

Der Arbeitsplatz im Wandel

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HP Innovation

Security

Manageability

Collaboration

Reliability



Security Requirements

The background features a dark blue and black color scheme. On the left, there is a large, semi-transparent fingerprint. In the center, a target icon is overlaid with a list of numbers: 1234, 567, 89, and 10. To the right, a world map is rendered in a grid of small squares. At the bottom right, a red rectangular box with rounded corners contains the text 'HACKING DETECTED' in white, bold, sans-serif font. Below this box, there are lines of binary code (0s and 1s) in a light blue color.

Business

- Want to ensure that information is protected at all times

Users

- Want simple ways to log in and secure information

IT Managers

- Want a common standard to all company
- Want to ensure that security is strong and company information is not compromised

Redefining Security

Securing all steps

Authentication

What I know...



What I have...



Who I am...



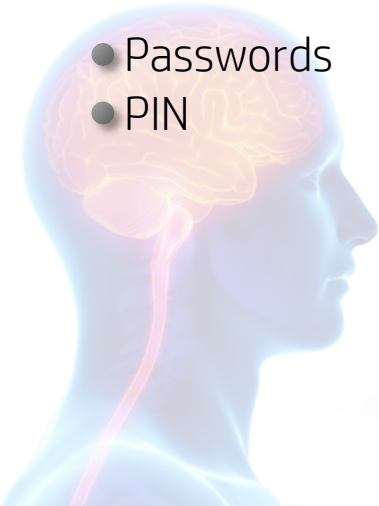
Redefining Security

Securing all steps

Authentication

What I know...

- Passwords
- PIN



What I have...

- Smart Cards
- NFC Tokens
- **HP Workwise**



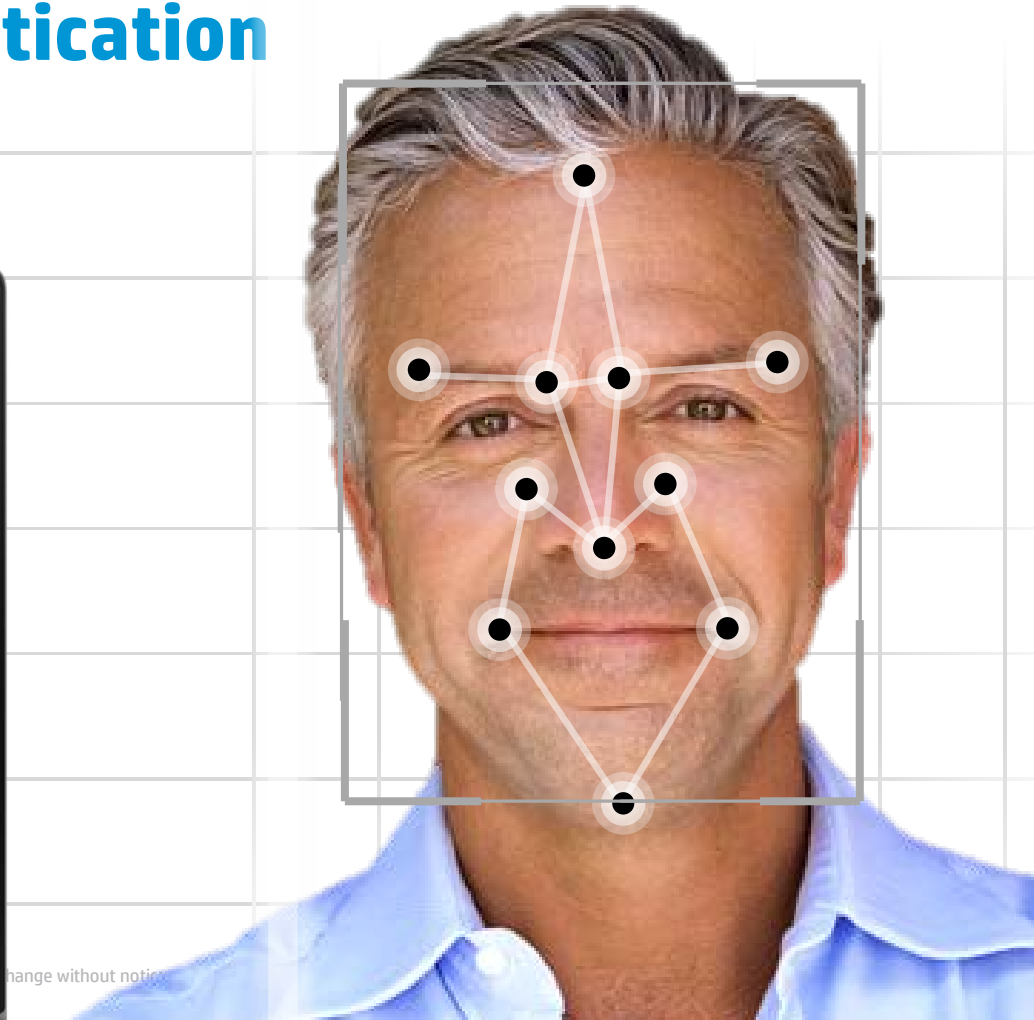
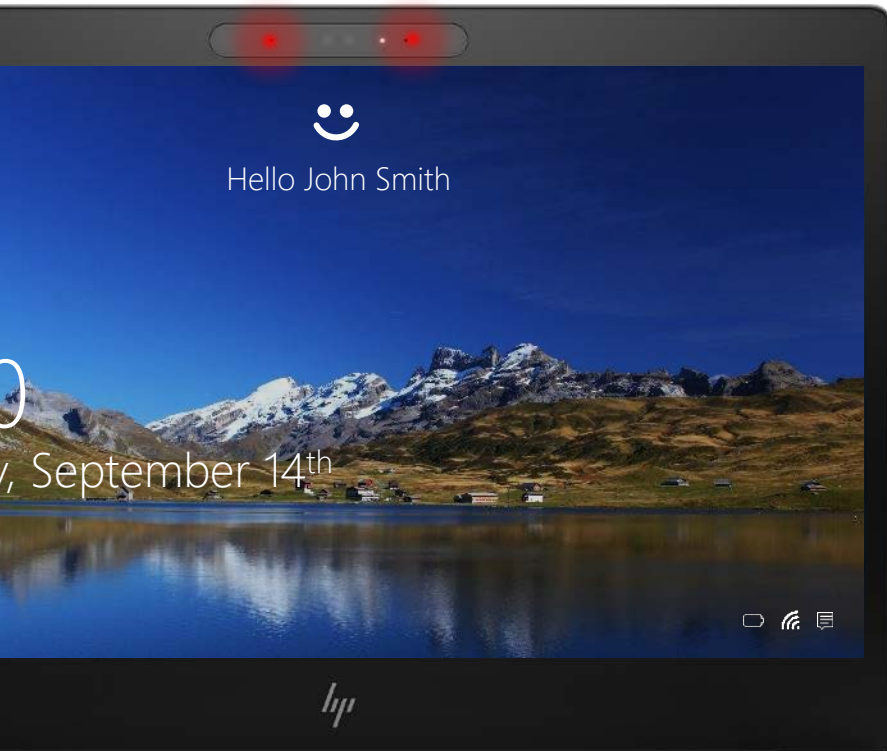
Who I am...

- Fingerprint
- **Face recognition**



Face recognition authentication

Simple log in



Face recognition authentication

Simple log in

- **Simple authentication**, no need to memorize long secure passwords
- False authentication rate (FAR) estimated to be **below 0.0001%**
- Face Recognition can be **combined** with other methods (eg: passwords, PIN, SmartCards) **making it even more secure**



Redefining Security

Securing all steps

Authentication

Ensure that only the right user can log in and access the device

- Passwords
- SmartCard
- **HP Workwise**
- NFC Token
- Fingerprint
- **Face Recognition**

Data Protection

Ensure that Data in the device is always protected, even when device is lost or stolen

- **HP Sure Start**
- **HP Sure Run**
- **HP Drive Lock**
- **HP Sure Recovery**
- Device Access Manager
- **Computrace**
- **HP Secure Erase**



HP Sure Start

End to end protection

Pre boot BIOS Protection

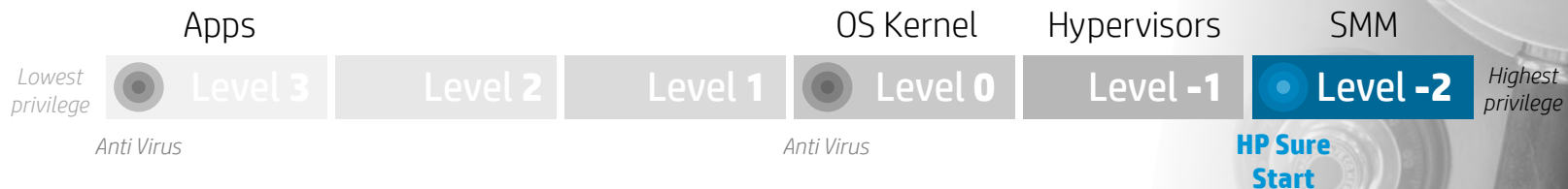
- Before the OS load starts, it verifies the integrity of the BIOS
- If BIOS is corrupted, last known good BIOS (HP Signed) is restored

Real Time BIOS Protection

- Monitors the BIOS. If tampering is detected, BIOS is restored from a known safe copy.
- Protects and restores BIOS setup variables, policies, and data.

SMM Memory Protection

- Monitors SMM in RAM. If tampering is detected, it will restore the BIOS from a known safe copy.



HP Sure Run

Ensuring that defenses are protecting your company

Current risks

HP Sure Run

- Hackers try to target their attacks to take control of the end user device
- Once they have control, they disable the main defenses to have freedom on what to do
- HP Sure Run checks proactively all the defense mechanisms status
- If a defense is de-activated, HP Sure Run will activate them as per company policy



Anti-Virus



Firewall



Drive Encryption



Windows Defender

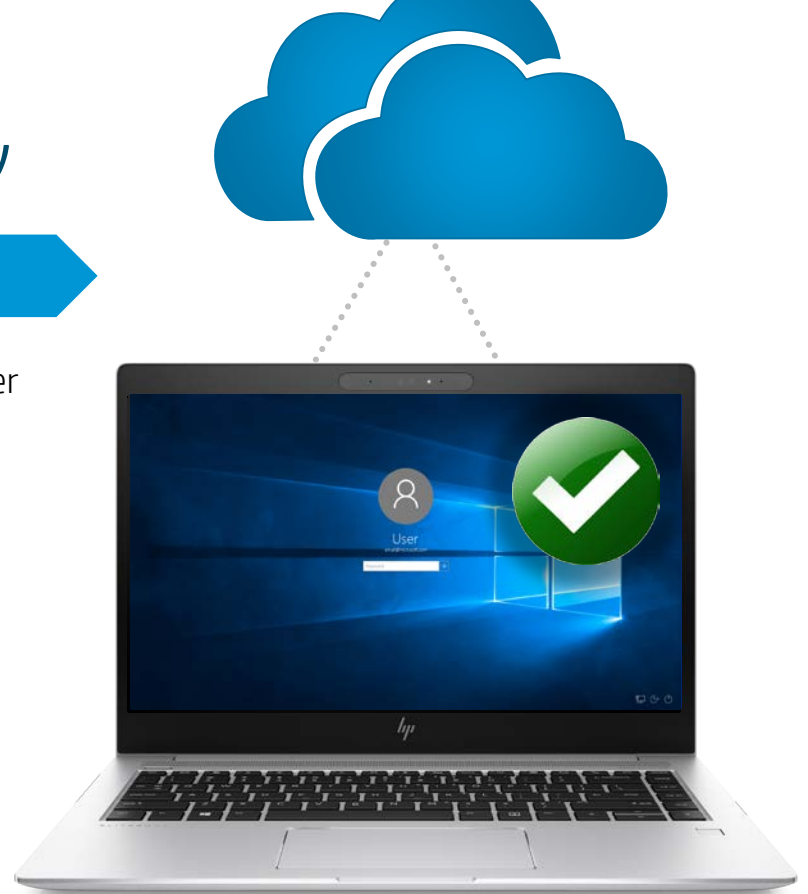


HP Sure Recovery

Files and programs for authorized use only

Keep systems safe and users productive

- Over time, devices get pieces of malware, spyware and other virus/trojans that slow down the device and keep information at risk
- HP Sure Recovery allows users or IT to reimage completely the device, with the company image from the company's cloud, directly from the BIOS of the device
- Users remain productive, company standards are in place

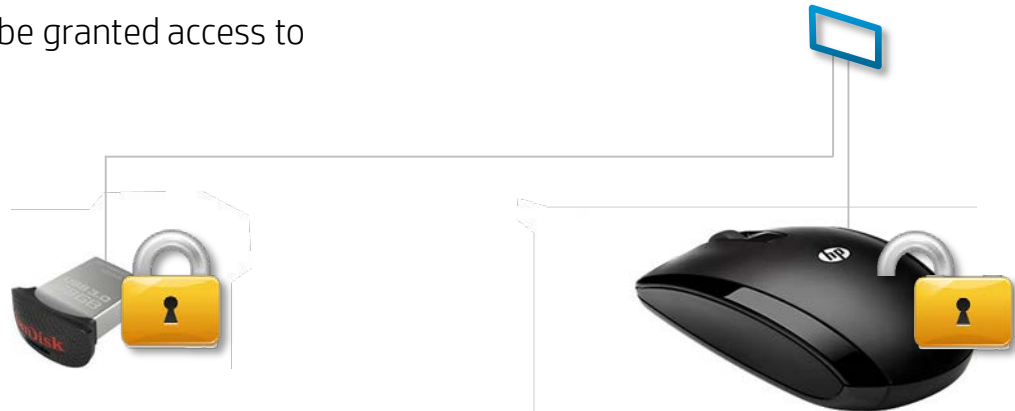


HP Device Access Manager

Files and programs for authorized use only

Port Control

- Control who can add and extract data, documents, files, and programs by **limiting access to drives and ports**
- Allow access for a limited time, specific file transfer, and other permissions. After the access expires, anyone who logs on to the computer will need to be granted access to ports and drives again



Computrace

Tracking, Locking, Wiping

Device Tracking

- Persistent BIOS agent that communicates IP and GPS location, when device connects to the network
- If device is stolen, device can be tracked, locked or wiped, no matter if the device is...

Available via HP Carepack

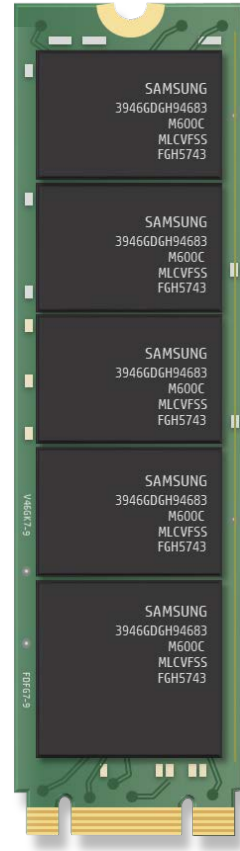


HP Secure Erase

Efficient Data Sanitization

What happens to data when device is disposed?

- When devices need to be disposed, it is key to make sure that **no information leaves the company**
- **HP Secure Erase**, is built-in in all HP BIOS, **allows to security wipe completely a HDD or SSD**
- HP Secure Erase meets the **NIST SP800-88 Rev 1 Standard**
- It is included in the BIOS of all devices and it is **absolutely free (no additional cost)**
- Wipe/Deletion certificate can be issue via a Log file that it is generated by HP Secure Erase (*service available via Carepack*)



Redefining Security

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Data Protection

Ensure that Data in the device is always protected, even when device is lost or stolen

- **HP Sure Start**
- **HP Sure Run**
- **HP Drive Lock**
- **HP Sure Recovery**
- Device Access Manager
- **Computrace**
- **HP Secure Erase**

User Privacy

Ensure that only the right user can see the information on the screen

- **HP Sure View**
- **HP Privacy Camera**

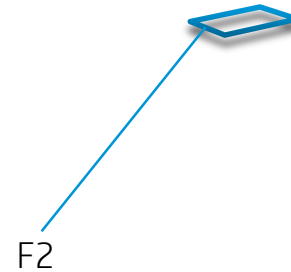
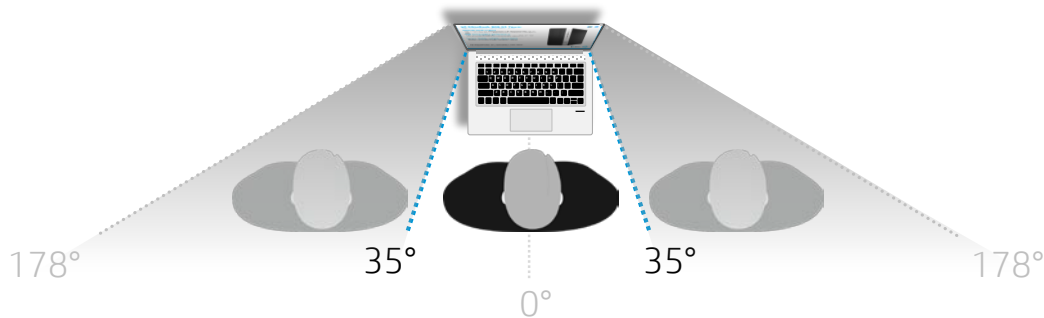


HP Sure View

Screen protection from prying eyes

Protecting Information on the screen

- Cristal clear view IPS panel up to 700 nits brightness with 178 ° viewing angle
- At a touch of a button (F2), reduces viewing angle from 178° to 35°, preventing people next to the user to see the information on the screen

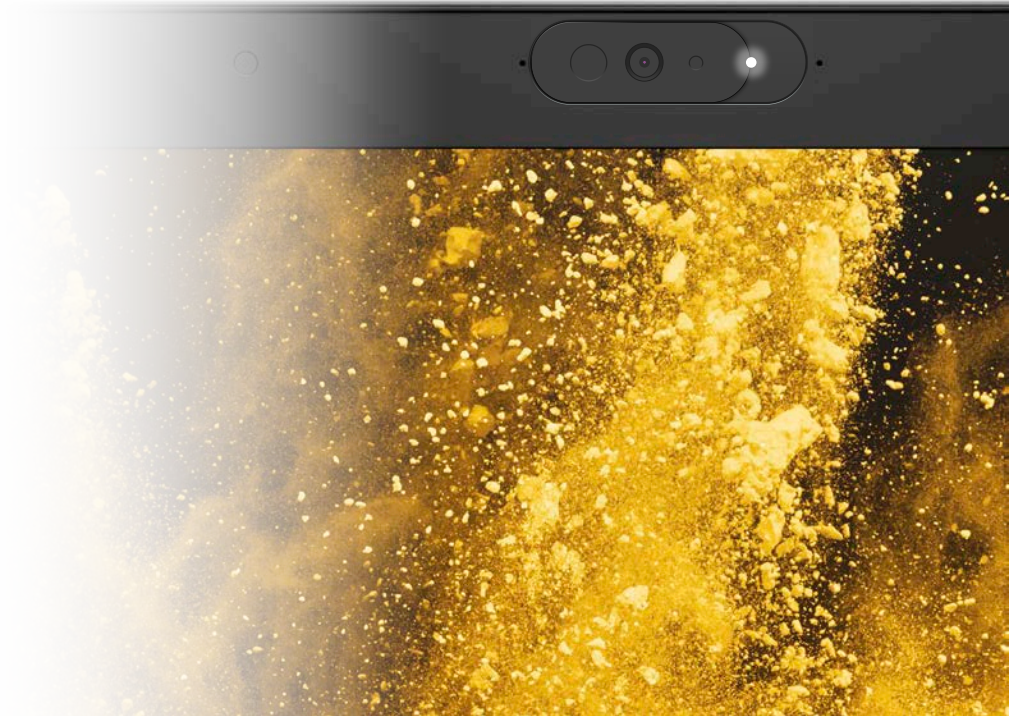


HP Privacy Camera

Screen protection from preying eyes

Protecting your Privacy

- Mechanical shutter that is held magnetically to the screen bezel
- For a video conferencing, the user can slide the shutter to the right, uncovering the webcam
- Once the video conference is done, user can slide the shutter to the left, hiding the webcam and eliminating the fear or concern that someone might have hacked the webcam
- No more unpleasant stickers



Redefining Security

Securing all steps

Authentication

Ensure that only the right user can log in and access the device

- Passwords
- SmartCard
- **HP Workwise**
- NFC Token
- Fingerprint
- **Face Recognition**

Data Protection

Ensure that Data in the device is always protected, even when device is lost or stolen

- SED Drives
- Device Access Manager
- Drive Lock
- HP Sure Start
- **HP Secure Erase**
- Computrace

User Privacy

Ensure that only the right user can see the information on the screen

- **HP Sure View**

Safe Browsing

Ensure that no matter what sites are accessed, device and network remains safe

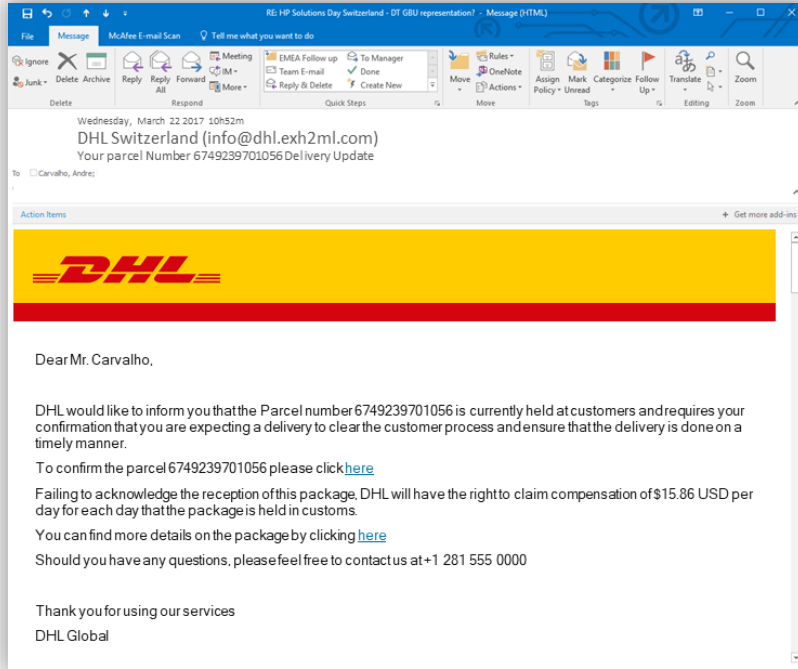
- **HP Sure Click**



HP Sure Click

Enabling safe Internet usage

Is this email real?



81%

of users cannot tell.

This means that companies like yours can be at risk...now



HP Sure Click

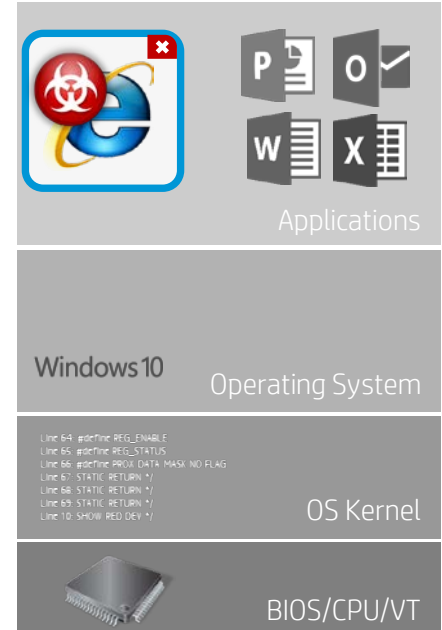
Enabling safe Internet usage

Security Issue

- 81% of users cannot tell the difference between an authentic e-mail from a attack email
- Security of an organization is left to its users decision to click in unsafe links
- Once a unsafe link is clicked, attack moves from browser to...
 - ...Operating System
 - ...To OS Kernel
 - ...To BIOS/VT

HP Sure Click

- Opens a Hardware Contained Virtual Machine session in the browser, isolated from the complete system
- Even in the presence of threats, everything is contained in the session
- Once the browser session is closed, threat disappears
- Protecting from malicious PDF, Office files
- Support for IE, Edge, Chrome



Redefining Security

Securing all steps

Authentication

Ensure that only the right users can log on to the system

1

- Password
- SmartCard
- HP Workwiz
- NFC
- Fingerprint
- Face Recognition

Data Protection

Ensure that Data in the device stays protected when the device is lost or stolen

2

- Storage Encryption
- Device Access Manager
- Drive Lock
- HP Data Protection
- Confidentiality

User Privacy

Ensure that only the right users can access the information

3

- HP Workwiz
- HP Data Protection
- Confidentiality

Safe Browsing

Ensure that no matter what you do, you are safe

4

- HP Workwiz
- HP Data Protection
- Confidentiality

End to end protection

to keep your company **safe**



Manageability





IT managers life is becoming quite challenging with Windows 10 deployments and all Microsoft Releases, making it extremely difficult to freeze and control images

HP Manageability Integration Kit

HP can provide a key support to IT Managers via Manageability Integration Kit – the world's first and only management toolkit certified for Microsoft SCCM

HP is the only vendor in the market that can centrally manage security features and BIOS



Manageability via SCCM

Microsoft SCCM

Software for managing large groups of computers

Remote Control

Software Distribution

Patch Management

Hardware and Software Inventory

Network Access Protection

Operating System Deployment

HP BIOS Management

OS Image Development

HP Security Management

Image Creation

- Set BIOS Configuration (BCU)
- Create HP Client Boot Image
- Create Deployment Task Sequences
- Download/Import HP Driver Packs

Security Management

- [Authentication Options](#)
- Credential Management
- Port control Management
- [Multifactor Authentication](#)
- Just In Time Authentication
- TPM Management
- HP Sure Start Policies
- Proximity Lock (Tamper Detection)
- HP Sure View (Privacy Panel)
- [HP Sure Run](#)
- [HP Sure Restore](#)

BIOS Management

- Set and report BIOS settings
- Graphical UI for 100+ BIOS settings
 - UEFI vs Legacy
 - Boot Order
 - BIOS Version Lock
 - Enable/Disable Virtualization Support

Platform Optimization

- Printer installation
- Network optimization QOS
 - [Peak Power Scheduling](#)
 - [Collaboration Keyboard Mapping](#)
 - [Audio Settings Management](#)
 - [PhoneWise PIN Management](#)
 - [System & App Network Optimization](#)



HP Image Assistant

Improving quality and security of customer's images

HP Image Assistant

Benefits

- Customers are spending days to find drivers
- OS does not identify the missing drivers, only shows icon notification of missing driver
- Target IT Admins responsible for building system images (images include OS, driver, software).
- Analyze health and security of image
- Help in image development, maintenance and troubleshooting phases
- Auto install updates or missing components
- Reduced image qualification time and rework
- Repeatable and reliable OS deployment process
- Recommended policies and software implementation
- Quick access to Product change notification and customer advisories

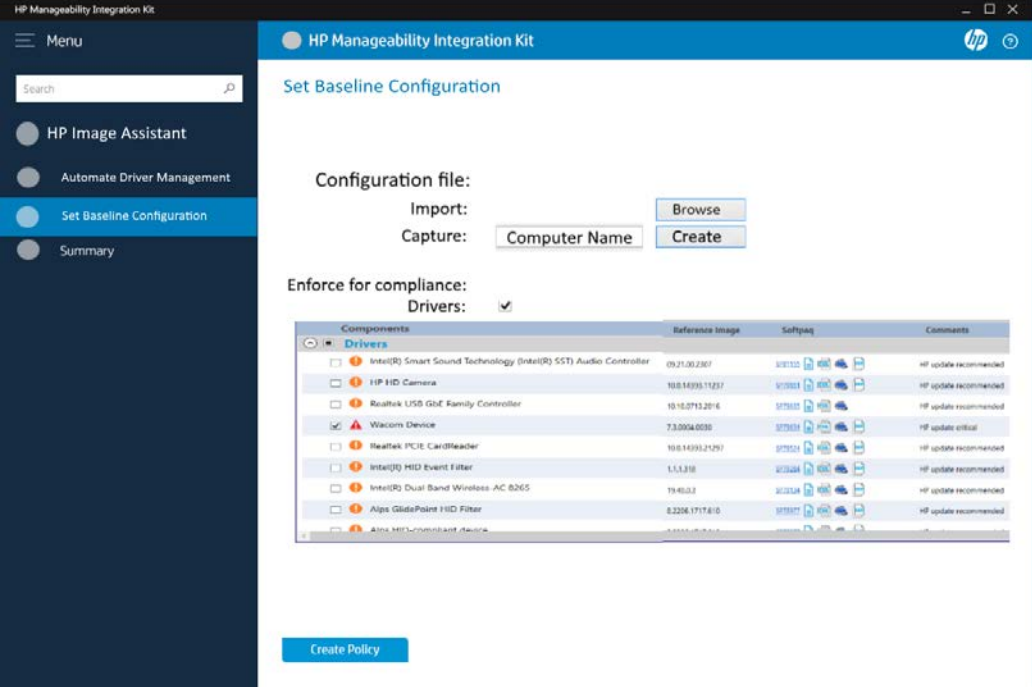
HPIA does not create an image or offer the features these tools have, HPIA does supplement and speed up the image creation process by delivering quick access to the components that make up an image.



HP Manageability Integration Kit

HP Image Assistant Integration

- Following the usage of HP Image Assistant, IT manager can export the Image information
- All drivers, BIOS and firmware updated will be displayed in HP MIK
- IT Manager can then define which driver, software of firmware that will be part of the standard image
- IT Manager can enforce deployment to upgrade/downgrade drivers, software and firmware



HP Manageability Integration Kit

Set Baseline Configuration

Configuration file:

Import:

Capture:

Enforce for compliance:

Drivers:

Components	Reference Image	Software	Comments
<input type="checkbox"/> Intel(R) Smart Sound Technology (Intel(R) SST) Audio Controller	09.21.00.2307	3/1/132	HP update recommended
<input type="checkbox"/> HP HID Camera	105.54393.11217	3/1/132	HP update recommended
<input type="checkbox"/> Realtek USB GbE Family Controller	10.10.2713.2016	3/1/132	HP update recommended
<input checked="" type="checkbox"/> Wacom Device	7.3.0004.0030	3/1/132	HP update critical
<input type="checkbox"/> Realtek PCIe CardReader	105.54393.21297	3/1/132	HP update recommended
<input type="checkbox"/> Intel(R) HID Event Filter	1.1.1.3.0	3/1/132	HP update recommended
<input type="checkbox"/> Intel(R) Dual Band Wireless AC 8265	19.40.0.1	3/1/132	HP update recommended
<input type="checkbox"/> Alps GlidePoint HID Filter	8.2206.17174.0	3/1/132	HP update recommended
<input type="checkbox"/> Alps HID Touchpad Device	1.1.1.1.1.1	3/1/132	HP update recommended



Collaboration

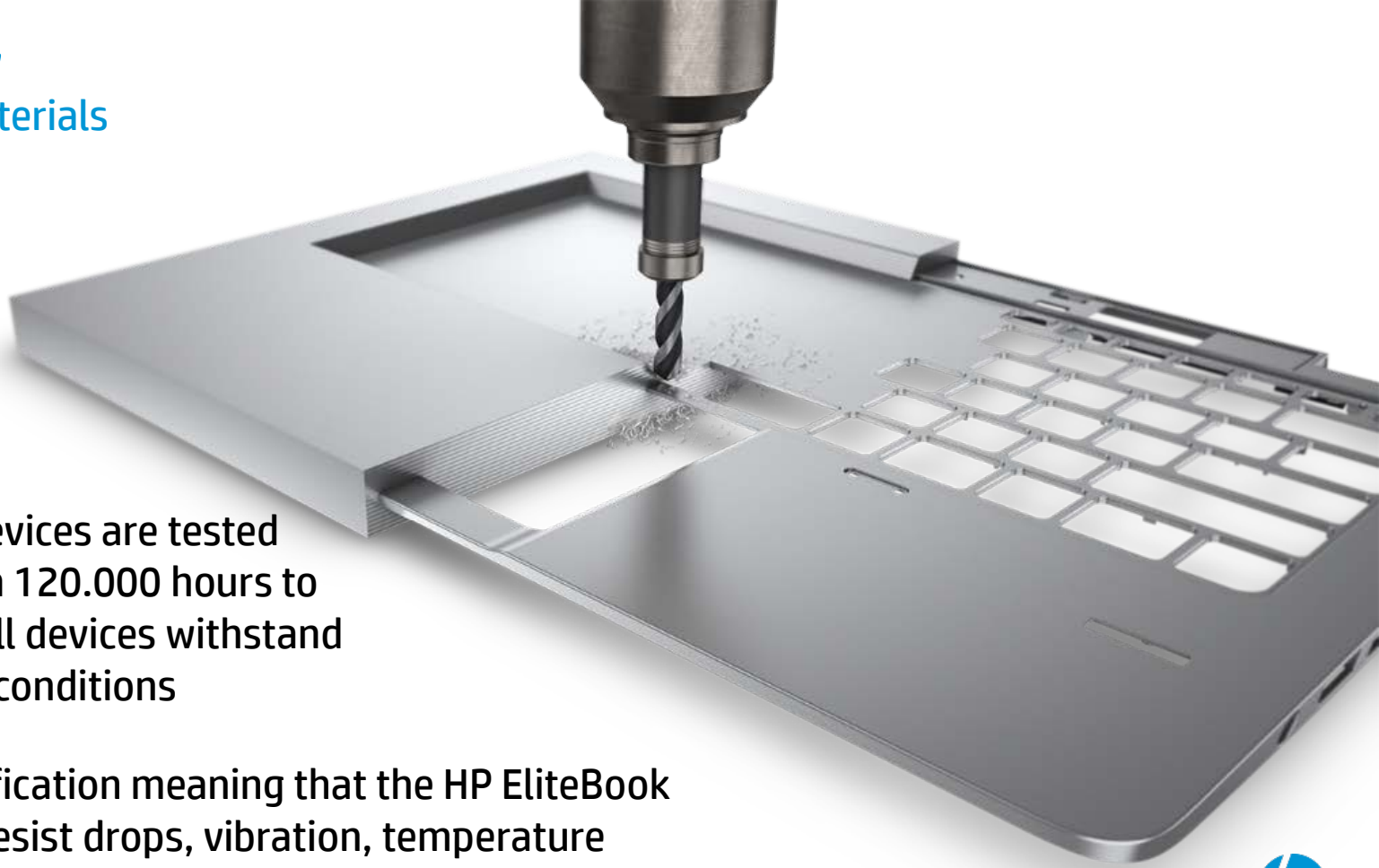
Best experience to collaborate with customers and colleagues

- 
- **Audio by Bang and Olufsen** for clear sound and optimal conferencing call experience, now with Up Firing Speakers
 - **HP Audio Boots** and **Dual array noise canceling microphone** for sharper and clear calls, including 3rd world facing microphone
 - **Dedicated conference keys** for easy access and call simplification
 - **Discrete Amp** for higher sound quality



Reliability

Performance Materials



- All HP Elite devices are tested for more than 120.000 hours to ensure that all devices withstand the harshest conditions
- MilSpec Certification meaning that the HP EliteBook x360 would resist drops, vibration, temperature shock, dust, humidity, up to 12 different tests

Choosing the right device

Mobile Devices



2 in 1

Ideal for users...

That need the smallest, lightest and thinnest device possible with no performance tradeoff



Convertible

Ideal for users...

That require a multi-functional device, lightweight and support for several usage modes



Notebook

Ideal for users...

That need a mobile device, optimized for content creation and with multiple connectivity options



EliteBook x360 1020 G2

World's thinnest and lightest Business Convertible

- **Intel 7th Gen Core i5/i7 processors**
- x360, Aluminum, MilSpec, 1Kg
- **12.5" 4k display, OLED, optional Touch**
- Thunderbolt, IR Camera, TPM, NFC, FPR
- Bang and Olufsen Speakers, Speakerphone Certified





EliteBook x360 1030 G2

The only device that you will ever want



- Convertible design
- Thin and Light (1.28 Kg)
- MilSpec reliability
- Best in class security technologies



EliteBook x360 1030 G3

Perfect convertible, no compromises



- Anti-Glare screen
- Thin and Light (1.28 Kg)
- Best in class security technologies
- High performance 8th gen Quad Core CPUs



HP EliteBook x360 1030 G3

Main changes – screen technology



The new HP EliteBook x360 1030 G3, features a 13.3” **Anti-Glare panel**, with option for **Anti-Glare Sure View with 700 nits**

Available in both FHD and 4k UHD resolutions

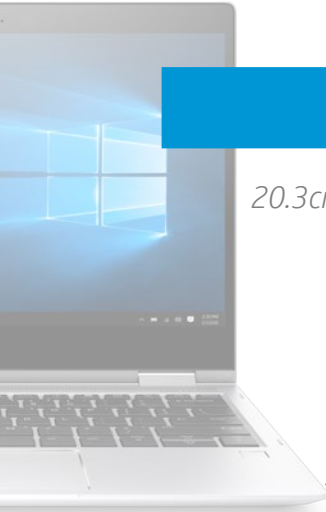


HP EliteBook x360 1030 G3

Main changes – form factor

1020 G2

29cm



20.3cm

1.39cm

1.13 Kg

HP EliteBook x360 1030 G3

30.5cm



20.5cm

1.58cm

1.28 Kg

1030 G2

31.7cm



21.8cm

1.49cm

1.28 Kg

Fitting a 13.3" screen in a 12.5" chassis, **anti-glare touch panel with optional HP Sure View**



HP EliteBook x360 1030 G2

Business Ready Convertible

Versatile. Convertible 360° design, can be used as a Notebook or a Tablet. **14.9mm** and just **1.28Kg** in a 13.3" 4K UHD or FHD IPS Display, WACOM Digitizer

High performance thanks to **Intel 8th Gen QuadCore** processors, optional vPro support, **up to 32GB RAM**, high performance PCIe SSDs, Thunderbolt

Perfect collaboration with up firing Bang & Olufsen speakers, 3rd noise cancelling microphone technology, **4G LTE Connectivity**, Dedicated collaboration keys and Skype certified.

Extremely reliable Unibody Aluminum construction for MilSpec certification. **Extremely secure** with integrated IR Camera for Windows Hello Authentication, NFC, SmartCard, HP Sure View, Sure Click, Sure Run, TPM 2.0.



Recommended for customers who need

A Notebook and a Tablet in 1 single device, with high performance, extended connectivity and best in class security



HP EliteBook x360 1030 G3

Specs



13.3" FHD (300 nits) or UHD panel (500 nits), optional FHD Sure View (700 nits), high precision WACOM Digitizer

Intel 8th Generation Quad Core processors Core i7 or Core i5, optional vPro

Choice between 8GB, 16GB and 32GB DDR4 RAM

HP Long Life Battery with Fast Charge Technology, up to 15 hours battery run time

PCIexpress or SATA SSDs, up to 1TB capacity

WLAN AC + Bluetooth, 4G CAT 9 LTE connectivity

USB-C Thunderbolt, USB-A 3.1, HDMI, Audio in/out

Up firing Premium speakers by Bang and Olufsen



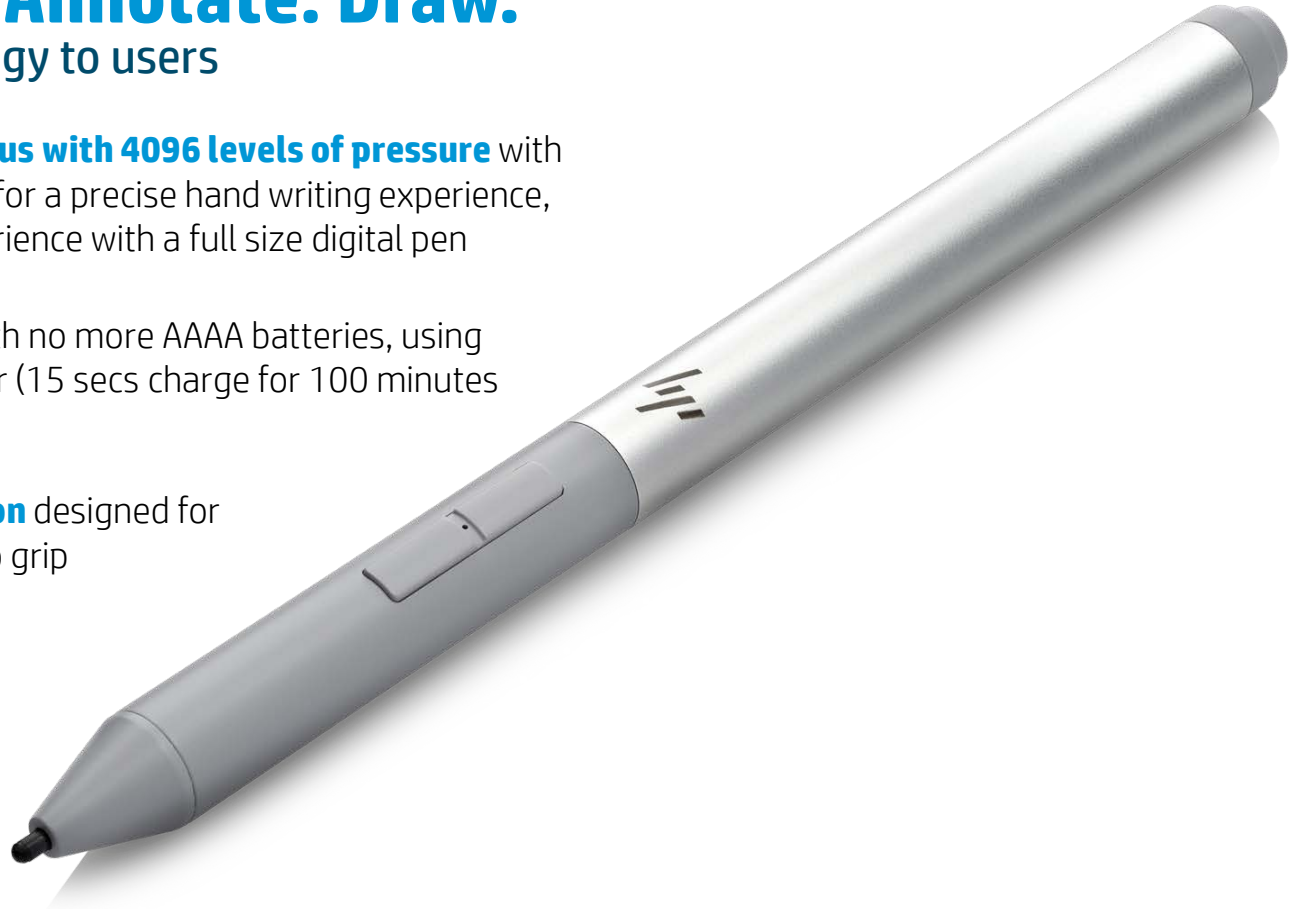
Handwrite. Annotate. Draw.

Adjusting technology to users

WACOM AES Active stylus with 4096 levels of pressure with enhanced tilt detection, for a precise hand writing experience, outstanding inking experience with a full size digital pen

USB-C rechargeable with no more AAAA batteries, using the notebook AC adapter (15 secs charge for 100 minutes of usage)

Bluetooth launch button designed for perfect comfort, non slip grip



HP EliteBook x360 1030 G2

The most secure convertible in the market

Integrated **Infrared Camera** for Windows 10 Hello face recognition

HP Sure Click for safe and secure browsing. No more malware concerns.

HP Sure View, an Integrated Electronic Privacy Filter to keep information safe, with 700 nits brightness

Integrated **Fingerprint Sensor** to improve security with biometric authentication

HP Sure Run, HP Sure Recovery, HP Secure Erase, HP Sure Start gen4, HP end point security

Integrated **TPM 2.0** to support encryption solutions, **NFC**



Reliability

Best in class durability to ensure lowest user downtime

Corning Gorilla Glass 4 to ensure the highest reliability and resistance to accidents

All HP Elite devices are tested for more than **120.000 hours Internal Test Process** to ensure that all devices withstand the harshest conditions

MilSpec Certification meaning that the HP EliteBook x360 would resist drops, vibration, temperature shock, dust, humidity, up to 12 different tests

Aluminum Chassis in a unibody construction for increase durability



Collaboration

Best experience to collaborate with customers and colleagues



- **Audio by Bang and Olufsen** for clear sound and optimal conferencing call Experience, 80 dB, discrete amp
- **3rd world facing microphone with noise canceling technology** for sharper and clear calls
- **Dedicated conference keys** for easy access and call simplification



Workplace Solution

Based on USB-C Thunderbolt docking station

Recommended solution for customers that would like to keep existing displays but want to move to a future proof docking solution

HP recommends always 2 display solutions for increasing user productivity.

The HP EliteBook 1030 G3 supports up to 3 x 4k displays





EliteBook 1040 G4

The world's most powerful Ultralim 14" Notebook

- 180° degree opening
- High performance
- Aluminum chassis
- Thunderbolt



HP EliteBook 1040 G4

Specs



14.0" FHD (700 nits) or UHD panel (400 nits), optional FHD Sure View, Optional Touch

Dual and QuadCore Intel 7th Generation processors
Core i7 or Core i5, optional vPro

Choice between 8GB and 16GB DDR4 RAM

HP Long Life Battery with Fast Charge Technology, up to 15 hours battery run time

PCIexpress SSDs, up to 1TB capacity

WLAN a/b/g/n/AC + Bluetooth, 4G LTE connectivity

2 x USB-C Thunderbolt, 2 x USB-A 3.1, HDMI, Audio in/out

Premium speakers by Bang and Olufsen



EliteBook 1050 G1

As powerful as your ideas

- 8th Gen Intel Core i7/i5 H Six Core processors
- 15.6" 4K UHD and FHD 1920x1280, up to 650 nits
- High performance nVidia GTX 1050 graphics
- Optional HP Sure View, TPM 2.0, IR Camera, FPS
- USB-C Thunderbolt compatible
- Full Aluminum, MilSpec
- Powerful sound with 4 speakers and 2 discrete amps with 77dB and 400 bass performance



Recommended for customers who need

A very powerful notebook to address both professional and personal needs of every user. Stunning ultra-slim 15" performance powerhouse, with a brilliant display, rich audio, and the unmatched security you need for work and play.

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HP EliteBook 1050 G1

As powerful as your ideas

The power you need for your work like with 6 core CPUs and SureView panels to protect your company's secrets

The graphics performance you need for your personal image creation

The high graphics performance you need from a nVidia 1050 GTX for your leisure time with high performance speakers for your multimedia experience

All in a Manageable and Secure device...



HP EliteBook 1050 G1

Specs



15.6" FHD and UHD panel (400 nits), optional FHD Sure View with 650 nits, Narrow Bezel. Ambient Light Sensor optional

Intel 8th Generation SixCore H class processors Core i7 or Core i5, optional vPro

Choice between high performance nVidia 1050 GTX and Intel UHD 630 Graphics

HP Long Life Battery with Fast Charge Technology, up to 16 hours battery run time with 96Whr 8cell battery

Up to 4TB PCI express in a 2TB + 2TB configuration (RAID 0 and 1 possible). Up to 32GB DDR4 RAM

WLAN a/b/g/n/AC + Bluetooth

2x USB-C Thunderbolt, USB-A 3.1, HDMI, Audio in/out, full size SD card

4 Premium speakers by Bang and Olufsen and 2 discrete amps with 77dB performance 400 bass roll off



hp EliteBook 830 G5

Premium Traveler Notebook

- Core i7/i5 Dual and Quad Core processors
- 13.3" panel in a 12.5" chassis
- New Narrow bezel panels, smaller footprint
- TPM 2.0, SmartCard, IR Camera, NFC
- USB-C Thunderbolt and Side dock
- Full Aluminum, MilSpec
- Starting at 1.3Kg



Recommended for customers who need

A very light notebook with full connectivity and long battery life, ideal for highly mobile users

HP EliteBook 830 G5

Panel design



HP EliteBook 820 G3/G4



HP EliteBook 820 G5



hp EliteBook 840 G5

Premium Notebook

- Core i7/i5 Dual and Quad Core processors
- Optional AMD Radeon Polaris Graphics
- 14.0" FHD 400/700 nits, 4K UHD, Optional touch
- New Narrow bezel panels, smaller footprint
- HP Sure View, TPM 2.0, SmartCard, IR Camera, NFC
- USB-C Thunderbolt and Side dock
- Full Aluminum, MilSpec
- Starting at 1.48Kg



Recommended for customers who need

A light yet powerful notebook with full connectivity and long battery life, ideal for mobile users



HP EliteBook 840 G5

Specs



14.0" FHD (400 /700 nits) or UHD panel (400 nits), optional FHD Sure View, Optional Touch, Narrow Bezel. Ambient Light Sensor optional

Intel 8th Generation QuadCore processors Core i7 or Core i5, optional vPro

Choice between Intel UHD 620 Graphics or AMD Polaris 128bit dedicated Graphics

HP Long Life Battery with Fast Charge Technology, up to 15 hours battery run time

PCIexpress or SATA SSDs, up to 1TB. Choice between 8GB, 16GB and 32GB DDR4 RAM

WLAN a/b/g/n/AC + Bluetooth, 4G LTE CAT9 connectivity with eSIM support

USB-C Thunderbolt, USB-A 3.1, HDMI, Audio in/out, Side Docking Connector

Premium speakers by Bang and Olufsen



HP EliteBook 840 G5

The most secure laptop in the market



HP Privacy Camera, a mechanical shutter to hide your webcam to ensure your privacy

HP Sure View, an Integrated Electronic Privacy Filter to keep information safe

HP Secure Erase, HP Sure Start, HP Spare Key, HP Work Wise, HP Security Client

Integrated **Smartcard reader** to support current authentication policies



Integrated **Infrared Camera** for Windows 10 Hello face recognition

HP Sure Click for safe and secure browsing. No more malware concerns.

Integrated **Fingerprint Sensor** to improve security with biometric authentication

Integrated **TPM 2.0** to support encryption solutions, **NFC**, **SED**



HP EliteBook 840 G5

Perfect collaboration tool



Webcam for seamless experience for video conference calls

Dual array Microphone, with noise cancelling for better sound quality

Two up firing **Bang and Olufsen** speakers for better sound experience

HP Audio Boost with 74 dB sound performance



World Facing Microphone for better sound capturing when on a meeting room

7 dedicated **Conference call keys** for better call control (Mute, volume up/down, Microphone off, Call on, Call off, Calendar)

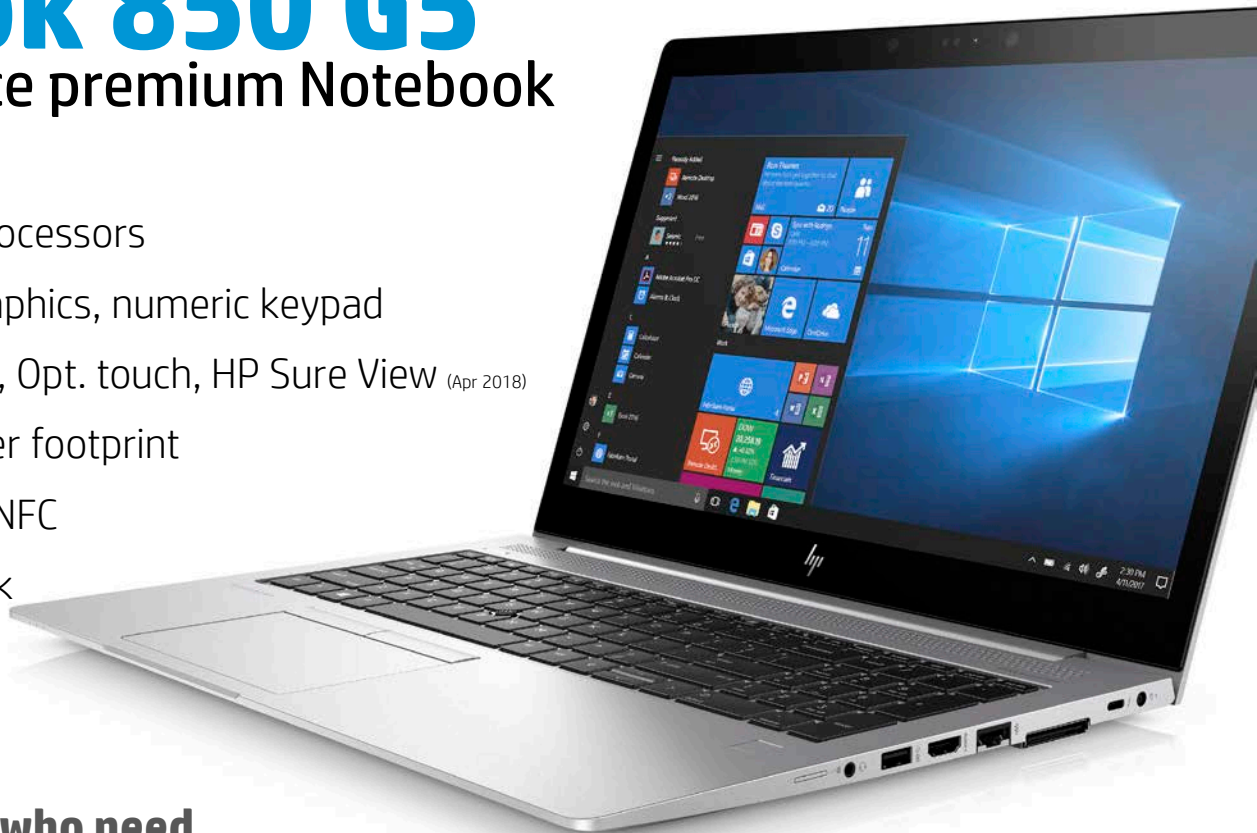




EliteBook 850 G5

High performance premium Notebook

- Core i7/i5 Dual and Quad Core processors
- Optional AMD Radeon Polaris Graphics, numeric keypad
- 15.6" FHD 400/700 nits, 4K UHD, Opt. touch, HP Sure View (Apr 2018)
- New Narrow bezel panels, smaller footprint
- TPM 2.0, SmartCard, IR Camera, NFC
- USB-C Thunderbolt and Side dock
- Full Aluminum, MilSpec
- Starting at 1.8Kg



Recommended for customers who need

A powerful notebook for highly data intensive tasks, ideal for users that require a large screen in a thin notebook.



Clean Workplace solution

Simple, 1 cable, elegant workplace

Connect the HP EliteBook 840 G5 directly to USB-C Displays like the HP z38c for a simple, elegant workplace. **1 Cable handles power, video, data and sound**



HP Premium Wireless Keyboard and Mouse. One Link5 dongle, no more battery exchange



Workplace Solution

Based on USB-C Thunderbolt docking station

Recommended solution for customers that would like to keep existing displays but want to move to a future proof docking solution

HP recommends always 2 display solutions for increasing user productivity.
The HP EliteBook 840 G5 supports up to 3 x 4k displays



HP Premium Wireless Keyboard and Mouse.

One Link5 dongle, no more battery exchange

New **HP Thunderbolt G2 Docking Station** for additional connectivity and support for legacy displays

HP EliteBook 840 G5



Workplace Solution

Based on standard USB-C connectivity

Recommended solution for customers that would like to keep up to 2 existing displays but want to move to a standard docking solution

HP recommends always 2 display solutions for increasing user productivity.
The HP EliteBook 840 G5 supports up to 3 x 4k displays



Workplace Solution

Based on HP's UltraSlim Docking Station

Recommended solution for customers that would like to keep existing HP Ultra Slim Docking Station

HP recommends always 2 display solutions for increasing user productivity. The HP EliteBook 840 G5 supports up to 3 x 4k displays



(up to 4k Display)

(up to 4k Display)

HP Ultra Slim Docking Station
compatibility for additional connectivity and support for legacy displays

HP Premium Wireless Keyboard and Mouse.

One Link5 dongle, no more battery exchange



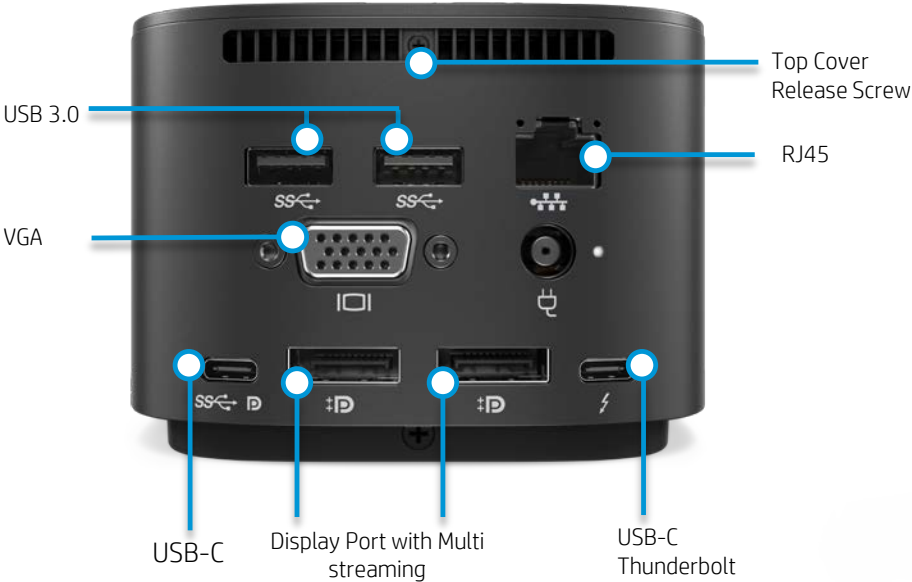
HP EliteBook 840 G5



HP Thunderbolt G2 Docking Station

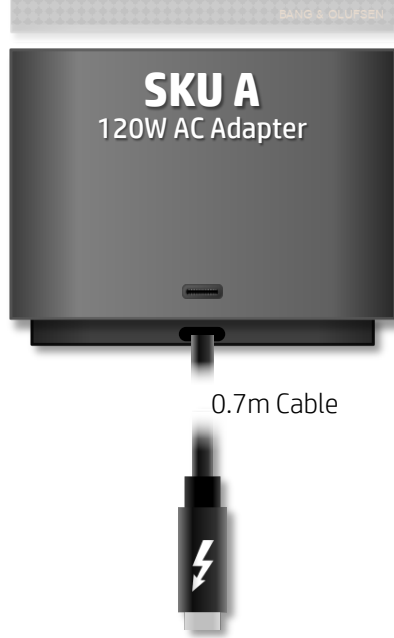
Connectivity

- Supports both USB-C Alt Mode and Thunderbolt



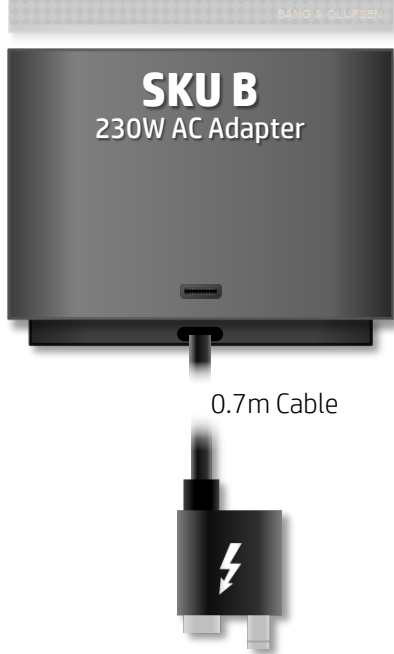
HP Thunderbolt G2 Docking Station (2UK37AA 120W / 2UK38AA 230W)

Cable to device variations



Compatible with all
USB-C and USB-C
Thunderbolt Devices

May 1st 2018 FCS



Compatible with all
USB-C Thunderbolt
Workstations

May 1st 2018 FCS



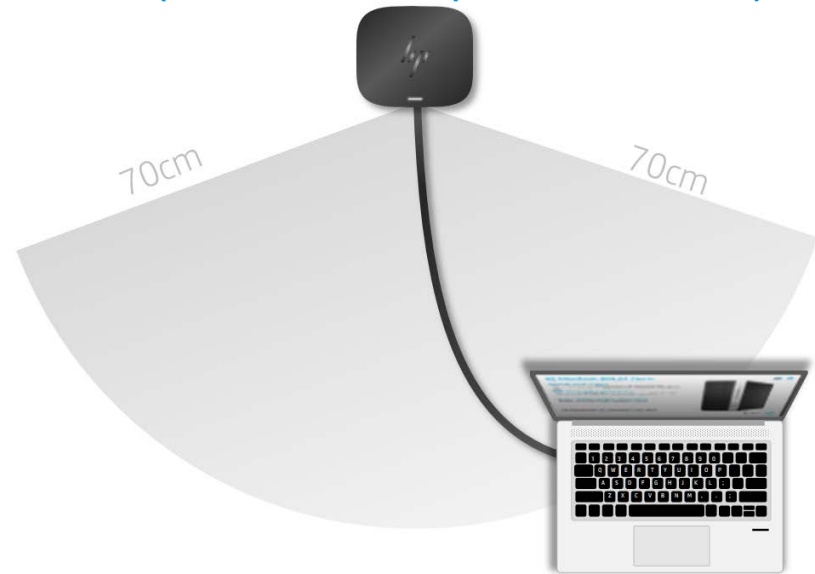
Compatible with all USB-C,
USB-C Thunderbolt and USB-C
Thunderbolt Workstations

June 1st 2018 FCS



HP Thunderbolt G2 Docking Station (2UK37AA 120W / 2UK38AA 230W)

Usage Scenarios



Comments

- Supports both USB-C AltMode and USB-C Thunderbolt devices, including Mobile Workstations
- Front Docking Cable expanding the range of where the device is located
- Added weight to prevent docking to move around in the table
- Power button capable
- Manageability: PXE Boot Support, WoL S3/S4/S5, HBMA Supported, MAC Address Passthrough

HP Thunderbolt G2 Docking Station

Optional Audio Module



- With open spaces, Audio Module has limited usage, but could be a good option for huddle rooms or small conference rooms





HP Thunderbolt G2 with Audio Module
Huddle Room / Small Meeting Room Usage scenario

Choosing the right device

Deskbased Devices



Mini

*Ideal for users...
That the smallest
footprint with a
modular PC/Display
option with little
performance tradeoffs*



SFF/Tower

*Ideal for users...
That require the
highest performance
on a PC, with multiple
expandability options*



All in One

*Ideal for users...
that require the
smallest footprint
solution, full
integration and clean
workspace*

hp EliteDesk 800 G3 Mini

Compact Powerful Desktop



- **Up to 65W CPUs, Core i7**
- 1 Liter Chassis
- **VESA Mounting integrated**
- Up to 3 direct Display connection
- Windows 7 and 10 Compatible
- 6 x USB-A 3.1 / up to 2 x USB-C 3.1



HP EliteDesk 800 G3 Mini

High performance desktop



1 x USB-C 3.1

2 x USB-A 3.1

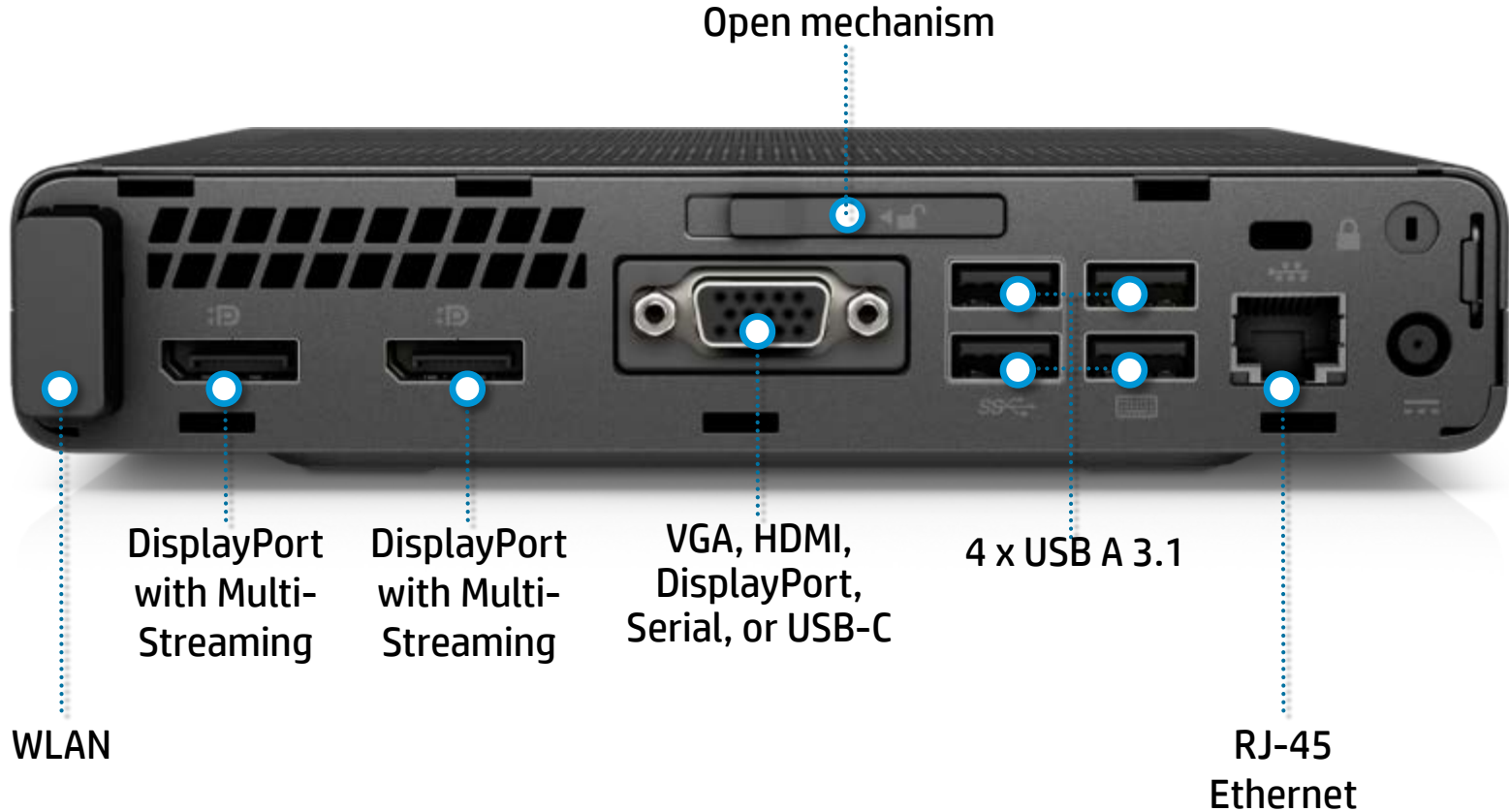
Combo Audio

Audio Out



HP EliteDesk 800 G3 Mini

High performance desktop



HP EliteDesk 800 G3 Mini

Small but high performance desktop



High Performance

Intel 6th and 7th Generation i5/i7 **65W and 35W processors** with vPro support, up to 32GB RAM and **high performance PCIe / Intel Optane SSDs**

Modular expandability

Internal Storage (2.5" and M.2), external module integration of ODD, Additional I/O Module. Integrated VESA mounting

Secure, Stable, reliable, dependable

Windows 7/10 Compatible, HP SureStart 3.0, TPM 2.0, Global series, long lifecycle, hardware stability, MilSpec reliability. Optional dust filter



Recommended for customers who need

Space saving solution on a high performance solution, do not require dedicated graphics or PCI expandability, vPro support, **monitor mounting integration**



HP EliteDesk 800 G3 Mini

Deployment options



Expansion Modules



Mounting Kits and Dust Filter



HP EliteDesk 800 G3 Tower

High performance expandable Tower



Superior Performance

Intel 7th Generation i5/i7 **91W processors** or **6th Generation CPUs** with vPro support, up to 64GB RAM and **high performance PCIeexpress / Intel Optane SSDs**

High end graphics performance

From entry level **Intel HD 630** integrated graphics up to **nVidia GTX 1080** dedicated graphics, support up to 4 independent displays

Secure, Stable, reliable, dependable

Windows 7/10 Compatible, HP SureStart 3.0, TPM 2.0, Global series, long lifecycle, hardware stability and MilSpec reliability

Recommended for customers who need

vPro support, extremely high CPU and Graphics performance, full expandability and Virtual Reality deployments



HP EliteDesk 800 G3 SFF

Small Desktop, reliable performance



High Performance

Intel 7th and 6th Generation i5/i7 **65W processors** with vPro support, up to 64GB RAM and **high performance PCIe / Intel Optane SSDs**

Small yet expandable

Up to 2 x **nVidia GT730** dedicated graphics, 4 x Storage bays, 4xPCI Slots and additional 2xM.2 connectors

Secure, Stable, reliable, dependable

Windows 7/10 Compatible, HP SureStart 3.0, TPM 2.0, Global series, long lifecycle, hardware stability and MilSpec reliability



Recommended for customers who need

vPro support, integrated Optical drive, additional Half Card PCI card expandability in a space saving solution



hp EliteOne 800 G3

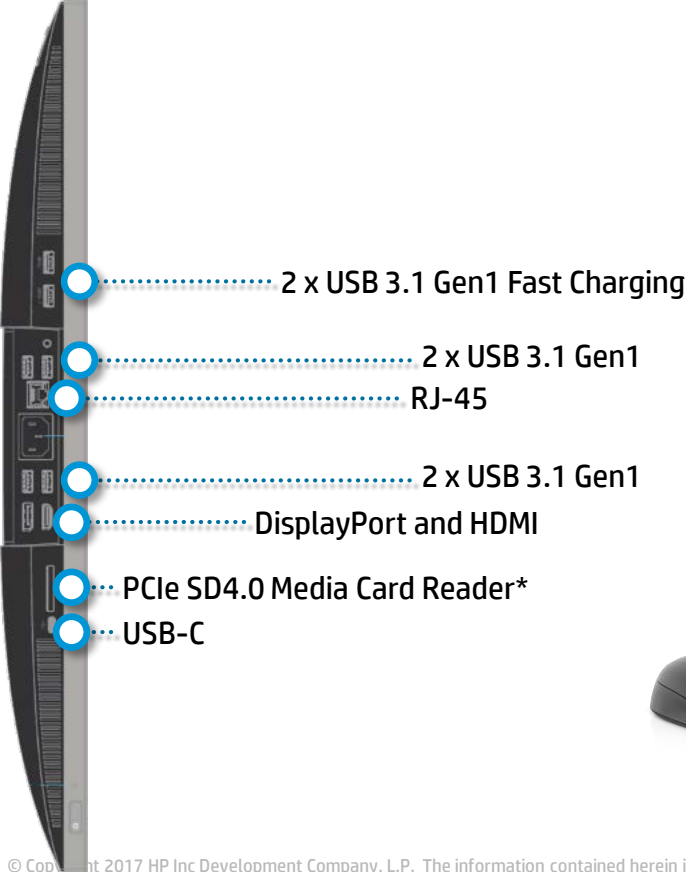
Beautiful All in One

- **Core i7/i5 U processors**
- **Optional Anti-Glare Touch**
- **New IPS FHD/4k panels**
- **Integrated IR Camera**
- **Windows 7 and 10 Compatible**



HP EliteOne 800 G3

Connectivity





Elite Slice G2

Modernize Meeting Rooms



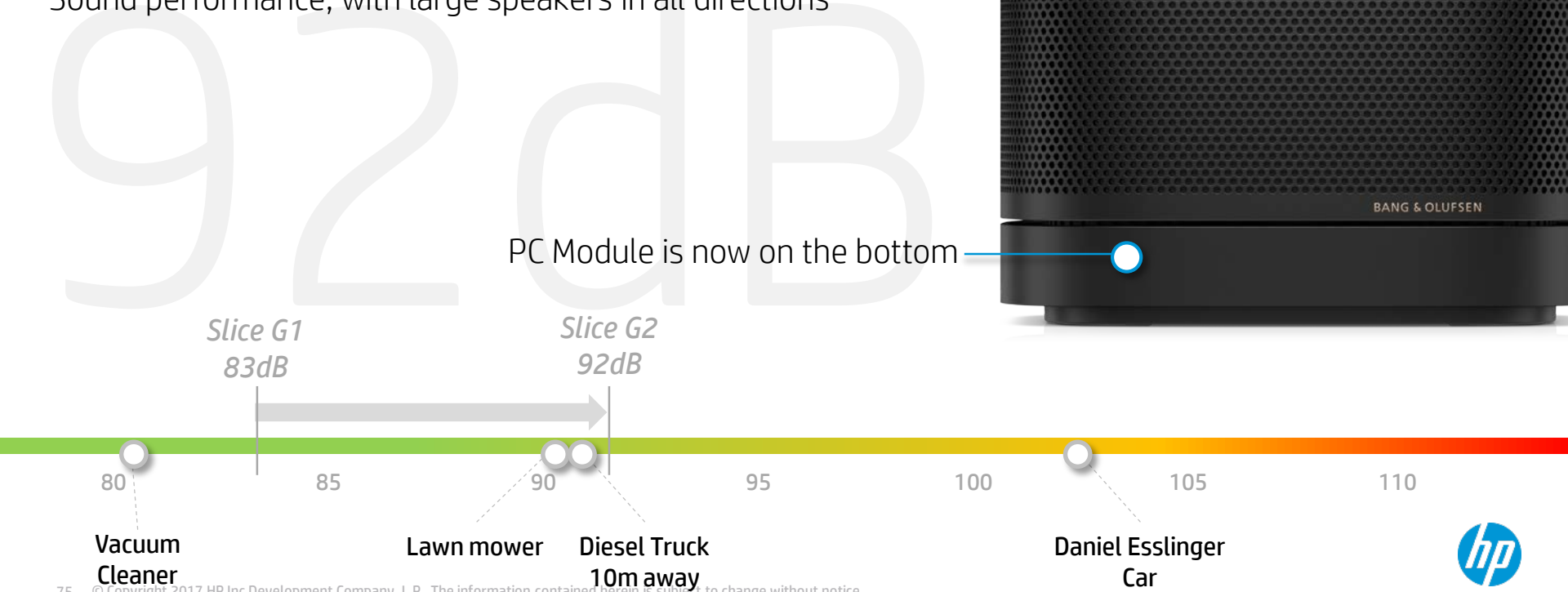
HP Slice G2 for Meeting Rooms Update

Sound Performance

Audio Module is now placed on top, with 100% improvement on Sound performance, with large speakers in all directions



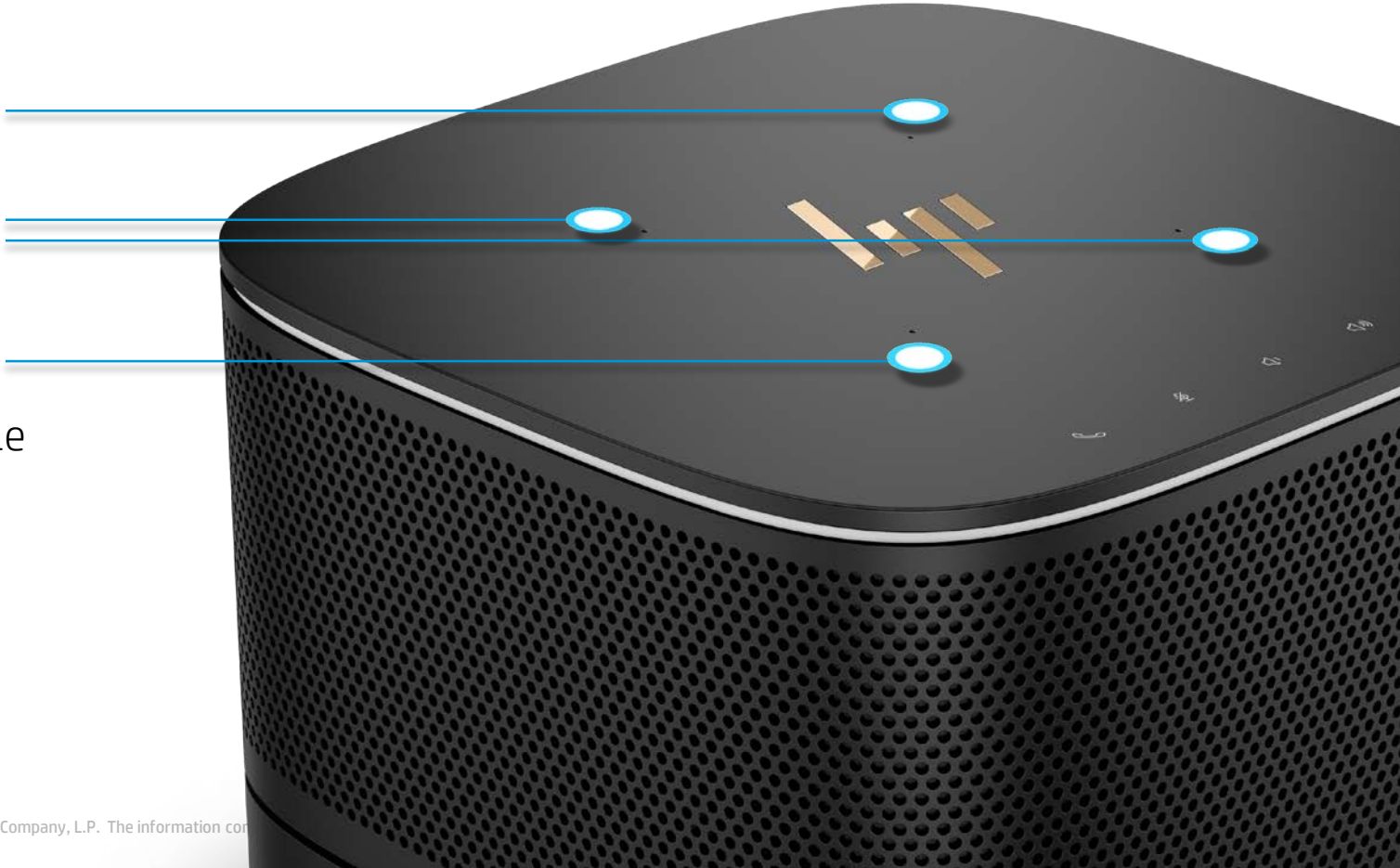
PC Module is now on the bottom



HP Slice for Meeting Rooms Update

HP Elite Slice 1.5


Moving from 2
microphones
located on the
sides, to 4
microphones
located on the top
of the Audio Module
for a better 360°
Sound capture



Guest Access

HP Elite Slice G2

For devices without Network
access (eg. Guests), there is always
the HDMI In port



HP Slice for Meeting Rooms Update

HP Elite Slice 1.5



Wireless transmission Module



Wireless receiver (to plug into TV via HDMI)

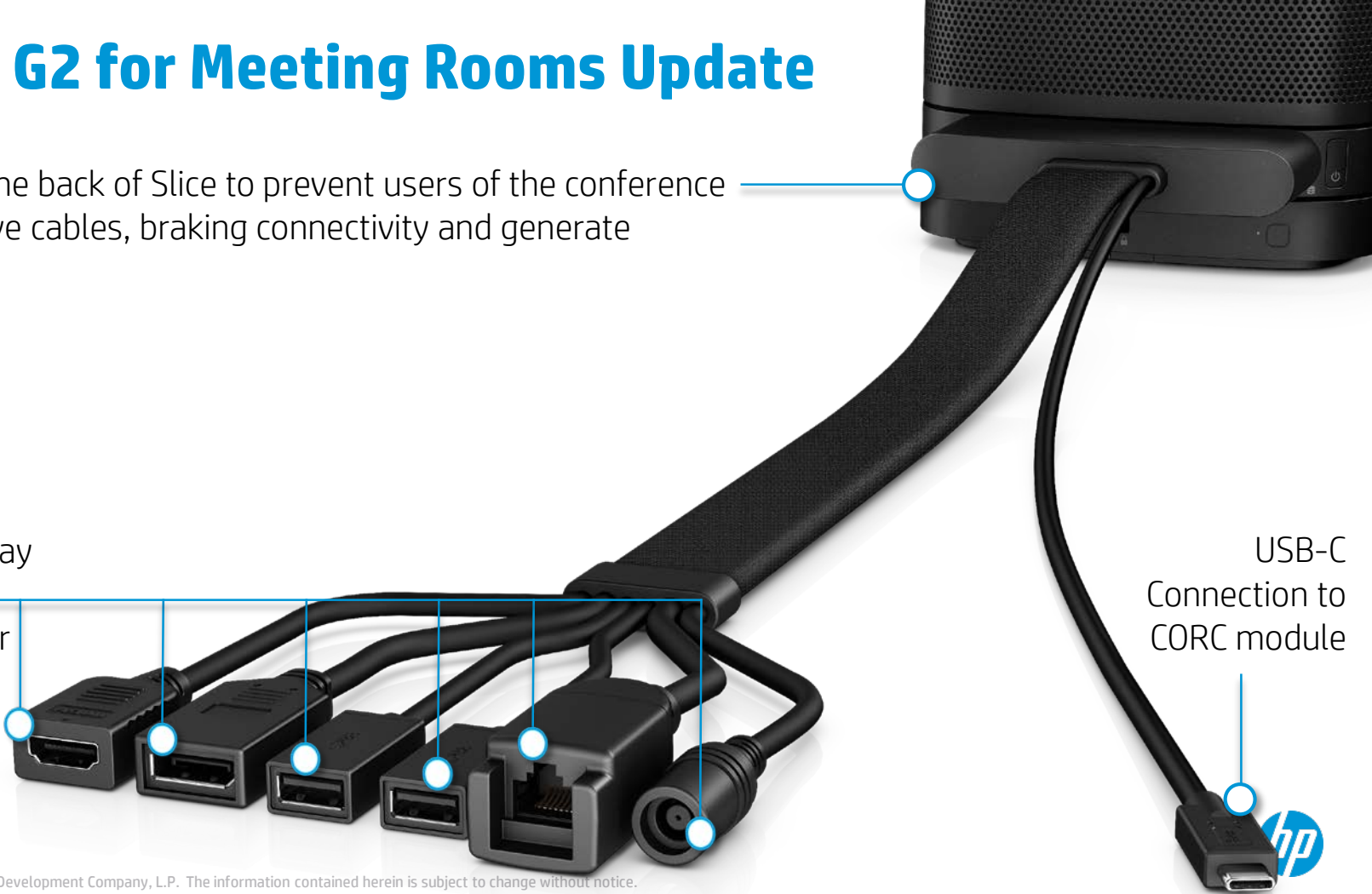
HP Slice G2 for Meeting Rooms Update

Connectivity

Connector to the back of Slice to prevent users of the conference room to remove cables, braking connectivity and generate service calls

Connectivity to Room (eg Display on the wall), Network, power

USB-C Connection to CORC module



Center of Conference Room (COCR)

HP Elite Slice G2

The Center of Conference Room will allow to manage completely the meeting. From dialing directly to phone numbers, to join previously scheduled meetings or start a new ad-hoc meeting





Thank you