

# Experience HP Premium Devices

Inspired by how you live, work and connect



keep reinventing



3 INTRODUCTION

4 WORKFORCE, WORKPLACE  
AND WORKSTYLE ARE CHANGING

8 INTRODUCING HP BUSINESS PREMIUM

13 REINVENTING DESIGN

16 REINVENTING COLLABORATION

22 REINVENTING SECURITY

26 MEET THE FAMILY



29 SPECS

# Change isn't coming it's already here

## The business landscape is changing forever.

Gone are workers shackled to their desks. In their place are empowered employees with the ability to work anytime, anywhere. Able to share ideas, be better informed and work in collaboration as people are brought together no matter how far apart they are. As barriers are falling, productivity is rising. Individuals are unlocking their true potential, unrestricted by old working practises and processes.

### A new and better way to work is here:

- 03 People use on average 3 different devices during the day<sup>1</sup>
-  The most frequent device used for meetings is a notebook<sup>2</sup>
-  According to Gartner, non-routine work will comprise 40% of the workload by 2025





# Workforce is changing

The Millennials today represent about 34% of the workforce.<sup>3</sup>

Demographics in the workplace are changing. Millennials today represent about 34% of the workforce.<sup>3</sup> Brought up with personal computers and the internet as the norm, they don't just multitask but supertask. Demanding ultra-cool, high-end devices which perform to their expectations, they don't see technology as a tool, it defines who they are. As these individuals continue to move up the management ladder, the need to give them the right technology becomes ever more important.





A close-up photograph of a person's hands interacting with a tablet. The tablet is displaying a project management dashboard with various charts, lists, and a calendar. The person's right hand is pointing at a specific item on the screen, while their left hand is holding the bottom edge of the tablet. The background is blurred, showing what appears to be an office setting with other people.

# Workstyle is changing

The 9 to 5 office  
job is no more.

As work is done remotely, the line between what we do for a living and how we live our life criss-crosses from one to the other. Already, people say they spend over 700 hours a year having business calls and meeting through their notebook. With research telling us that the use of audio conferencing is going to double over the next 5 years<sup>4</sup>.

With this new way of working comes the challenge of allowing everyone to interact as if they were still all in one place. Distance mustn't matter and teams should be able to collaborate with ease, sharing ideas and knowledge as if they were face-to-face even though they may even be oceans apart.

# Workplace is changing

## HP Devices as a Service (DaaS)

### Smart, Simplified Computing Solutions for today's World

Boost employee productivity and IT efficiency with HP Devices as a Service (DaaS). Get everything you need, and more, from hardware to lifecycle services and support, with one contract.

### Why HP Devices as a Service?

Offload the time-consuming tasks of device support and management on what moves your business forward. Reduce the complexity of flexible, predictable plans and easy quote building for businesses of your size.

### One Service, Complete Support

By combining hardware and services into a single contract, HP Devices as a Service can help improve your cash flow, predictability, and support predictable and consistent IT budgeting. We will work with you to determine the needs within your organization – from workers to road warriors and sales teams – to ensure you get the right solution for your business.

Learn more [hp.com/go/daas](http://hp.com/go/daas)

More than 60 percent of IT teams surveyed by IDC say their resources are drained by device management<sup>5</sup>. Devices as a Service (DaaS) solutions are being implemented or considered by 40 percent of businesses<sup>6</sup> as companies are seeing the value of shifting resources to more strategic-level initiatives instead of spending IT resources on lifecycle support and device management.





world-class computing solutions from HP Device  
nothing you don't, from hardware and accessories  
t and a fixed price per device.

ort and lifecycle management and start focusing  
e complexity of purchasing computing solutions with  
that make it simple to tailor a solution, regardless

contract with one monthly payment, HP Device  
erve capital to invest in other IT priorities,  
ng. An HP representative, or authorized DaaS partner,  
our organization – from executives and office  
ure you have the right plan in place.

## The days of one employee, one desk are over.

Now work goes with you. But workforces going mobile and using multiple devices comes at a price and that is an increase in cybercrime. When you consider that around 325,000 samples of new malware appeared every day in 2014<sup>7</sup>, it's easy to understand why security is a No.1 concern with ITDMs. As users demand stylishly thin yet powerful devices that match their lifestyle, we must ensure that it is not at the expense of security. Their notebooks must first and foremost be built for business and have safeguards to protect devices and the data they hold.



# 325,000

samples of new malware  
appeared every day in 2014<sup>7</sup>





# Introducing HP Business Premium range





## Design. Security. Collaboration.

The HP Premium devices powered by Intel® Core™ vPro™ processors let your employees have all these at their fingertips. As the lines between work and home blur, it offers not just performance but also sophistication in the form of a thin, lightweight design that matches their lifestyle. At the same time, enterprise-class security provides protection as desks are replaced by kitchen, train and coffee shop tables. And as people expand where they work, we bring them closer together thanks to world-class audio and collaboration features that let connections be made, information be unlocked and ideas shared. All without the need for wires.





### Suddenly the whole office wants an upgrade

Enterprise-class security and manageability with world-class audio and collaboration features. All packed into thin, lightweight form factors built to reinvent the way you work. A whole new work style for today's work force.

81% say they do work activities during personal time, 58% do personal activities during work time.<sup>8</sup>



### Astonishing durability

Never fear bumps and minor spills. The HP Elite Series passes MIL-STD-810G tests, as well as up to 120,000 hours of the HP Total Test Process, so their beauty comes with exceptional durability.<sup>12</sup>

### In a word – breathtaking

Thin. Light. Beautiful. This is a lineup the whole office will be talking about. With diamond cut accents and CNC aluminum chassis, the HP Elite Series brings a whole new style to office productivity. The elegant thin and light designs pack collaboration, security, and manageability features into durable beauty.

### Built for business

IT will love the enterprise-level security and remote manageability features, but there's more. Users will enjoy crystal-clear audio by Bang & Olufsen, backed by HP noise cancellation software, HD displays and webcams, plus collaboration features to keep you connected and productive wherever work takes you.



# Reinvent the way work gets done Intel Inside<sup>®</sup>. Better way to work outside.

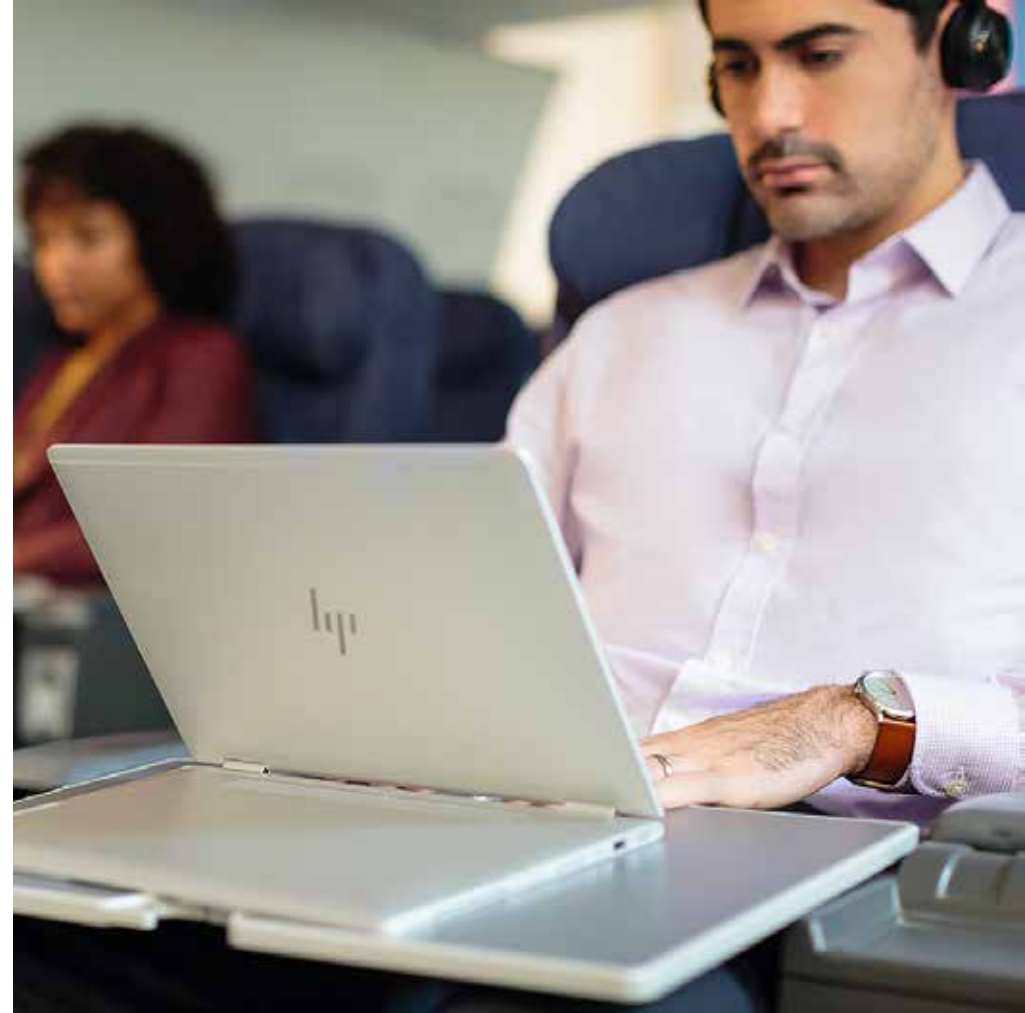


A revolution is taking place in our workforce, workplace and workstyle. HP Premium devices powered by 7<sup>th</sup> generation Intel<sup>®</sup> Core<sup>™</sup> i7 vPro<sup>™</sup> processors let you embrace this new and exciting business world.

Designed with today's user in mind, it offers beauty and craftsmanship that doesn't just meet the highest expectations, but surpasses them. This is more important than ever with 52% of Millennials now saying that design is important when choosing a PC.<sup>7</sup> Of course, stunning looks are matched with outstanding performance as significant part of products listed in the portfolio is based on the new 7<sup>th</sup> generation Intel<sup>®</sup> Core<sup>™</sup> i7 vPro<sup>™</sup> processors.

A next generation solution, they offer breakthrough identity protection and security without wires, ideal for the growing number of users who see working out of the office as a necessity rather than a privilege. Plus, long battery life makes them perfect for working out and about, while a fast wake-up time to helps make the most of every moment.

Providing the power to improve the way you work, together with vastly improved graphics, the HP Premium family also allows for advanced collaboration. Bringing people together like never before, while making your business more agile and responsive.



## 7<sup>th</sup> Gen Intel<sup>®</sup> Core<sup>™</sup> i7 vPro<sup>™</sup> processor family

- Get up to 65% faster multitasking than a 5-year-old PC.\*\*
- Long battery life
- Crystal clear sharing of knowledge and data with 30 times improved graphics performance<sup>8, 9</sup>





180° opening hinge  
for convenient sharing<sup>10</sup>



# Reinvent Design

## Exquisite craftsmanship.

## Unquestionably durable.

Technology alone cannot achieve change. True innovation can only come through inspiring the individual by syncing their workplace with their work style. This is why we combine stunning performance with equally stunning design. By bringing function and form together in perfect harmony, we make a notebook that's so much more than simply a work tool. It becomes a part of everyday life.

Yet, beneath this stylishly thin craftsmanship beats a powerhouse. A commercial grade notebook with an all-metal construction. Impossibly thin and unbelievably light, yet at the same time engineered to last. With 82% of ITDM's feeling that the technology employees carry is a reflection of their company<sup>10</sup>, stylish design that has the power to perform becomes more and more important as our work goes out of the office and into the world around us.



**73%**

of workers are satisfied with their home technology while 51% are satisfied with their work technology (EMEA)<sup>11</sup>



The freedom to take work anywhere brings its own challenges. Which is why, the HP Premium series has been tested for the worst, so it's always at its best.

## MIL-STD-810G testing and HP Total Test Process

### Extreme tests for extreme dependability.

Never fear bumps and minor spills. The HP Elite Series passes MIL-STD-810G tests, as well as up to 120,000 hours of the HP Total Test Process, so their beauty comes with exceptional durability.<sup>12, 21</sup>

#### The series of tests includes:

- Movement
- Drop
- Dust
- Environmental (pressure, temperature)

World's brightest business notebook display<sup>12</sup> with up to 700 nits available on the HP Sure View<sup>14</sup> panel (FHD)



Arrive in style with an HP bag or sleeve designed to protect your notebook as well as your reputation.



As the workplace becomes a virtual place, we need clearer more vivid screens to bring it to life. So, we've taken high resolution to new heights.

## UHD/4K Display<sup>13</sup>

### Clear, sharp, vivid display.

Choose a crystal-clear UHD display with four times more pixels than FHD displays for colour critical applications and outstanding visual.



# Designed with all the power you'd expect.

The world's first mini workstation created for design professionals.

Drawing inspiration from customer needs for a dramatically smaller workstation with full performance and reliability, and an iconic design language, the HP Z2 Mini is truly a workstation that's built for the masses and designed for the selective action.



## Style to inspire

Looks stunning, works wonders

The HP ZBook Studio is an intersection of performance and style. The perfect balance of power and mobility, carefully crafted for the way you work, engineered with speed and performance in a small compact design. Outstanding performance anywhere you go.





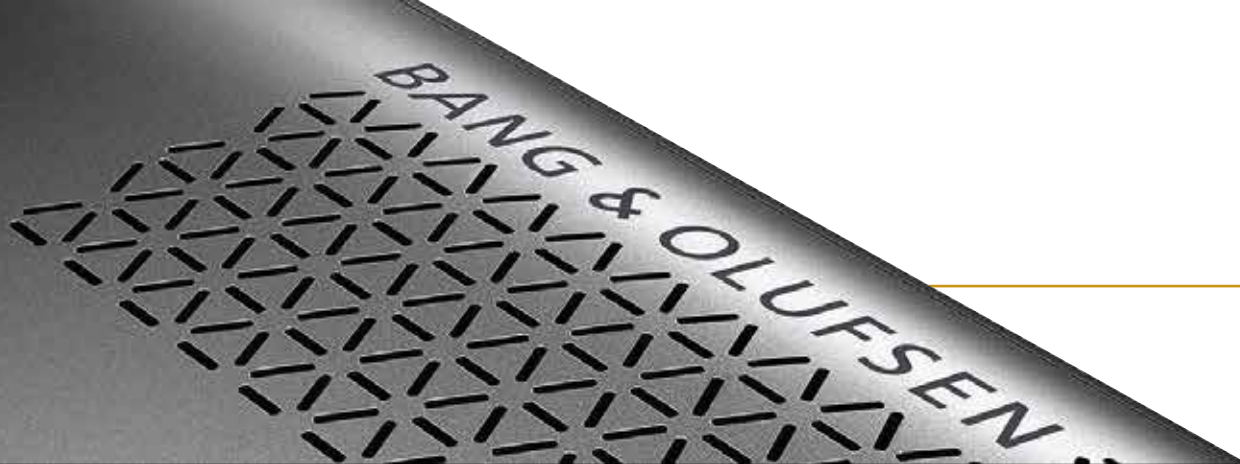
# Reinvent Collaboration Built for business



The HP Premium series allows people to communicate in a natural, intuitive way. It creates a rich ecosystem by going beyond the corporate firewall and bringing everyone together no matter how far apart they may be or how they're interacting with each other.

By giving everyone a voice in this way, a feeling of inclusion is created. At the same time, improved collaboration encourages problems to be solved, ideas to be shared and expertise to be unlocked.





## Premium sound

The most powerful audio versus leading business notebooks.\*\*\*

Up to 6 speakers, 2 discrete amps delivering a wider dynamic range and richer sound.

Make presentations sound impressive and conference calls clear with audio that will fill even the largest meeting space.

## HP Premium speakers with B&O audio

Bold, crisp, accurate audio by Bang & Olufsen. Clearly hear presenters on expertly tuned speakers with Audio by Bang & Olufsen powered up with the HP Clear Sound Amp.



As online calls and videoconferencing become the norm, you can control them with ease using dedicated keys.

## HP Premium Collaboration Keyboard

Premium collaboration. Engage team, clients, and vendors with the high performance HP Premium Collaboration Keyboard that allows you to launch calls and video chats on Skype for Business at the touch of a button.

Advanced communication tools at the touch of a button.

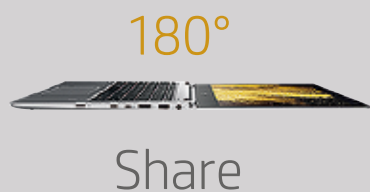
## HP EliteDisplay E273m 27-inch Collaboration Monitor

Connect and collaborate comfortably on the HP EliteDisplay E273m 27-inch Monitor, which is Skype for Business® certified for optimal video and audio and has a 3-sided micro-edge bezel.



## Dedicated conferencing keys Backlit keyboard

Usage models of HP Premium convertibles



Present  
Tent



240°  
Watch



A laptop is the most frequently used device used for meetings and collaboration (60% in-person meetings, 47% virtual meetings).<sup>1</sup>



Exceptionally connected





# Instantly transform your notebook into a fully optimized workspace

with increased productivity, one-step docking connection, and assured compatibility – wherever work takes you.

## HP USB-C Universal Dock

Universal enterprise docking for your fixed or shared workspaces

Get a complete desktop experience with the HP USB-C Universal Dock, which delivers USB-C™ charging and connections for your network, dual 4K displays, and accessories with one cable connection. Use one dock for all of your devices with support for multi-generation HP notebooks and tablets. Connect to the dock through the included USB-C™ cable or the included USB-C™ to USB-A adapter. Dock and charge any non USB-C notebook using the HP 4.5 mm and USB Dock Adapter.



## HP Dock with Thunderbolt

Portable, clutter-free docking for your HP EliteBook

HP Dock with Thunderbolt™ 3 Remarkably powerful and streamlined workspace with expansive device, display, and network connectivity for clutter free docking.

Ports: USB-C, power in, RJ45, VGA, Two DisplayPort 1.2, 3 USB 3.0 ports, 1 powered USB 3.0 port, One Thunderbolt/Power combination cable connector.





The future of video conferencing, now at your desk.

Configurable and flexible, the HP EliteOne 1000 with an Intel® Core™ vPro™ processor is HP's first AiO with an upgradeable PC base and display for flexible re-deployment. Transform your workspace into a rich and safe video conferencing solution with the IR dual-facing pop up removable webcam.



Optional touch display

Optional touch display



Stunning design and powerful features all in one.

The beautifully redesigned HP EliteOne 800 AiO delivers an Elite user experience with an elegant thin design, powerful processors, multi-faceted security, and engaging collaboration capabilities such as the IR dual-facing pop up webcam.







Make the most of your HP Premium device with compatible HP accessories made for collaboration.



Smarter conference rooms.  
Smarter meetings.

Intel® Unite™ powers connected meeting spaces.

With an Intel® Core™ vPro™ processor-based mini PC in the conference room and the Intel® Unite™ application running on clients, meetings get off to a fast start.

In an instant, employees can present wirelessly using new or existing displays, projectors, or interactive whiteboards. Both onsite and remote attendees can easily view and interact with content in real time, and team members anywhere can share screens wirelessly long after the meeting is over.

A clearly good idea.

HP Noise Cancellation Software

Collaborate in style.

As meetings move out of the boardroom it becomes more important to make sure that everyone can be heard no matter where they are and what's going on around them.



Meetings start faster with Intel® Unite™ solution, which cuts technology setup time from minutes to seconds.

## HP Elite Slice

The soul of a powerful PC inside a beautiful modular body, HP Elite Slice with the Intel® Core™ vPro™ processor is like no desktop you've ever seen. Configure this PC into a communication hub for collaboration<sup>20</sup>, a multimedia player<sup>\*\*\*\*</sup> or a wireless charging station<sup>20</sup> to adapt to your business needs.



Make meetings smooth with an integrated conferencing solution designed for the office of the future. Simple, secure, and easily managed, it combines one-touch controls, Skype for Business™<sup>17</sup> and Intel® Unite™ wireless sharing with the power of a PC.



# Reinvent security Secure the future

Security is the number one concern for any businesses. And rightly so, with the risk of a device becoming infected increasing at an average rate of 40% each year.<sup>7</sup> It's safe to say that the need for better security has never been greater. Especially as more and more employees connect away from the office, information is shared on the go and IT systems take to the cloud.

With enterprise-level security as standard, every HP Premium notebook, powered by an Intel® Core™ vPro™ processor, helps safeguard the device, its data and its user's identity as never before. To help keep your employees and your business safe.

One notebook, one user.  
Thankfully, increasing security  
doesn't mean complicating it.  
In fact, quite the opposite.

## HP Client Security

Safeguard data and devices. Whether working in or out of the office, enterprise-class multifactor authentication, a fingerprint reader, SmartCard reader and TPM can help you protect your data, identity, and PC from unauthorized use.<sup>22</sup>



**IR Camera**  
IR technology used to identify you in a variety of lighting conditions and help prevent spoofing.

**Biometric Security**  
is faster and more secure.

**Fingerprint sensor**

**Hardened Fingerprint Sensor**  
Fingerprint match performed on sensor hardware.  
Fingerprint data is encrypted by sensor hardware using keys unique to the sensor.

**310,000**  
About 310,000 samples of new malware appeared every day in 2015 – up 55% from 2012<sup>7</sup>



## Intel® Authenticate

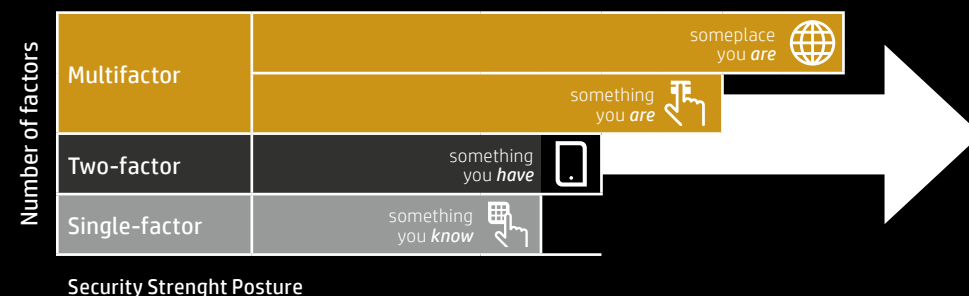
Intel® Authenticate is a hardware-enhanced, multi-factor authentication solution. It protects the endpoint by hardening security outside of the operating system to reduce the risk of data breaches. Authentication factors, IT security policies, and authentication decisions are all encrypted in the hardware. User credentials managed by Intel Authenticate are protected in the hardware and are never exposed to the software.

Intel® Authenticate Solution verifies a user's identity for domain and network access login by using any combination of multiple hardened factors at the same time, in an IT customizable manner, including:

- Protected PIN: enables the user to create a hardware generated Personal Identification Number (PIN) as an authentication factor, which is protected against software based screen scraping or key logging.
- Fingerprinting (Protected & Soft): Protected Fingerprint is not exposed to the operating system, making it a challenge for attackers to steal the user's finger print data.
- Bluetooth Proximity (Android\*\*\*\* & iOS\*\*\*\*): enables the user their smartphone as an authentication factor. This also allows Walk away lock feature.
- AMT Location (Intel® Core™ vPro™ only devices): This factor utilizes Intel® Active Management Technology (AMT) to determine if the platform is within the corporate domain (also may be known as 'Geo-fencing' the device).

Learn more at [intel.com/authenticate](https://intel.com/authenticate)

## What is multifactor authentication (MFA)?





Peace of mind comes from knowing everything from the moment you start work to the second you switch off.

## HP Sure Start

**Security, always.** Start with a genuine HP BIOS every time. HP Sure Start monitors in-memory BIOS, recovers the platform without user or admin intervention, restores the BIOS to a custom state, and is enterprise ready for centralized management.<sup>15</sup>



# 67%

of employees  
expose sensitive  
data outside  
the workplace.<sup>16</sup>



With everyone mobile there's more need than ever to be able to safely take control of any device from anywhere.

## HP DaaS – Management with insights

Whether it's deploying new technology or making updates, IT managers have a lot on their plates.

Often, as their bandwidth gets shorter, the amount of downtime grows longer.

HP Device as a Service (DaaS) plans with unique analytics and proactive management capabilities provide a solution to this problem in a premium service experience. Predictive analytics help you boost productivity, while a consolidated dashboard and reporting tools help you track usage and stay on top of updates. Now, you can leave the monitoring and support of your devices in the capable hands of our proactive agents. Their expert assistance and cutting edge technology tools help to proactively anticipate problems and fix them before they even occur – freeing up your IT manager to focus on other more pressing issues.

HP DaaS analytics and proactive management capabilities are available exclusively through DaaS agreements via HP or an Authorized Reseller.

Learn more [hp.com/go/daas](http://hp.com/go/daas)

## HP Work Wise

### SECURITY:

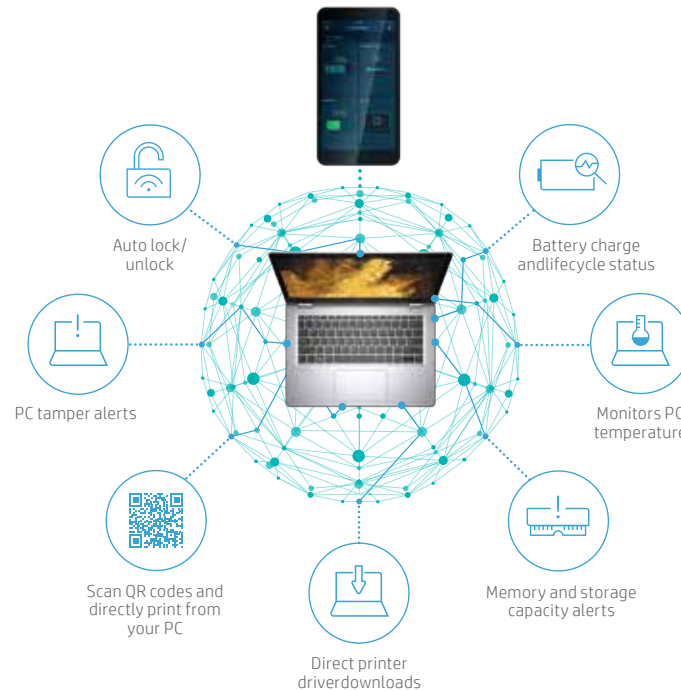
Automatically locks PC when user is away and securely unlocks it when user is back. Detects PC Tamper and sends notifications to user.

### PERFORMANCE:

PC Dashboard with PC Battery charge, PC Temperature, PC Memory use and PC Cycle life status.

### PRINT:

Scan printer QR code, printer driver automatically installed on your PC, print directly from your PC.



## HP Sure Click

### A Revolutionary Browsing Security Solution

HP Sure Click provides hardware-enforced security for web browsers, protecting your PC from websites infected with malware, ransomware or viruses.



81%

say web-borne malware can be undetectable<sup>18</sup>



## HP Sure Click

Each web browser tab is opened automatically in a Micro Virtual Machine (Micro VM)

Malware cannot impact any other tab, Application or the OS thanks to the CPU-based isolation

Just close the tab & the malware's gone



When you can work anywhere, anyone can see your screen. And keeping your information private becomes a priority.

## HP Sure View<sup>14</sup>

### Security from prying eyes.

When work moves out and about, you never know who is looking over your shoulder. Thanks to our privacy screen, prying eyes won't see anything they shouldn't. In fact, the only person who can see what's on the screen will be the user. Which is exactly the way it should be.

Integrated privacy screen blocks prying eyes with the press of a button.

# Meet the Family



## HP EliteBook 800 G4 series

High performance in a thin and light design!



- Powered by 7<sup>th</sup> generation Intel® Core™ processors
- Aluminum & Magnesium Chassis
- HP Global Series
- Optional HP Sure View, world's only built-in privacy filters<sup>19</sup>
- Optional HP Sure View, world's only integrated privacy screen (only 840)<sup>19</sup>



## HP EliteBook 1040 G4

World's most powerful ultra slim 14" business notebook.\*\*\*\*\*



- 7<sup>th</sup> generation Intel® Core™ processors up to Core i7 Quad Core
- Powerful multitasking, on-the-go collaboration, and industry-leading security
- 180° angle, 4k or FHD ultra bright display up to 700 nits
- 6 speakers & 2 discrete amp
- Optional HP Sure View, world's only integrated privacy screen<sup>19</sup>



## HP EliteBook Folio G1

HP's thinnest and lightest business class notebook.



- Powered by 6<sup>th</sup> generation Intel® Core™ processors
- Aluminum Chassis with Diamond cut design
- Less than 1 kg
- 180° hinge movement
- HP Premium Collaboration keyboard



## HP EliteBook x360 1030 G2

World's thinnest 13" business convertible.\*\*\*\*\*



- Powered by 7<sup>th</sup> generation Intel® Core™ processors
- 360° of iconic Elite design with 5 modes: notebook, tablet, tent, conference and stand
- Flexible, integrated collaboration
- Outstanding security & manageability
- Optional HP Sure View, world's only integrated privacy screen<sup>19</sup>





## HP EliteBook x360 1020 G2

World's thinnest and lightest business convertible.\*\*\*\*\*

- 7<sup>th</sup> generation Intel® Core™ processors
- 360 degrees flexibility with 5 usage modes
- 4k or FHD ultra bright display up to 700 nits
- Crisp clear communication with 5 speakers & discrete amp
- Optional HP Sure View, world's only integrated privacy screen<sup>19</sup>



## HP ZBook Studio G4

Create anytime, anywhere, without limits.

- 7<sup>th</sup> generation Intel® Core™ and Xeon® processors
- NVIDIA® Quadro® M1200 with 4 GB dedicated GDDR5 memory
- CNC machined out of premium lightweight aluminum
- Ultra-thin 18 mm design
- Passes MIL-STD-810G testing



## HP Elite x2 1012 G2

Detached.  
Yet never more connected.

- 7<sup>th</sup> Generation Intel® Core™ processors
- Blend of PC power and unbound portability
- Simultaneous pen and touch with palm rejection
- Beautiful, serviceable, and with enterprise-class durability, security and support



## HP Pro x2 612 G2

Versatility. Security. Durability.

- 7<sup>th</sup> Generation Intel® Core™ processors
- Field ready: long battery life and fanless design, passed military standard test
- Removable back cover for fast and easy upgrades to serviceable components
- Strong security with a built-in smart card reader and optional fingerprint reader



## HP EliteOne 1000 AiO

The future of video conferencing, now at your desk.



- Modular All-in-One with unique and stunning design
- 3 sizes of displays: 23.8", 27" or 34" curved display.
- 7<sup>th</sup> Gen Intel® Core™, 65W processors, optional vPro
- Toolless serviceability
- HP Manageability Integration Kit
- Optional in cell Touch available on the 23.8
- HP SureStart Gen 3
- IR pop up camera
- Certified Skype for Business



## HP EliteOne 800 G3

Top performance with commercial values.



- Iconic design, micro edge bezel
- 23.8" non-touch or touch with in cell touch technology for glossy free screen and fingerprint resistance
- 7<sup>th</sup> Generation Intel Core 65W processors, Optane
- optional IR pop up camera, HP Sure Start Gen 3, HP Workwise
- Certified Skype for Business



## HP Elite Slice & HP Elite Slice for Meeting Room

Reimagine the desktop experience.



- Stunning compact modular design
- Intel Unite (HP Elite Slice for Meeting Room only)
- Intel 6<sup>th</sup> and 7<sup>th</sup> generation up to Core i7 and Intel vPro
- Optional integrated finger print reader
- Audio by Bang & Olufsen



## HP Z2 Mini

HP's smallest, full-performance workstation.



- Up to Intel® Xeon® E3-1245v6 CPU performance
- Unique design and branding
- Professional applications certifications
- Up to 6x display output
- 368,000 hours of reliability testing



Product		HP EliteBook 820, 840, 850 G4	HP EliteBook 1040 G4	HP EliteBook x360 1030 G2	HP EliteBook x360 1020 G2
Processors	Available processors	Intel® Core™ i7-7600U Intel® Core™ i7-7500U Intel® Core™ i5-7300U Intel® Core™ i5-7200U	Intel® Core™ i7-7820HQ Intel® Core™ i7-7600U Intel® Core™ i7-7500U Intel® Core™ i5-7300U Intel® Core™ i5-7200U	Intel® Core™ i7-7600U Intel® Core™ i5-7300U Intel® Core™ i5-7200U	Intel® Core™ i7-7600U Intel® Core™ i7-7500U Intel® Core™ i5-7300U Intel® Core™ i5-7200U
	Available operating systems	Windows 10 Pro <sup>23</sup> Windows 10 Home FreeDOS 2.0	Windows 10 Pro <sup>23</sup> Windows 10 Home FreeDOS 2.0	Windows 10 Pro <sup>23</sup> Windows 10 Home	Windows 10 Pro <sup>23</sup> Windows 10 Home
Hardware	Available graphics	Intel® HD Graphics 620 Optional discrete graphics (850 only)	Up to Intel® HD Graphics 630	Intel® HD Graphics 620	Intel® HD Graphics 620
	Internal storage(up to)	500 HB HDD 128 GB SATA-3 Value SSD 512 GB PCIe NVMe TLC SSD 512 GB PCIe NVMe MLC SSD 256 GB SATA-3 TLC SSD 128 GB SATA-3 Value SSD 512 GB PCIe NVMe TLC SSD 512 GB PCIe NVMe MLC SSD 256 GB SATA-3 TLC SSD	up to 1 TB PCIe Gen3x4 NVMe TLC SSD up to 512 GB PCIe Gen3x4 NVMe TLC SSD up to 512 GB SATA TLC SSD up to 256 GB SATA TLC SSD up to 128 GB SATA SSD	128 GB M.2 SSD 256 GB up to 512 GB M.2 SATA TLC SSD 256 GB up to 512 GB M.2 PCIe NVMe TLC SSD 360 GB M.2 PCIe NVMe SSD 1 TB SATA SSD	up to 1 TB PCIe Gen3x4 NVMe TLC SSD up to 512 GB PCIe Gen3x4 NVMe TLC SSD up to 512 GB SATA TLC SSD up to 360 GB PCIe Gen3x4 TLC SSD up to 256 GB SATA TLC SSD up to 128 GB SATA SSD
	Memory	Up to 32 GB DDR4	Up to 16 GB DDR4	Up to 16 GB DDR4	Up to 16 GB DDR3
	Available ports	1 USB 3.1 Gen 1 Charging Port 1 USB 3.1 Gen 1 Port 1 USB-C™ port 1 DisplayPort™ 1.2 1 VGA 1 RJ-45/Ethernet 1 Docking connector 1 Headphone/Microphone Combo 1 AC Port	2 USB 3.1 Gen1 (1 charging) 2 USB 3.1 Type-C™ 1 HDMI 1.4 1 headphone/microphone combo	1 USB Type-C™ with Thunderbolt™ 2 USB 3.1 Gen 1 1 HDMI 1.4 1 external micro SIM 1 AC power 1 Headphone/microphone combo jack Micro-SD Card Reader	2 USB 3.1 Type-C™ with Thunderbolt support 1 HDMI 1.4 1 headphone/microphone combo
Design	Dimensions	Starting at 31 × 21.89 × 1.89 cm	32.89 × 23.28 × 1.59 cm	31.69 × 21.85 × 1.49 cm	29 × 20.38 × 1.39 cm
	Weight	Starting at 1.26 kg	Starting at 1.42 kg	Starting at 1.28 kg	Starting at 1.13 kg
	Battery life****	Up to 14h 15min	Up to 18h	Up to 16h 30min	Up to 15h 30min
	Hinge movement	135-155° standard	180°	360°	360°
	Display size	12.5", 14", 15"	14"	13.3"	12.5"
	Display resolution	HD, FHD, QHD (840 only), 4K UHD (850 only)	4K UHD	4K UHD	4K UHD
	Touch display	Optional	Optional	✓	✓
	Connectivity	WiFi, Bluetooth®, optional 4G/LTE	WiFi, Bluetooth®, optional 4G/LTE	WiFi, Bluetooth®, optional 4G/LTE	WiFi, Bluetooth®
Collaboration	HP Collaboration keyboard		✓	✓	✓
	HP Noise Reduction software	✓	✓	✓	✓
	Webcam	Optional 720p HD	720p HD	720p HD	720p HD
Security	HP Sure Start	✓	✓	✓	✓
	HP Sure View	✓	✓	✓	✓
	HP Work Wise	✓	✓	✓	✓
	HP Multi-Factor Authenticate (w. Intel Authenticate)	✓	✓	✓	✓
	Finger print sensor	✓	✓	✓	✓
	HP Managed services	✓	✓	✓	✓
Accessories	HP Ultralim dock (side docking)	✓			
	HP Elite Thunderbolt 3 dock		90 W	90 W	90 W
	HP USB-C Travel hub		✓	✓	✓
	HP Universal dock	Port replication only	✓	✓	✓
	HP Notebook Power bank	✓		✓	
	HP USB-C Power bank			✓	✓



Product		HP EliteBook Folio G1	HP Elite x2 1012 G2	HP Pro x2 612 G2	HP ZBook Studio G4
Processors	Available processors	Intel® Core™ M7-6Y75 vPro Intel® Core™ M5-6Y57 vPro Intel® Core™ M5-6Y54 Intel® Core™ M3-6Y30	Intel® Core™ i7-7600U Intel® Core™ i5-7300U Intel® Core™ i5-7200U Intel® Core™ i3-7100U	Intel® Core™ i7-7Y75 Intel® Core™ i5-7Y54 Intel® Core™ M3-7Y30 Intel® Pentium® 4410Y	7 <sup>th</sup> Generation Intel® Xeon® E3-1535M v6 7 <sup>th</sup> Generation Intel® Xeon® E3-1505M v6 7 <sup>th</sup> Generation Intel® Core™ i7-7820HQ 7 <sup>th</sup> Generation Intel® Core™ i7-7700HQ 7 <sup>th</sup> Generation Intel® Core™ i5-7440HQ 7 <sup>th</sup> Generation Intel® Core™ i5-7300HQ
Hardware	Available operating systems	Windows 10 Pro <sup>23</sup> Windows 10 Home	Windows 10 Pro <sup>23</sup> Windows 10 Home	Windows 10 Pro <sup>23</sup> Windows 10 Home	Windows 10 Pro <sup>23</sup> Windows 10 Pro for Workstations Windows 7 Professional (available through downgrade rights from Windows 10 Pro and Windows 10 Pro for workstations) <sup>24</sup> Windows 10 Home FreeDOS 2.0
	Available graphics	Intel® HD Graphics 515	Intel® HD Graphics 620	Intel® HD Graphics 615	Up to NVIDIA Quadro M1200 with 4GB Dedicated GDDR5 Memory
	Internal storage(up to)	512 GB SATA-3 SSD 256 GB PCIe NVMe SSD	up to 128 GB SATA SSD up to 256 GB SATA TLC SSD up to 1 TB PCIe NVMe TLC SSD	up to 128 GB SATA SSD up to 256 GB SATA TLC SSD up to 512 GB PCIe NVMe TLC SSD up to 512 GB PCIe Gen3x4 TLC SSD up to 512 GB SATA FIPS TLC SSD	up to 128 GB SATA SSD up to 512 GB SATA SED SSD up to 256 GB NVMe PCIe TLC SSD up to 512 GB NVMe PCIe TLC SED SSD up to 1 TB NVMe PCIe MLC SSD
	Memory	Up to 8 GB DDR3	Up to 16 GB DDR3	Up to 8 GB DDR3	Up to 32 GB DDR4
Design	Dimensions	29.2 × 20.9 × 1.24 cm	30 × 21.97 × 0.91 cm (tablet) 30 × 21.97 × 1.46 cm (tablet with keyboard)	30 × 21.38 × 0.91 cm (tablet) 30 × 21.93 × 1.46 cm (tablet with travel keyboard)	375 × 255 × 18 mm
	Weight	Starting at less than 1 kg	Starting at 0.8 kg (tablet)	Starting at 0.85 kg (tablet)	Starting at 2.09 kg
	Battery life****	Up to 11h 30min	Up to 10h	Up to 11h	Up to 16h 47min
	Hinge movement	180°	Detachable 2-in-1	Detachable 2-in-1	135-155° standard
	Display size	13.3"	12.3"	12"	15.6"
	Display quality	FHD, 4K UHD	QHD	FHD	FHD, 4K UHD
	Touch display	Optional	Yes	Yes	Optional
	Available ports	1 USB Type-C™ with Thunderbolt™ Headphone/Microphone combo jack Power connector	1 USB 3.1 Type-C™ with Thunderbolt support (docking, charging and data transfer) 1 USB 3.0 1 micro SD 1 SIM 1 headphone/microphone combo	1 USB 3.1 Type-C™ (docking, charging and data transfer) 1 USB 3.0 1 micro SD 1 SIM 1 headphone/microphone combo	1 RJ-45 1 USB 3.0 1 USB 3.0 (charging) 1 power connector 2 USB Type-C™ (Thunderbolt™ 3, DisplayPort™ 1.2, USB 3.1) 1 HDMI 1.4 1 USB 3.0 1 stereo microphone-in/headphone-out combo
Collaboration	Connectivity	WiFi, Bluetooth®	WiFi, Bluetooth®, optional 4G/LTE	WiFi, Bluetooth®, optional 4G/LTE	WLAN
	HP Collaboration keyboard	✓	✓	✓	
	HP Noise Reduction software	✓	✓	✓	✓
Security	Webcam	Optional 720p HD	1080p FHD, 5 MP Front/8 MP Rear camera	1080p FHD, 5 MP Front/8 MP Rear camera	Optional 720p HD
	HP Sure Start	✓	✓	✓	✓
	HP Sure View		✓	✓	
	HP Work Wise		✓	✓	✓
	HP Multi-Factor Authenticate (w. Intel Authenticate)	✓	✓	✓	✓
	Finger print sensor		✓	✓	✓
Accessories	HP Managed services	✓	✓	✓	✓
	HP Ultralim dock (side docking)				
	HP Elite Thunderbolt 3 dock	65 W, 90 W	65 W, 90 W		150W, 200W
	HP USB-C Travel hub	✓	✓	✓	✓
	HP Universal dock	✓	✓	✓	✓
	HP Notebook Power bank				
	HP USB-C Power bank	✓	✓	✓	

Product		HP EliteOne 1000 G1	HP EliteOne 800 G3	HP Elite Slice	HP Z2 Mini
Processors	Available processors	Intel Core™ i7, i5, i3 options****	Intel® Core™ i7, i5, i3 options****	Intel® Core™ i7, i5, i3 options****	Up to Intel® Xeon® E3-1245****
Hardware	Available operating systems	Windows 10 Pro <sup>23</sup> Windows 7 Professional (available through downgrade rights from Windows 10 Pro) <sup>24</sup> Windows 10 Home <sup>23</sup> FreeDOS 2.0	Windows 10 Pro <sup>23</sup> Windows 7 Professional (available through downgrade rights from Windows 10 Pro) <sup>24</sup> Windows 10 Home <sup>23</sup> FreeDOS 2.0	Windows 10 Pro <sup>23</sup> Windows 10 Home <sup>23</sup> FreeDOS 2.0	Windows 10 Pro <sup>23</sup> Windows 10 Pro for Workstations Windows 7 Professional (available through downgrade rights from Windows 10 Pro and Windows 10 for workstations) <sup>24</sup> HP Linux®-ready
	Available graphics	Up to Intel® HD Graphics 630	Up to Intel® HD Graphics 630 AMD Radeon™ RX 460 2GB	Intel® HD Graphics 530	Up to NVidia Quadro M620 2GB
	Internal storage	up to 2 TB SATA up to 2 TB SATA SSHD up to 512 GB SATA SED up to 512 GB SATA SED SED Opal 2/FIPS SSD up to 1 TB PCIe NVMe SSD	up to 1 TB SATA up to 1 TB SATA SSHD up to 512 GB SATA SED up to 1 TB HP Turbo Drive G2 TLC SSD (PCIe) up to 256 GB SATA SSD	up to 512 GB NVMe up to 512 GB TLC NVMe up to 512 GB SATA TLC SSD up to 256 GB SATA SSD up to 512 GB SATA SED SSD up to 512 GB SATA TLC SED SSD up to 500 GB SATA SSHD up to 2 TB SATA up to 1 TB PCIe NVMe SSD	up to 1 TB SATA up to 512 GB PCIe SSD up to 256 GB PCIe TLC SSD up to 1 TB PCIe MLC SSD
	Memory	Up to 32 GB DDR4	Up to 32 GB DDR4	Up to 32 GB DDR4	Up to 32 GB DDR4
Design	Dimensions	53.95 × 3.3 × 32.49 cm	53.96 × 5.38 × 34.18 cm	16.5 × 3.5 × 16.5 cm	216 × 216 × 58 mm
	Weight	4.17 kg	6.03 kg	1.05 kg	Starting at 2.04 kg
	Display size	23.8" FHD Touch/Non Touch 27" 4K UHD Non Touch 34" Curved WQHD Non Touch	23.8" non-touch/in cell touch		
	Display quality	All-in-One, up to 4K UHD	All-in-One, FHD		
	Touch display	Optional	Optional		
	Available ports	Rear: 4 USB 3.1 Gen 1; 1 HDMI-out; 1 RJ-45; 1 Display Port™ 1.2-in; 1 DisplayPort™ 1.2-out Side: 1 USB 3.1 Type-C™; 1 USB 3.1 Type-C™ (fastcharging); 1 headphone	Back: 1 Dual-mode DisplayPort™; 1 HDMI; 4 USB 3.1 Type-A; 1 power connector; 1 RJ-45; 1 audio line out; 1 audio line in; 1 security lock slot Left Side: 1 headphone connector; 1 universal audio jack with CTIA headset support; 1 optical drive (optional) Right side: 1 headphone connector Bottom: 2 USB 3.1 Type-A; 1 SD 4 card reader (optional); 1 USB 3.1 Type-C™	External: 1 USB 3.1 Type-C™ (charging); 1 USB 3.1 Type-C™ (alternate mode DP); 2 USB 3.1 Type-A (1 charging); 1 DisplayPort™; 1 HDMI; 1 RJ-45; 1 headphone-out/microphone-in combo Internal: HP Slice Connector (USB C data rates)	Side: 2 USB 3.0 (1 charging); 1 line in Back: 2 USB 3.0; 2 USB 3.1 Gen 1 Type-C™; 1 audio line in
	Connectivity	WLAN, Bluetooth®	WLAN, Bluetooth®	WLAN, Bluetooth®	WiFi, Bluetooth®
Collaboration	Intel Unite 3.0	✓		Optional	
	HP Noise Reduction software	✓	✓	✓	
	Webcam	Dual-facing Pop-up 1080p	Dual-facing Pop-up 1080p		
Security	HP Sure Start	✓	✓	✓	✓
	HP Work Wise	✓	✓		
	HP Multi-Factor Authenticate (w. Intel Authenticate)	✓	✓		
	Finger print reader	✓	✓	✓	
	IR Camera	✓	✓		
Accessories	HP Collaboration keyboard	✓	NO	✓	
	Dedicated ecosystem	HP EliteOne 1000 23.8" Touch or Non Touch display, 27" Non Touch display or 34" curved Non Touch display	Recline stand, Height adjustable stand, Mounting Arm	HP audio module, HP DVD-RW module, VESA security module, HP collaboration top cover, HP wireless charging cover	Arm/Wall VESA Mount Solution, HP Z TurboDrive G2 256 GB MLC, HP Wireless Premium Keyboard

\*\*\*\*for more information visit [www.hp.com](http://www.hp.com)



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\* As measured by Windows 10® EEMBC Browsing Bench Component Average Power.

\*\* 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).

\*\*\* Based on HP internal testing among leading competitors based on volume sales of business notebooks >USD \$999 with preinstalled encryption, authentication, malware protection and BIOS-level protection, passing MIL-STD 810G tests with optional docking incorporating power delivery; most powerful audio based on 5 speakers, 2 discrete smart amps, 80dB sound, and 300 bass roll-off, as of July 2017.

\*\*\*\* Based on competitors as of December 1, 2016 with >1m units annually of convertible, non-detachables.

\*\*\*\*\* Based on business convertibles, with Windows Pro OS as of September 1, 2017.

\*\*\*\*\* Based on competitors as of January 4, 2017 with >1m units annually of convertible, non-detachables having a Windows Pro OS and 6th or 7th generation U series Intel® Core™ vPro™ processors.

1. HP, Proprietary Quant Research with End-users, 2015. 2. C Space Primary Proprietary Research with online communities, 2015 (60% in person meetings, 47% virtual meetings). 3. Euromonitor International from Intl. Labour Organisation (ILO)/Eurostat/national statistics, Millennials in the workforce, 2014. 4. Wainhouse Research, The Collaborative Enterprise, 2015. 5. IDC, US Commercial Device Survey: PCs, Doc #US41101516, March 2016. 6. IDC, PCaaS Threatens to Shake Up the PC Deployment Game: U.S. Commercial PC Survey, Doc #US4104961, March 2016. 7. Kaspersky Lab, Annual Kaspersky Security Bulletin, 2014. 8. C Space Primary Proprietary Research with online communities, 2015. 9. HP, Proprietary Research with WW End Users, 2015. 10. HP Commercial Premium Research 2015. 11. Forrester Research Inc, Global Telecommunications & Mobility Survey, 2015. 12. MIL-STD-810G testing is not intended to demonstrate fitness for U.S. Department of Defense contract requirements or for military use. Test results are not a guarantee of future performance under these test conditions. Damage under the MIL-STD test conditions or any accidental damage requires an optional HP Accidental Damage Protection Care Pack. 13. HD content required to view HD images, UHD content required to view UHD images. 14. 700 nit panel is optional, requires HP Sure View and must be configured at purchase. 15. HP BIOSphere features may vary depending on the PC platform & configuration. 16. Thomson Herbert H, PhD. "Visual Data Breach Risk Assessment Study." 2010. People Consulting Services. 17. Skype for business sold separately. 18. Non-touch models. 19. Based on currently available, in-market PCs, as of August 1, 2016 having physically embedded, hardware-based privacy screens. Available on select HP EliteBooks only. 20. All modules and covers sold separately or as an optional feature. Covers require factory configuration and cannot be used with other Slice covers. 21. Sure Start Gen3 is available on HP EliteBook products equipped with Intel® 7th generation processors. 22. HP Total Test Process results are not a guarantee of future performance under such conditions. Any accidental damage requires an optional HP Accidental Damage Protection Care Pack. 23. Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.windows.com>. 24. This system is preinstalled with Windows 7 Professional software and also comes with a license and media for Windows 10 Pro software. You may only use one version of the Windows software at a time. Switching between versions will require you to uninstall one version and install the other version. You must back up all data (files, photos, etc.) before uninstalling and installing operating systems to avoid loss of your data.