help defend your PC, including automated protections, customizable safeguards, and easy manageability to protect against attacks without interrupting employee productivity.¹

HP Sure Start

HP Sure Start Gen4 perpetually inspects the system BIOS and automatically self-heals if the BIOS is damaged by malware, rootkits, or corruption. By ensuring that only trusted BIOS code is executed, HP Sure Start protects your PC at its most fundamental level.²

HP Sure Run

HP Sure Run uses hardware-enforced protection to keep critical processes running, even if malware tries to shut them down. Backed by the HP Endpoint Security Controller, HP Sure Run monitors key processes, alerts users and IT of any changes, and restarts them automatically if they are stopped.³

HP Sure Recover

Built into system hardware and firmware, HP Sure Recover enables users to restore their machines quickly and securely to the latest image using only a network connection. It can even enable IT to schedule reimaging for the entire fleet.⁴

Identity

HP Client Security Manager

HP Client Security Manager Gen4 helps users and IT professionals configure and control a variety of security features embedded in HP PCs, including HP Sure Run, SpareKey, and more.

HP Multi-Factor Authenticate

HP Multi-Factor Authenticate Gen2 helps keep your network and VPN safe from unauthorized access by requiring up to three factors of authentication for login—including optional fingerprint reader and IR camera facial recognition—with policies hardened at the silicon level.⁵

HP SpareKey

Forgot your Windows password? HP SpareKey can reset passwords and restore access to locked PCs without intervention from IT personnel by taking the user through a series of predetermined security questions.

Data

Certified Self-Encrypting Drives

Self-encrypting hard drives and solid-state drives employ hardware-based encryption to protect their contents even after the drive is removed from the PC. And because the data encryption process is hardware-based, there's little or no discernable impact on performance.⁶

HP Secure Erase

Simply deleting files from a hard drive doesn't make them unrecoverable. HP Secure Erase is a BIOS-level feature that permanently destroys sensitive information from hard drives and solid-state drives, so it can never be recovered or compromised.⁷

HP Sure Click

Web browsers are a primary attack vector for malware and other online threats. HP Sure Click is a hardware-enforced secure browsing solution that isolates web content in a CPU-isolated virtual machine, where malware cannot affect other tabs, applications, or the operating system.⁸

HP Sure View

Even the best security software can't prevent visual hacking—unauthorized users viewing confidential information on an unguarded display. At the touch of a button, HP Sure View Gen2 activates an integrated privacy screen that makes data visible only to the user sitting directly in front of it.⁹

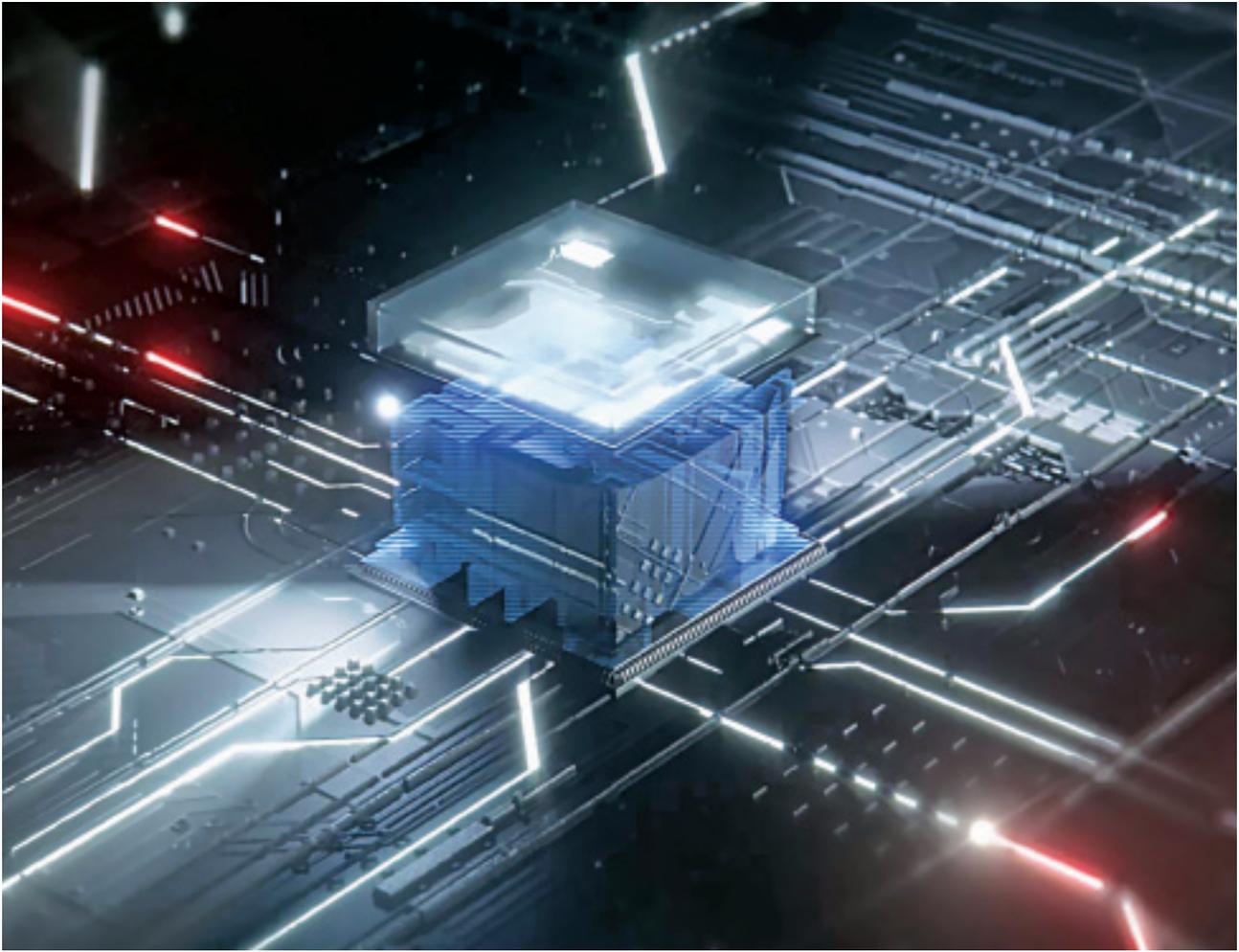
Management

HP Image Assistant

HP Image Assistant helps you develop and maintain a robust software image, ensure that it remains up to date with the latest patches and upgrades, and implement it consistently on PCs throughout your business.

HP Manageability Integration Kit

The HP Manageability Integration Kit (MIK) is designed to integrate with Microsoft System Center Configuration Manager (SCCM) to help IT administrators update and maintain software and security settings across your fleet of PCs.¹⁰



Visit hp.com/go/computersecurity for more information.

1. HP BIOSphere Gen4 requires 8th generation Intel® or AMD processors. Features may vary depending on the platform and configurations.
2. HP Sure Start Gen4 is available on HP Elite and HP Pro 600 products equipped with 8th generation Intel processors.
3. HP Sure Run is available on HP Elite products equipped with 8th generation Intel or AMD processors.
4. HP Sure Recover is available on HP Elite PCs with 8th generation Intel or AMD processors and requires an open, wired network connection. Not available on platforms with multiple internal storage drives or Intel Optane™. You must back up important files, data, photos, videos, etc. before use to avoid loss of data.
5. HP Multi-Factor Authenticate Gen2 requires Windows, a 7th or 8th generation Intel Core™ processor, Intel integrated graphics, and Intel WLAN. Microsoft System Center Configuration Manager is required for deployment. Three-factor authentication requires Intel vPro™. Authentication factors may require optional hardware.
6. Self-encrypting drives are available as an option on select HP PCs.
7. HP Secure Erase conforms to the methods outlined in the National Institute of Standards and Technology Special Publication 800-88 "Clear" sanitation method.
8. HP Sure Click is available on select HP platforms and supports Microsoft Internet Explorer and Chromium. Check <http://h20195.www2.hp.com/v2/GetDocument.aspx?docname=4AA7-0922ENW> for all compatible platforms as they become available.
9. HP Sure View integrated privacy screen is an optional feature that must be configured at purchase.
10. HP Manageability Integration Kit can be downloaded from hp.com/go/clientmanagement.

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