(intel)
experience
what's inside™

A FOUNDATION FOR BUSINESS COMPUTING

DEVICES BUILT ON THE INTEL VPRO® PLATFORM PROPEL THE MODERN WORKPLACE AND BECOME STRATEGIC ASSETS TO A BUSINESS

(intel) vPro® PLATFORM

The modern workplace is defined by mobility, connectivity, and scalability. Employees require a premium computing experience anytime and anyplace they create, share and collaborate. For technology decision makers, selecting and efficiently deploying the right hardware stands on the critical path to business results. To that end, the Intel® vPro® platform delivers capabilities that transform computing endpoints into more trustworthy and well-maintained productivity tools.

BUILT FOR BUSINESS

The Intel vPro platform is comprised of hardware and technologies that form the building blocks for business computing. System manufacturers utilize these building blocks and contribute computing expertise to deliver notebooks, desktops, workstations, and other computing appliances that are optimized for the modern workplace.
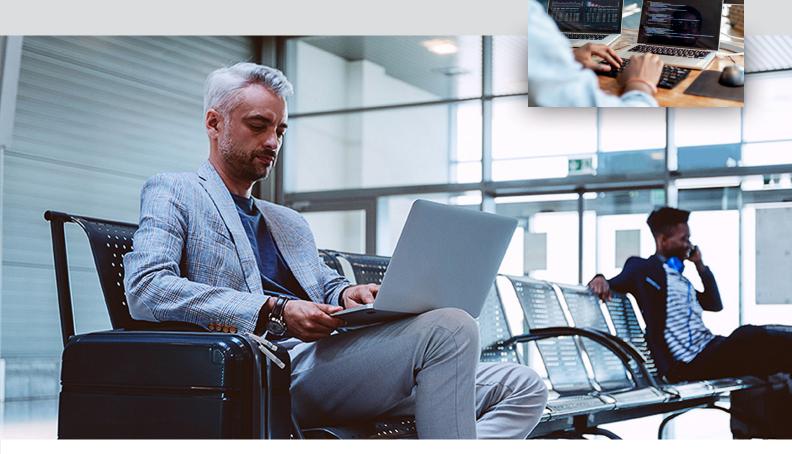
BUILDING BLOCKS FOR BUSINESS COMPUTING

THE HEART OF THE PLATFORM

The Intel vPro platform features the latest Intel Core vPro and Intel® Xeon® processors. The platform specification is updated on a regular basis to provide continuous innovation and offers optimized architectures for desktop, mobile and workstations. Each generational release aims to provide performance headroom for business workflows while enabling flexible form factors for a variety of computing environments.

SPECIFICATION COMPONENTS

Complementing the processor, systems based on the Intel vPro platform incorporate specific chipsets, management-optimized networking, plus high-end memory and I/O components designed to improve business productivity. Systems verified as brand compliant also enable a wide variety of technologies that improve manageability, security and stability for business devices. Moreover, the Intel vPro platform specification requires Microsoft Windows* 10 Pro or Windows 10 Enterprise as various capabilities of the platform either enable, accelerate, or complement features and services within these operating systems.

ADDING UNIQUE CAPABILITIES FOR BUSINESS

DESIGNED TO EMPOWER IT AND MANAGED SERVICE PROVIDERS

The Intel vPro platform sits atop Intel's commercial product offerings. The platform is a superset of underlying products and technologies, adding unique capabilities for business computing. The Intel vPro platform is designed with IT in mind to help businesses, large and small, keep employees productive, secure company assets and simplify fleet management. It helps IT implement corporate policies, including custom imaging, enabling security services, device provisioning, or maintaining machines over their life cycle. This type of asset control can benefit businesses of all sizes.

SIMPLIFIES COMPUTER PURCHASE DECISIONS

VALUE PROPOSITION

The Intel vPro platform simplifies computer purchase decisions with platforms verified ready for business. The value proposition extends across four categories, addressing the needs of both workers and technology decision makers. Employees can contribute at the highest level, company assets are better protected, and IT teams can simplify fleet maintenance.
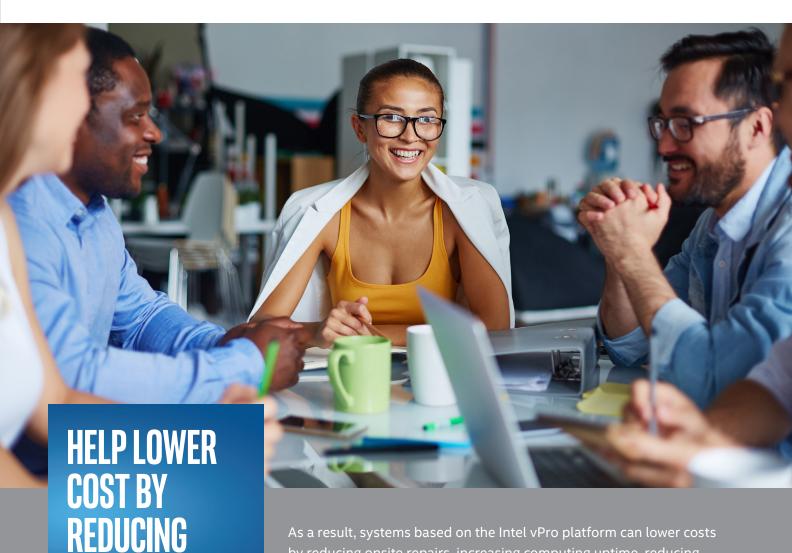
PERFORMANCE

Modern workers require amazingly responsive computing systems that match their pace of work. Systems powered by the latest Intel vPro processors give workers the business-class performance and responsiveness they need to be productive, plus integrated Wi-Fi 6 (Gig+) for fast, reliable connectivity, elite desktop performance, long mobile battery life, and a host of other innovative features to keep employees productive. Performance is also about having the right device for the job, therefore, Intel vPro brand compliant systems are available in a variety of form factors. This includes thin and light mobile systems with great battery life, small form factor desktops for elegant workspaces, and workstations that support a rich computing environment. This comprehensive offering results in a great user experience, empowering worker productivity.

MANAGEABILITY

The Intel vPro platform features Modern Manageability with Intel® Active Management Technology (Intel® AMT) and Intel® Endpoint Management Assistant (Intel® EMA). This enables efficient proactive and reactive maintenance of computing endpoints. This is critical given the current rate of technology change, where software patches are common and often necessary at all layers in the stack. Intel AMT and Intel EMA provide full OS-independent, cloud based remote control of 1000s of endpoints over wired or wireless connections, inside or outside the corporate firewall enabling wake and patch, system reimaging and recovery, and other popular use cases. On systems with integrated Intel® HD Graphics, out-of-band keyboard/video/mouse remote control allows a technician to remotely debug a PC as if sitting right in front of it.

HELP LOWER COST BY REDUCING ONSITE REPAIRS

As a result, systems based on the Intel vPro platform can lower costs by reducing onsite repairs, increasing computing uptime, reducing disruption caused by updates, and enabling IT to reach distributed workforce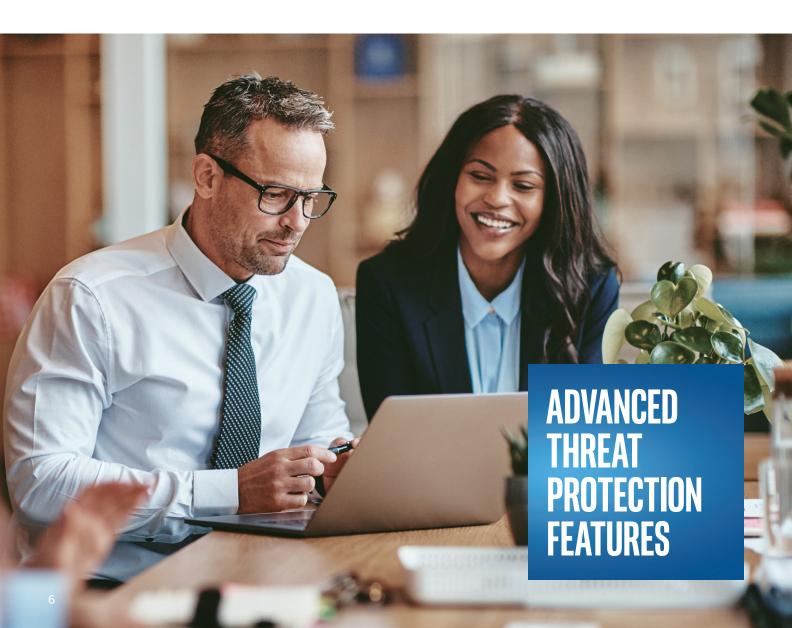s and devices. Modern Manageability is increasingly important to a business because a well-maintained PC is a more secure PC.

SECURITY FEATURES

The Intel vPro platform delivers hardware-enhanced security features that help protect all layers in the computing stack. Intel® Hardware Shield, exclusive to the Intel vPro platform, helps reduce the attack surface of the system by locking down system critical resources to help prevent malicious code injection from compromising the OS, helping to ensure your OS runs on legitimate hardware, and delivering hardware-to-OS security reporting to enable your OS to enforce a more comprehensive security policy. In addition, Intel Hardware Shield offers advanced threat protection features that can perform active memory scanning to help improve the detection of advanced threats while reducing false positives and minimizing performance impact. Intel® Transparent Supply Chain provides a mechanism to confirm component authenticity. Finally, systems based on the Intel vPro platform provide hardware support for a variety of security services within the Windows* 10 Pro and Windows* 10 Enterprise operating systems.

ADVANCED THREAT PROTECTION FEATURES

BETTER MANAGE OS TRANSITIONS

STABILITY

The Intel® Stable IT Platform Program (Intel® SIPP) helps businesses manage lifecycle complexities. It aims to stabilize key system components for 15 months. This helps a business avoid network or software compatibility problems that may arise when deploying less stable computing infrastructure. Intel validates multiple versions of Windows* 10 on any given generation of the platform, allowing businesses to better manage OS transitions and take advantage of extended support from Microsoft for any given OS release. Intel® SIPP includes full platform validation support for additional (post Time To Market) Windows* 10 Enterprise SAC releases; including up to 2 previous OS releases (1809).

SUMMARY

The right computing solutions are essential to a modern workplace – wherever that may be. The devices people use directly impact productivity, nurture core competencies, and drive collaboration that produces business results. The Intel® vPro® platform powers devices that meet the needs of the user and the needs of the business, hence transforming computing endpoints into strategic corporate assets. For more info please visit intel.com/vpro.

PERFORMANCE FEATURES	• Intel® Core™ vPro® Processors or Intel® Xeon® Processors (eligible SKUs) • Intel® Wireless-AC or Intel® Wireless-AX • Intel® Ethernet Connection • Intel® Solid State Drives • Intel® Optane™ Memory • Intel® Thunderbolt™ 3 Controller • Intel® XMM™ Cellular Platform, M.2 Wirelss WAN Module (recommended)
STABILITY FEATURES	• Intel® Stable IT Image Platform • Microsoft Windows* 10 Validation Program

SECURITY FEATURES	• Intel® Hardware Shield includes:
	  • Intel® Runtime BIOS Resilience
	  • Intel® Trusted Execution Technology
	  • Intel® System Security Report
	  • Intel® System Resource Defense
	  • Intel® Threat Detection Technology
	  • Intel® Virtualization Technology for IA-32, Intel® 64 and Intel® Architecture (Intel® VT-x)
	  • Intel® Virtualization Technology for Directed I/O (Intel® VT-d)
	• Trusted Platform Module 2.0 (discrete 3rd party component)
	• Intel® Transparent Supply Chain

MANAGEABILITY FEATURES	• Intel® Active Management Technology (Intel® AMT) • Intel® Endpoint Management Assistant (Intel® EMA) • Intel® Setup and Configuration Software (Intel® SCS) • Intel® Manageability Commander

For more information, please visit **www.intel.com/products/vpro**

Software and workloads used in performance tests may have been optimized for performance only on Intel microprocessors.

Performance tests, such as SYSmark and MobileMark, are measured using specific computer systems, components, software, operations and functions. Any change to any of those factors may cause the results to vary. You should consult other information and performance tests to assist you in fully evaluating your contemplated purchases, including the performance of that product when combined with other products. For more complete information visit www.intel.com/benchmarks.

Performance results are based on testing as of dates shown in configurations and may not reflect all publicly available updates. See backup for configuration details.

No product or component can be absolutely secure.

Your costs and results may vary.