

# DO MORE—FASTER



Increase your productivity by up to 50 percent<sup>1</sup>

## PRODUCTIVITY IS PARAMOUNT

When you equip workers with the right tools for their jobs, productivity is limitless. But getting there has its challenges. IT professionals must support mobile workers, branch offices, myriad devices, and third-party access to your networks. Collaboration is a key requirement—and a competitive necessity. Demands on data, applications, and networks are high, and visibility into today's bring-your-own-device (BYOD) environment is insufficient.

Keeping pace with a rapidly evolving marketplace means streamlining routine IT practices to drive services that create business revenue. In many cases it also means upgrading technology to harness the performance, collaboration, and mobility advantages made possible by new and emerging tools. In today's fast-moving business environment the productivity of your small business cannot be limited by the clock or the map.

## THE IMPACT OF MOBILITY AND SECURITY

According to IDC, the mobile worker population in the United States alone will grow at a steady rate over the next five years, increasing to 105.4 million mobile workers in 2020. By the end of 2020, IDC expects mobile workers will account for nearly three-quarters (72.3 percent) of the total U.S. workforce.<sup>2</sup>

But mobility is just one factor impacting business productivity. A decentralized workforce; telecommuting; the consumerization of IT, BYOD; increased collaboration with external partners, suppliers, and vendors on business networks; and a data-driven economy are all challenging small businesses and their IT professionals.

Keeping both employees and IT productive can require evaluation of a spectrum of variables—ranging from user experiences, device choice, and collaboration tools to device provisioning, manageability, performance, and availability. Security is both critical and challenging for end users and IT. A study by Dell found that 82 percent of remote workers require additional security measures from IT. The challenge is that some 92 percent of business users feel additional security measures negatively impact their productivity.<sup>3</sup>

## INTEGRATED PRODUCTIVITY SOLUTIONS

Windows® 10 Pro runs best on 7th Gen Intel® Core™ vPro™ processors. Together, the solutions bring a host of advanced productivity benefits to end users and IT. Windows 10 Pro is designed to help business owners lower their total cost of ownership (TCO) by helping IT departments reduce the amount being invested in maintaining the status quo with old infrastructure and processes. That frees resources to be invested in digital transformation, which ultimately requires less IT administration time to install, manage, and support, while offering easy-to-use features and more self-service functions. In this way, IT can worry less about the day to day and concentrate more on accelerating innovation.



**IDC PREDICTS COMMERCIAL DETACHABLE TABLETS, INCLUDING 2-IN-1s, WILL GROW FROM FEWER THAN 800,000 DEVICES IN 2016 TO MORE THAN 6.5 MILLION UNITS IN 2020, REPLACING TRADITIONAL NOTEBOOKS AND DESKTOPS FOR MANY WORKERS.<sup>1</sup>**

“Mobility has become synonymous with productivity both inside and outside the workplace, and the mass adoption of mobile technology in the United States has cultivated an environment where workers expect to leverage mobile technology at work.”<sup>2</sup>

*Bryan Bassett, Research analyst, Mobile Enterprise: Device Solutions, IDC*

1. Langan, Jennifer, “2-in-1s Becoming the New Standard in Productivity Tools for Mobile Workers,” Insights, March 3, 2017.

2. “IDC Forecasts U.S. Mobile Worker Population to Surpass 105 Million by 2020,” BusinessWire, June 23, 2015.

At the same time, automatic updates and upgrades simplify provisioning and help ensure workers have the latest security protection. IT administrators estimate a 15 percent time savings—valuable time available to help in other key IT areas.<sup>4</sup> Windows 10 Pro was also designed to meet and exceed workers' productivity requirements, as well as deliver on their expectations for more personal computing on the devices they use.

New 7th Gen Intel Core vPro processors deliver exceptional performance for today's mobile, collaborative, data-intensive workflow. Intel® vPro™ technology allows remote management, even when systems are powered off—increasing security and IT visibility, while saving on remediation costs.

A range of energy-efficient models gives employees more choice, while increasing IT control. Choose from a desktop tower, a touchscreen all-in-one for customer-facing locations, or a compact-but-powerful mini PC for small workspaces. The latest mobile form factors provide long battery life<sup>5</sup> and are available in razor-thin 2 in 1s, sleek Ultrabook™ devices, and quad-core-based laptops for top-of-the-line performance.

Together, Windows 10 Pro and 7th Gen Intel Core vPro processors deliver a new level of security to protect devices, data, and networks. With Windows Hello for Business\*, biometric authentication and recognition is easy with a face or fingerprint.<sup>6</sup> Intel® Authenticate—in 7th Gen Intel Core vPro processors—brings multifactor security at the hardware level, adding another essential layer of protection.

## PRODUCTIVITY TECHNOLOGY CLOSE-UP

The 7th Gen Intel Core vPro family of processors and Windows 10 Pro deliver the performance, security, and manageability to help your small business maximize productivity.

### 7th Gen Intel Core vPro processors

High-performing devices based on 7th Generation Intel Core vPro processors streamline productivity and performance for serious business compute by enabling maximum multitasking efficiency and up to 10 hours of battery life.<sup>7</sup>



New Intel Core vPro processor-based 2 in 1s are optimized for Windows 10 Pro and the applications you depend on to increase your productivity by up to 50 percent.<sup>1,8</sup> Move swiftly among apps and browsing tabs on new 2 in 1s for multitasking that is up to 65 percent faster.<sup>8,9</sup>

### Windows 10 Pro

Always-enabled updates ensure employees stay current on features and security for the supported lifetime of the device and streamline provisioning. Windows 10 is Microsoft's most secure operating system. From the first boot-up through the supported lifetime of devices, Enterprise Data Protection\* with Windows 10 makes it easier to perform data separation and containment of corporate data, wherever it might be. Windows acts as an access-control broker that gates user and app access to protected data based on the policies that IT defines.



### Intel® Unite™ Software

Intel Unite software is designed to power modern, secure, and connected meeting spaces that transform collaboration and meetings by design.<sup>5</sup> It allows small businesses to connect participants, share content, deploy room devices, manage conference rooms, integrate with current infrastructure, and extend collaboration capabilities. Security features protect access, content, data—on-site and off-site—and guest participation, as well as meeting room devices.



### Thunderbolt™

Digital transformation is moving too fast for old computers. New Intel Core vPro processor-based devices with Thunderbolt 3 ports are designed for the future of transferring thousands of videos and photos in seconds—eight times faster than USB 3.0.<sup>8,10</sup> And because Thunderbolt 3 is bidirectional, workstations can transfer and display both data and 4K video simultaneously without any loss to bandwidth.



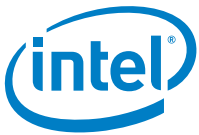
“Employees, especially mobile workers, estimate they have **25 percent more time** to get work done [with Windows 10®] than they did before.”

*Forrester Consulting, 2016*

Source: Leznek, Jason, “Forrester Study Finds Windows® 10 Can Reduce Security, IT, and Productivity Costs,” July 12, 2016, <https://blogs.windows.com/business/2016/07/12/forrester-study-finds-windows-10-can-reduce-security-it-and-productivity-costs/>.

Put enhanced productivity at your fingertips—and transform your small business.

[intel.com/smallbusiness](http://intel.com/smallbusiness)



1. New 7th Gen Intel® Core™ vPro™ processor-based 2 in 1s are optimized for Windows® 10 Pro and the applications you depend on to increase your productivity by up to 50 percent.
  - Compared to a five-year-old PC. As measured by an overall score of SYSmark® 2014, which is a benchmark from the BAPCo® consortium that measures the performance of Windows® platforms. SYSmark tests three usage scenarios, including office productivity, media creation, and data/financial analysis using real applications from independent software vendors such as Microsoft and Adobe.
2. “IDC Forecasts U.S. Mobile Worker Population to Surpass 105 Million by 2020,” BusinessWire, June 23, 2015.
3. Kerner, Sean Michael, “How Does Security Impact Employee Productivity,” eSecurity, September 9, 2015, <http://www.esecurityplanet.com/network-security/how-does-security-impact-employee-productivity.html>.
4. Leznek, Jason, “Forrester Study Finds Windows 10 Can Reduce Security, IT, and Productivity Costs,” July 12, 2016, <https://blogs.windows.com/business/2016/07/12/forrester-study-finds-windows-10-can-reduce-security-it-and-productivity-costs/>.
5. Intel® technologies may require enabled hardware, specific software, or services activation. Performance varies depending on system configuration. No computer system can be absolutely secure. Check with your system manufacturer or retailer or learn more at [intel.com](http://intel.com).
6. Windows Hello® requires specialized hardware, including fingerprint reader, illuminated IR sensor, or other biometric sensors.
7. As measured by Windows® 10 EEMBC Browsing Bench Component Average Power. 7th Generation performance measurements and battery-life projections: Intel® Core™ i5-7300U processor, PL1=15W TDP, 2C4T, turbo up to 3.5 GHz, memory: 2x4 GB DDR4-2133, storage: Intel® SSD 535 series, display resolution: 1920x1080, Intel® HD Graphics 620, OS: Windows 10.
8. 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 information go to [www.intel.com/benchmarks](http://www.intel.com/benchmarks).
9. Move swiftly between countless apps and browsing tabs on new 7th Gen Intel® Core™ vPro™ processor-based 2 in 1s for multitasking that is up to 65 percent faster.
  - Compared to a five-year old PC. As measured by SEG572, which is an office productivity and multitasking workload using Word® (save to PDF), Excel® (recalc), PowerPoint® (slide sort), and NXPowerLite Desktop (to shrink contents with office documents, kind of like compression), all while playing video in the background (simulating the watching of a business training or webcast).
10. New 7th Gen Intel® Core™ vPro™ processor-based devices with Thunderbolt 3 ports are designed for the future of transferring thousands of videos and photos in seconds—eight times faster than USB 3.0.
  - As compared to other PC I/O connection technologies including eSATA®, USB, and IEEE 1394 Firewire®. Performance will vary depending on the specific hardware and software used. Must use a Thunderbolt™-enabled device.

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