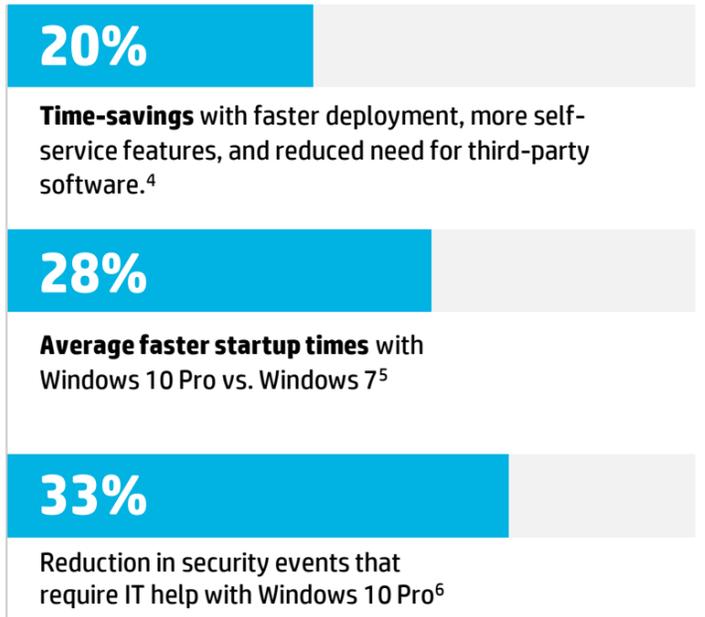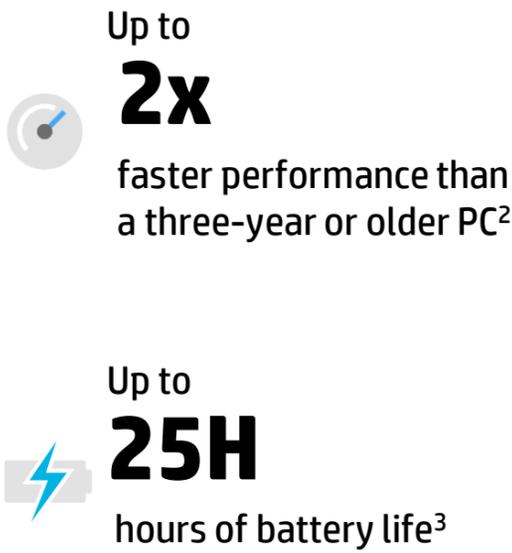# Windows 10 Pro + AMD Ryzen™ for Business.
Help your business work even smarter.

From your executives to your sales managers to your front desk staff, HP modern devices with Windows 10 Pro and AMD Ryzen™ for Business processors offer powerful performance for the entire business.
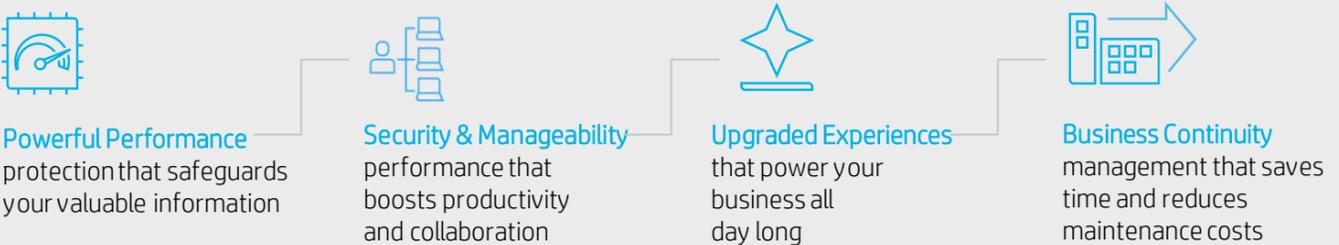
Are old PCs costing your business?

PCs older than four years are

3.5x

as likely to need repairs[1]

The lost productivity adds up to

3x

the cost of newer PCs[1]

The benefits of modern devices add...

Up to
2x
faster performance than a three-year or older PC[2]

Up to
25H
hours of battery life[3]

20%

Time-savings with faster deployment, more self-service features, and reduced need for third-party software.[4]

28%

Average faster startup times with Windows 10 Pro vs. Windows 7[5]

33%

Reduction in security events that require IT help with Windows 10 Pro[6]

What HP Windows 10 Pro + AMD Ryzen™ for Business can do for you

Powerful Performance
protection that safeguards your valuable information

Security & Manageability
performance that boosts productivity and collaboration

Upgraded Experiences
that power your business all day long

Business Continuity
management that saves time and reduces maintenance costs

Learn more at: www.hp.com   ■■ Microsoft | AMD◸

1. Small Business PC Study, Techaisle, 2016 More
2. Testing conducted by AMD Performance Labs as of January 10, 2019. Cinebench nT used to measure CPU Multi Thread Performance. Performance presented in A12-9800B (100%) vs Ryzen 7 PRO 3700U scored a 688.4775, while the A12-9800B scored a 240 for a comparison of 688.4775/240=2.87. PCMark 10 used to measure System Performance. Performance presented in A12-9800B (100%) vs Ryzen 7 PRO 3700U scored a 4075.5, while the A12-9800B scored a 2547.33 for a comparison of 4075.5/2547.33=1.60. System Configurations: AMD Ryzen™ 7 PRO 3700U, 2x4GB DDR4, Radeon™ Vega 10 Graphics (driver 25.20.14102.16), Samsung 850 Pro SSD, Windows® 10 Pro x64. AMD PRO A12-9800B, 2x4GB DDR4, Radeon™ R7 Graphics (driver 22.19.662.4), Samsung 850 Pro SSD, Windows® 10 Pro x64 PCMark and 3DMark are registered trademarks of Futuremark Corporation. PC manufacturers may vary configurations yielding different results. All scores are an average of 3 runs with the same settings. Performance may vary based on use of latest drivers. PP-7
3. Windows 10 MM14 battery life will vary depending on various factors including product model, configuration, loaded applications, features, use, wireless functionality, and power management settings. The maximum capacity of the battery will naturally decrease with time and usage. See http://www.bapco.com for additional details
4. Security events requiring IT remediation are reduced or avoided by up to 33% with Windows 10. The Total Economic Impact™ of Microsoft Windows 10, Forrester, 2016. No product or component can be absolutely secure. More
5. Testing conducted by Principled Technologies in July 2015 in a closed lab environment using OEM factory default images on a representative sample of Windows 7 devices. Each boot test was run 10 times and the averages compared. Average improvement in startup was 28%. More
6. The Total Economic Impact™ of Microsoft Windows 10, Forrester, December 2016.

HP, AMD, & Microsoft
UPGRADE TO THE PRO ADVANTAGE

			Windows 10 Home & AMD Ryzen™	Windows 10 Pro & AMD Ryzen™ PRO
FUNDAMENTALS	AMD Architecture	Designed for today's more sophisticated attacks, improved power efficiency, and cool & quiet business devices	√	√
	Battery saver mode	Extend battery life by limiting background activity and push notifications.	√	√
	Cortana	Your digital assistant on PCs and mobile devices can schedule a meeting, tell you when it's time to leave for an appointment, or check the weather, news, and traffic.	√	√
	Digital Pen & Touch	Take notes, navigate, draw, doodle, edit, and create. Improve what you do with a digital pen.	√	√
	AMD Multi-thread Performance	Multi-threading improves performance by allowing multiple cores to work on a problem at the same time; improving your performance and productivity.	√	√
	Microsoft Edge	Get faster browsing and better battery life across your devices with Microsoft Edge, the browser built for Windows 10.	√	√
	Mobile	Get instant access to your Android phone's texts and photos on your PC, or connect your iPhone for seamless browsing, calendar, and app experiences.	√	√
	Voice	Free up time and your hands by talking to your computer. Get information and reminders, or listen to music and manage your emails, and calendar.	√	√
SECURITY	AMD Secure Processor	Helps protect a system by operating as a hardware root of trust for digital right management and firmware protection.	√	√
	Device encryption	Helps protect your data by encrypting it.	√	√
	Firewall and network protection	Comprehensive, built-in security features, including firewall and internet protections to help safeguard against viruses, malware, and ransomware.	√	√
	Internet protection	Provides the settings for Windows Defender SmartScreen, which helps protect your device from potentially dangerous apps, files, websites, and downloads.	√	√
	Parental controls / protection	Manage screen time, limit access to mature content, control online purchases when you connect your family's Microsoft accounts, and check to make sure the family's devices are secure and up to date.	√	√
	AMD Secure Boot	AMD Secure Boot helps prevent malicious software applications and unauthorized operating systems from loading during the system start-up process.	√	√
	Windows Defender Antivirus	Uses the power of the cloud, wide optics, machine learning, and behavior analysis to protect your devices from emerging, sophisticated threats.	√	√
	Windows Hello	Using facial recognition, a fingerprint, or PIN, Windows Hello is a fast, secure, and password-free way to unlock your compatible Windows devices.	√	√
	AMD Memory Guard	The only business processor family with full memory encryption* as a standard security feature to help protect data should your PC be lost or stolen.		√
	AMD PRO Security	Multi-layered approach to security, to help protect data and avoid downtime.		√
	BitLocker device encryption	If your device is lost or stolen, BitLocker and BitLocker To Go put everything on lockdown, so no one else can access your systems or data.		√
	Secured-Core PC	Enabling the most secure Windows 10 devices out-of-the-box with integrated hardware, firmware, software, and identity protection.		√ coming soon for 805 Series
	Windows Information Protection (WIP)	Helps to protect against potential data leakage without otherwise interfering with the employee experience. WIP also helps to protect enterprise apps and data against accidental data leaks on enterprise-owned devices and personal devices that employees bring to work, without requiring changes to your environment or other apps.		√
	Microsoft Defender Advanced Threat Protection	Delivers preventative protection, post-breach detection, automated investigation, and response.		√ *M365
BUSINESS MANAGEMENT & DEPLOYMENT	AMD PRO Business Ready	Long-term reliability, performance, 24 months of planned availability and 18 months of planned software stability brings peace of mind.		√
	Stack Consistency	Consistency in the full fleet of Ryzen™ PRO processors from features to interfaces.		√
	Commercial-Grade Quality	Meets additional FIT Requirements.		√
	AMD PRO Manageability	Full manageability feature set for simplified deployment, imaging, and management that is compatible with your current infrastructure.		√
	Assigned Access	Windows 10 Pro devices run different applications depending on the user and keep individual identities separate and secured.		√
	Azure Active Directory	Multi-tenant, cloud-based identity, and access management service.		√
	Dynamic Provisioning	Take a new PC out of the box, turn it on, and transform it into a productive organization device, with minimal time and effort.		√
	Enterprise State Roaming with Azure	Available to any organization with an Azure AD Premium or Enterprise Mobility + Security (EMS) license, Enterprise State Roaming provides users with a unified experience across their Windows devices and reduces the time needed for configuring a new device.		√
	Kiosk mode setup	Configure a device in kiosk mode in a very simple way. You can do this locally on the device or remotely using Mobile Device Management.		√
	Microsoft Autopilot	Simplifies the way devices get deployed, reset, and repurposed, with an experience that is zero touch for IT.		√ *M365
	Microsoft Desktop Analytics	Simplifies the end-to-end deployment and upgrade process by providing comprehensive inventory, application compatibility assessment, pilot recommendations, and actionable insights.		√ *M365
	Microsoft Endpoint Configuration Manager	Transformative management and security that meets you where you are and helps you move to the cloud.		√ *M365
	Microsoft Intune	Support your diverse mobile ecosystem, Achieve IT efficiencies in the cloud, Protect data with or without device enrollment, Access our team of deployment experts and get support anytime.		√ *M365
	Microsoft Store for Business	Your one place to find, manage, and distribute apps to Windows 10 devices in volume.		√
	Mobile Device Management	Provides an alternative to traditional PC management processes: you can transition to cloud-based management at your own pace		√
	Support for Azure Active Directory	Employees can use a single login across Windows 10, Microsoft 365, and other Microsoft services, making logons and passwords easier to manage. The shared logon works on PCs, tablets, and phones with minimal IT involvement.		√
	Windows Update for Business	Help businesses reduce management costs, provide control over update deployments, enable more efficient delivery of updates, and provide access to the latest innovations from Microsoft.		√

Windows 10 Pro

hp | AMD