

A stylish and professional convertible delivers all essential commercial features in a budget friendly price

HP PROBOOK x360 435 G7

VALUE FOR GROWING BUSINESS

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# Change log

Date	Slide Number	Comments
1/13/2020		Initial publish
2/18/2020	3. 4. 7. 8.10.15.16.17	Added pages
3/18/2020	20.22	Updated to "Passed MIL- STD tests"



# MEET THE OFFICE NAVIGATOR

*Users who thrive in office environments, spanning many locations and roles, processing, creating, and collaborating across teams*



#### TYPICAL ROLES:

Finance, marketing,  
legal, strategy



#### IN THE OFFICE:

59% of time  
spent AT DESK



#### PREVALENCE:

10-30%  
of users





OFFICE NAVIGATORS WANT:

# VERSATILITY FOR PRODUCTIVITY



**FLEX ACROSS  
FUNCTIONS**

Need **versatile** devices to adapt to their cross-functional roles, and **screen real-estate** to manage complex workflows.



**AROUND AND  
BEYOND  
OFFICE**

Need the ability to touch down and connect **at desks, huddle rooms, focus booths, and cafes** – in and around the office and beyond.



**PRIVACY  
CONSCIOUS**

Need occasional **privacy** for sensitive projects and conversations, even in an **open office environment**



**PRODUCTIVITY  
SUITE PROS**

**Mid-to-high performance** requirements to juggle heavy presentations, spreadsheets, and more.



**INTER-TEAM  
COLLABORATORS**

Need to be able to **connect/ dock seamlessly** from meeting rooms to desks and back again.

## NEED PROFILE:



**Versatile Usability. Business Grade Security. Boundless Productivity**



## STYLISH AND PROFESSIONAL

77% of HR and business managers of SMBs cite outdated systems and technology as their biggest workforce management challenge<sup>1</sup>

CONVERTIBLE DESIGN FOR VERSATILITY



### CONVERTABILITY

Flip, fold, and work with a 360° hinge that adapts to create, present and collaborate

### DURABILITY

Anodized aluminum lid & 3D forged 1-piece aluminum keyboard deck. Designed to pass MIL-STD 810G certification<sup>2</sup>

### WORLD-FACING CAMERA<sup>3</sup>

Capture the world around you with an optional dual-camera system with a second camera in the keyboard, perfect for taking photos and videos in tablet mode.

### HP PRO PEN<sup>4</sup>

Naturally annotate, draw, and take notes on-screen with an authentic experience that feels like a real pen.



# The Evolution of ProBook x360 Design- x360 440 G1 to 435 G7

- HP signature wedge design
- Anodized aluminum lid
- Narrow border



- 3D forged 1-piece aluminum keyboard deck
  - Removable bottom for easy upgrades and servicing



**HP ProBook  
x360 440 G1**



**HP ProBook  
x360 435 G7**





Durability is the **#1** factor ITDMs will look at when considering a sustainable PC' *(How long the product lasts before it needs to be replaced)*<sup>31</sup>

***Designed with reliability and durability in mind.***

This standard, created specifically for the U.S. Department of Defense (DoD), outlines a broad range of tests that can be tailored to measure the reliability of specific pieces of equipment

UNDERGOES **19** MIL-STD 810G TESTS<sup>2</sup>  
Same as EliteBooks



Photo: Drop Test

Drop. Functional Shock. Vibration (Category 4). Vibration (Category 5). Vibration (Category 24). Dust. Humidity. Altitude (ProcedureI). Altitude (ProcedureII). High Temperature (ProcedureI). High Temperature (ProcedureII). Low Temperature (ProcedureI). Low Temperature (ProcedureII). Temperature Shock. Sand. Freeze/Thaw. Bench Handling Shock. Crash Hazard Shock. Transportation Shock







# TOTAL TEST PROCESS<sup>2</sup>

120,000 HOURS OF  
TESTING  
PER PRODUCT

*Helps drive superior quality & reliability in a wide range of applications & operating environments.*



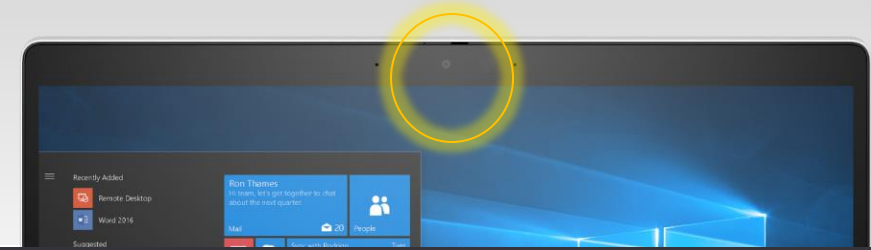




## MULTI-LAYERED SECURITY

20% of SMBs reported that they had to cease business operations immediately after a cyber attack<sup>5</sup>

BUILT FOR BUSINESS WITH SECURITY



### HP SURE START for AMD<sup>6</sup>

Firmware attacks can completely devastate a PC. Stay protected with the self-healing BIOS that automatically recovers from attacks or corruption without IT or user intervention

### HP SURE SENSE<sup>7</sup>

Traditional antivirus can't always recognize new attacks. HP Sure Sense harnesses the power of deep learning AI to identify and quarantine never-before-seen attacks, helping prevent infections before they happen

### HP SURE CLICK<sup>19</sup>

Help protect your PC from websites, read only Microsoft<sup>®</sup> Office and PDF attachments, malware, ransomware, and viruses with hardware-enforced security from HP Sure Click.

### HP PRIVACY CAMERA<sup>9</sup>

Never wonder if someone is watching you with the added peace of mind that comes from the built-in HP Privacy Camera with an integrated physical shutter to protect from malicious surveillance

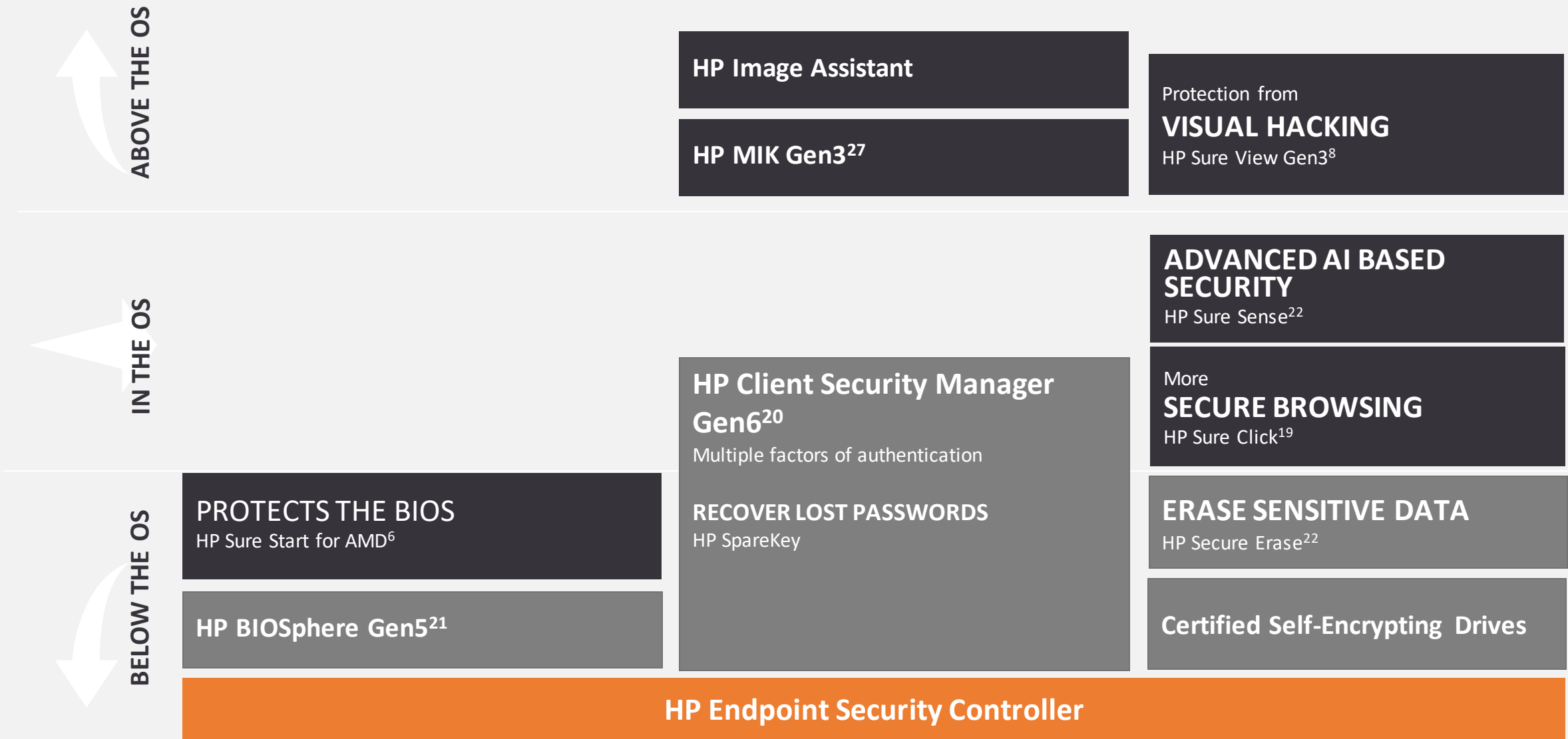


### HP SURE VIEW Gen3<sup>8</sup>

Instantly block prying eyes' ability to view your screen with optional HP Sure View Gen3 that reduces visual light when the screen is viewed from the side making it appear dark and unreadable



# HP ProBook x360 435 G7 SECURITY STACK





## TAKES ON A DEADLINE-DRIVEN, MULTITASKING WORKDAY

Top importance of overall notebook features in rank order:  
Performance (41%)<sup>10</sup>

# PERFORMANCE & PRODUCTIVITY



### PERFORMANCE

The choice of latest AMD Ryzen™ 4000 quad-, six- or eight-core processors<sup>11,12</sup>

### GRAPHICS

Integrated latest AMD Radeon™ technology for demanding graphics and video tasks

### BATTERY LIFE

HP's optimized power design with AMD Ryzen™ 4000 series processors, built on power-sipping 7nm technology, enables all workday battery life

### CONNECTIVITY

Flexible and fast wireless connectivity with optional Intel® Wi-Fi 6<sup>4</sup>.<sup>13</sup> and HP Extended Range Wireless LAN<sup>15</sup>







# HP PROBOOK x360 435 G7 PRODUCT WALKTHROUGH



Slim design  
Z-Height:  
0.71"/17.95mm

Aluminum top Cover &  
3D Forged Metal  
keyboard deck

360 Degree Hinge  
Design

Stay connected  
HP Extended Ranged Wireless Lan  
Optional Wi-Fi 6 (802.11ax)<sup>4,13</sup>

World-Facing Auto-  
Focusing Camera<sup>3</sup>

Choice of the Latest AMD  
Ryzen™ Processors<sup>11,12</sup>

HP Fast Charge  
Up to 50% within 30 mins<sup>16</sup>



# HP PROBOOK x360 435 G7

## PRODUCT WALKTHROUGH

Narrow Border Thin  
and Light Design

Dongle-free connectivity  
Full-sized HDMI,  
USB-A and USB-C™  
No adapter needed

Single Bottom Door  
for Better  
Serviceability

Direct-bonded  
Gorilla Glass 5  
cover glass

Preserve your privacy  
HP Privacy Camera<sup>9</sup>  
Optional HP SureView Gen3<sup>8</sup>

Multiple factors of  
authentication  
Optional IR Camera<sup>18</sup>  
Optional Touch  
Fingerprint Sensor<sup>18</sup>

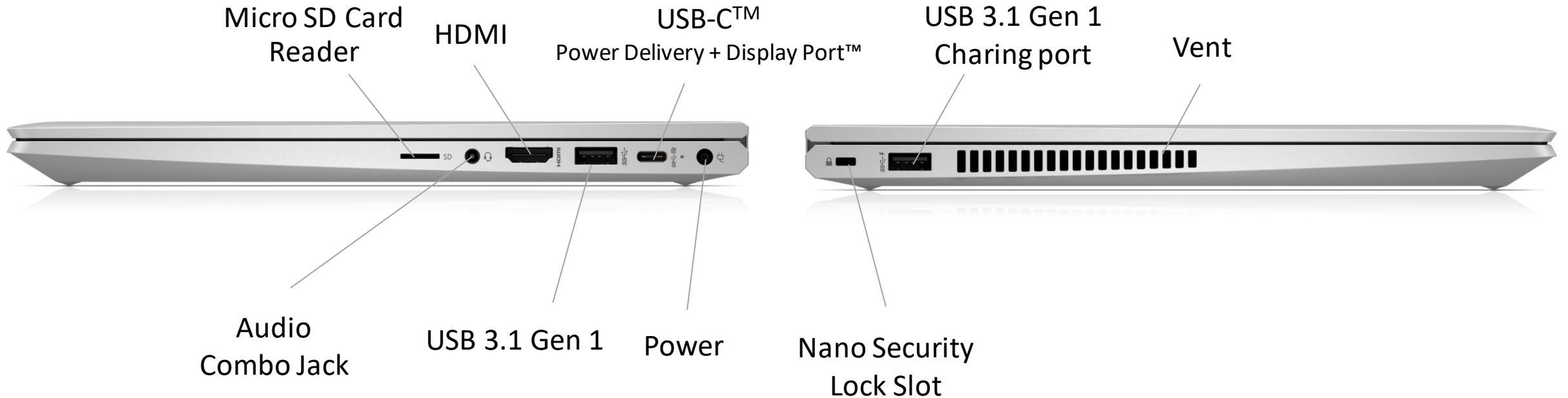
Digital Inking<sup>4</sup>





# HP PROBOOK x360 435 G7

## PRODUCT WALKTHROUGH







# HP PRO PEN ideal for NOTETAKING



## Get creative

Sketch, blend, write and navigate on your tablet screen control and astonishing accuracy of the HP Pro Pen



## Long battery life time

11.7 months battery life based on active use of 3 hours per day, easy to replace with 4A battery



## Precision in your palm

2048 pressure levels provide a realistic experience to express your creativity; touch only where you intend with integrated palm rejection technology



## Stylus storage

Park your pen in convenient & removable USB holder or adhesive option



## Spares included

Change out tips as needed with three included spares and handy tweezers



## Mobile productivity



## Lightweight design



## HP Tested, warranty & support

# Docking Solutions for ProBook x360 435 G7

Power and data in a **single cable connection**



**USB-C Pass Thru**  
**HP USB-C Dock G5**

Secure, pass-through docking – Power, data, and native video – no drivers needed

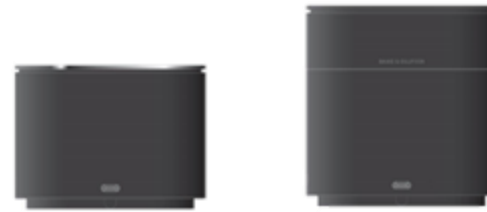
**Multi-generation** compatibility with USB-C™ and USB-A



**Universal**  
**HP USB-C Universal Dock G2**

For notebooks that have USB-C docking port and those that have only USB A Ports

**High performance** Thunderbolt™ or USB-C™



**USB-C Thunderbolt**  
**HP Thunderbolt Dock G2**

Versatile dock with integrated audio module. Note: Thunderbolt functionality not supported on ProBook 400

**Versatile** USB-C™ dock that needs no adapter for power



**Travel**  
**HP USB-C Mini Dock**

Bus powered or USB-C charge through makes this dock convenient and adapter free

# HP PROBOOK x360 435 G7

## Designed with the Environment in Mind



### Planned ECO Labels and Recognition

- ENERGY STAR® Certified<sup>30</sup>
- EPEAT® 2019 Registered Gold in U.S.<sup>28</sup>
- TCO Certified

### Environmental Product Design and the Circular Economy

#### Recycled Content

35% Recycled Plastic Content in Product

#### Restricted Materials

- Beryllium Free
- Cadmium Free
- Low halogen system<sup>29</sup>

#### Energy Efficiency

EPS(External Power Supply) with greater than 40% efficiency based on Energy Star standard

#### Sustainable Packaging



- 100% Sustainably Sourced Packaging.
- 35% Recycled content on Cardboard boxes that are FSC (Forest Stewardship Council) Certified.
- Meets US EPA postconsumer recycled content guidelines for packaging
- 100% Recyclable/Recycled Molded Fiber Based cushion.
- 5-in-1 Eco-Packaging as an option.



# HP PROBOOK

## x360 435 G7

The top three concerns PC users in small businesses have are the **weight of device**, **difficulty to transfer files**, and **loss of wifi connectivity**<sup>17</sup>.

What's new this generation?

Summary slide

Portfolio overview

Specifications

Step-up in performance



## DESIGN, SECURITY, & COLLABORATION

52% of Millennials say design is important when choosing a PC<sup>24</sup>

# WHAT'S NEW?



### POWERFUL PERFORMANCE

- Latest AMD Ryzen™ 4000 series mobile processors of Quad/six/eight-cores<sup>11, 12</sup>
- Integrated latest AMD Radeon™ technology

### PROVEN DURABILITY

- Anodized aluminum top over and keyboard deck
- Designed to pass 19 Mil Spec testing<sup>2</sup>

### ENHANCED EXPERIENCE

- Capture the world around you with an optional World-facing auto-focus camera<sup>3</sup>
- New Pro Pen<sup>4</sup> with longer battery life and durable nips



### BUSINESS GRADE SECURITY

- Firmware attacks can completely devastate your PC - stay protected with HP Sure Start for AMD<sup>6</sup> self-healing BIOS.
- HP Sure Sense<sup>7</sup> harnesses the power of deep learning AI to identify and quarantine never-before-seen attacks, helping prevent infections before they happen
- Instantly block prying eyes by making your screen appear dark and unreadable from the side with optional HP Sure View Gen3<sup>8</sup>
- Get peace of mind with a built-in HP Privacy Camera<sup>9</sup> that blocks the lens of your camera.

### FAST WIRELESS EXPERIENCE

- Intel® Wi-Fi 6 offers up to 3x faster file transfer speeds, capable of 4x the network capacity compared to Wi-Fi5<sup>26</sup>
- HP Extended Range Wireless LAN allows greater distance from transmission point and fast data throughput at shorter ranges<sup>15</sup>



# THE HP PROBOOK x360 435 G7

The HP ProBook x360 435 delivers the power, security, and durability your growing business demands in a versatile 360o design that adapts to the way you work.

## Key Benefits

### Convertible Design for Versatility

The versatile ultraslim HP ProBook x360 435 adapts throughout the day, with four use modes that enable you to create, present, and collaborate in a comfortable way.

### Built for business with security

Your growing business requires the protection of a PC with commercial-grade security features. The HP ProBook x360 435 is enhanced with security and privacy from the BIOS up.

### Performance and productivity

Get through your deadline-driven, multi-tasking day using the latest optional AMD Ryzen™ quad-, six-, even eight-core processors<sup>11, 12</sup> with outstanding graphics performance .



#### Performance

Introducing latest AMD Ryzen™ 4000 series mobile processors<sup>11,12</sup>



#### Power to go places

Long battery life with HP Fast Charge (50% in 30 minutes)<sup>16</sup>



#### Impressive ID

Sleek design in Pike Silver, Aluminum A/C covers, and integrated keyboard



#### One Cable Docking

USB-C™ data + Power + Video



#### Easy Log On

Windows Hello/Facial Recognition via opt. IR Camera and fingerprint sensor<sup>18</sup>



#### Mil-Spec Durability

Passed 19 Mil-Spec 810G tests<sup>2</sup>

## Key Accessories



HP USB-C™ Dock G5<sup>4</sup>



HP EliteDisplay Docking Monitor<sup>4</sup>



HP Business Top Load & Business Backpack<sup>4</sup>

## Key Software

- HP Sure Start<sup>6</sup>
- HP Sure Sense<sup>7</sup>
- HP Sure Click<sup>19</sup>

## Key Services

- HP Care Pack
- HP Helpdesk



# HP COMMERCIAL NOTEBOOKS PORTFOLIO OVERVIEW

Simple Efficiency

Everyday Productivity

Mission Critical

Sophisticated Image

Performance

Specialty segments



HP 200/300/400  
14" / 15" / 17" Intel / AMD

ProBook 400  
13" / 14" / 15"  
Intel / AMD



ProBook 600  
14" / 15"  
Intel / AMD



EliteBook 705  
EliteBook 800  
13" / 14" / 15"  
Intel / AMD



EliteBook 1000  
13" / 14" Intel



ZBook 15v  
ZBook U Series  
14" and 15" Intel



ZBook Studio  
ZBook 15 and 17  
ZBook x2  
15" and 17" Intel



ZBook x2  
14" Intel



Education  
Chromebooks &  
Windows Edu

11" / 14" Intel & 11" Intel

Support learning, wherever it happens with versatile educational technology tools formulated for today's dynamic and evolving academic environments.



EliteBook 840  
Healthcare  
Edition

14" Intel

SMB

MANAGED IT

SMB

Affordable business notebooks with essential features

Power, style and value - just what your growing business needs

Legacy support plus flexibility and security

Security, manageability, and performance in an ultrathin design

Thin & light designs, versatile form factors, and productivity powerhouses for work and life.

Performance, mobility and security from entry level to high end and expandable.

Enhance the connection between care providers and patients while optimizing clinical workflows.



# DEFINITION AND COMPARISON – x360 440 G1 vs. x360 435 G7

FEATURES	HP ProBook x360 440 G1	HP ProBook x360 435 G7
ID/Material	Aluminum C ; Plastic A/B/D	Aluminum A/C ; Plastic B/D
CPU	Intel KBL,KBL-R i7/i5/i3/Celeron/Pentium	AMD Renoir R7/R5/R3
Dimension/ weight	14" : 330 x 232 x 19.9 mm / 1.72kg, 3.8lbs	13" : 308.5 x 223.0 x 17.95 mm / 1.49kg, 3.28 lbs <sup>23</sup>
Display Options	14" FHD IPS, 250nits/ 400 nits, Narrow Border, Touch with cover glass	13.3" FHD IPS, 250nits / 400nits, Narrow Border, Touch with cover glass Optional 1000 nits SureView Gen3 privacy panel <sup>25</sup>
Graphics	Intel HD UMA Graphics; Optional NVidia MX130	AMD HD UMA Graphics
Storage/ODD	SATA or PCIe4 SSD; External ODD support	SATA or PCIe4 SSD; External ODD support
Connectivity	2x USB 3.0 (1 powered port), 1x USB-C 3.1 Gen1 (data,PD,DP), 1x HDMI 1.4b (Up to 4K 30fps), 1x RJ45, 1xCombo Audio, 1x Micro SD card reader, WLAN (PCIe M.2 module, AC 2x2 ), BT4.2, Opt WWAN (Cat9)	2x USB 3.0 (1 powered port), 1x USB-C 3.1 Gen1 (data,PD,DP, Anti-Wobble USB-C connector), 1x HDMI 1.4b (Up to 4K 30fps), 1xCombo Audio, 1x Micro SD card reader, UEFI WiFi& BT, WLAN (PCIe M.2 module supportable, 802.11AX 2x2), BT 5.0, HP Extended Wireless Lan, HP Audio Stream
Battery	48Whr, LLB, HP Fast Charge (90% in 90 Minutes)	45Whr, LLB, HP Fast Charge (50% in 30 Minutes) <sup>16</sup>
Collaboration	HP Noise Reduction Software, 720p HD Camera, Skype for Business Certified	HP Noise Reduction Software, 720p HD Camera or Optional HD+IR camera <sup>18</sup> , Optional world-facing 2nd Camera <sup>3</sup>
Security	HP BIOSphere, HP Secure Erase, HP Client Security Manager, TPM 2.0, Optional Touch Finger Print Reader, K-Lock	HP BIOSphere <sup>21</sup> , HP Sure Start for AMD <sup>6</sup> , HP Sure Click <sup>19</sup> , HP Secure Erase <sup>22</sup> , HP Client Security Manager <sup>20</sup> , HP Sure Sense <sup>7</sup> , TPM 2.0, Optional Touch Fingerprint Sensor <sup>18</sup> , Nano K-Lock, HP Privacy Camera <sup>9</sup>
Durability	Passed 9 items of MIL-STD including drop. Spill-resistant KB	Passed 19 items of MIL-STD including drop <sup>2</sup> . Spill-resistant KB Wipe-ability
Serviceability	Service door: CSR-adapter, SSD, keyboard, memory, WLAN, WWAN, WWAN SIM card	Single serviceable panel ; CSR- adapter, IT Service Replaceable Parts- adapter, battery, SSD, memory, WLAN
Other		Designed to be certified ENERGY STAR, EPEAT target gold 2020 Premium Keyboard with Power Button on Keyboard, Optimal pen w/ pen storage options <sup>4</sup>



# A STEP UP: HP PROBOOK 430 G7 to x360 435 G7



**HP ProBook  
430 G7**

- Thinner profile: 17.95mm with touch
- Zero spindle –SSD only
- 2020 new keyboard: Noise-reducing, consistent pressure for comfortable-typing

## Design

- Touch privacy option
- Direct-bonded Gorilla Glass 5 cover glass
- System runs up to 3200MHz memory speed

## Productivity

- Convertible design
- HP Pro Pen with various pen storage options
- World-facing camera option

## Versatility



**HP ProBook  
x360 435 G7**



# FOOTNOTES

1. The Workforce Institute at Kronos, Work/life Balance Tops Higher Wages When Creating Engaged SMB Employees, July 2016
2. **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. Accidental damage requires an optional HP Accidental Damage Protection Care Pack.
3. **World-facing camera** is an optional feature that must be configured at the factory
4. Sold separately or as an optional feature.
5. Osterman Research, sponsored by Malwarebytes "Second Annual State of Ransomware Report: US Survey Results" July 2017
6. **HP Sure Start for AMD** is available on select HP PCs with AMD processors. See product specifications for availability.
7. **HP Sure Sense** requires Windows 10. See product specifications for availability.
8. **HP Sure View Gen3** integrated privacy screen is an optional feature that must be configured at purchase and is designed to function in landscape orientation.
9. **HP Privacy Camera** only available PCs equipped with HD or IR camera and must be installed at the factory.
10. C Space Primary Proprietary Research with online communities, 2015
11. Quad-core, six-core, and eight-core processors are an optional feature.
12. Multicore is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. AMD's numbering is not a measurement of clock speed.
13. Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 6 is backwards compatible with prior 802.11 specs. The specifications for **Wi-Fi 6 (802.11ax)** are draft and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the notebook to communicate with other 802.11ax devices. Only available in countries where 802.11ax is supported.
14. Wi-Fi® supporting gigabit speeds is achievable with **Wi-Fi 6 (802.11ax)** when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 160MHz channels.
15. Based on internal testing vs. previous generation product with 802.11ac wireless LAN module.
16. Recharges the battery up to 50% within 30 minutes when the system is off or in standby mode when used with the power adapter provided with the notebook. After charging has reached 50% capacity, charging speed will return to normal. Charging time may vary +/- 10% due to System tolerance.
17. The top three concerns PC users in small businesses have are the weight of device, difficulty to transfer files, and loss of wifi connectivity" (WW SMB PC & Devices Study 2017 prepared for HP by AMI-Partners)
18. Fingerprint reader and IR camera sold as optional features at time of purchase and must be configured at the factory.
19. **HP Sure Click** is available on most HP PCs and supports Microsoft Internet Explorer, Google Chrome™, and Chromium™. Supported attachments include Microsoft Office (Word, Excel, PowerPoint) and PDF files in read only mode, when Microsoft Office or Adobe Acrobat are installed. Check <http://h20195.www2.hp.com/v2/GetDocument.aspx?docname=4AA7-0922ENW> for all compatible platforms as they become available
20. **HP Client Security Manager Gen5** requires Windows and is available on the select HP Pro and Elite PCs. See product specifications for details.
21. **HP BIOSphere Gen5** is available on select HP Pro and Elite PCs. See product specifications for details. Features may vary depending on the platform and configurations.
22. **HP Sure Erase**. For the methods outlined in the National Institute of Standards and Technology Special Publication 800-88 "Clear" sanitation method
23. Weight will vary by configuration; Thinness measured at the hinge.
24. HP, Proprietary Research with WW End Users, 2015
25. Touch-enabled display and Sure View privacy panel will lower actual brightness
26. Based on Wi-Fi 5 80MHz and Wi-Fi 6 160MHz minimum requirements when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 802.11ax (Wi-Fi 6). Only available in countries where 802.11ax is supported.
27. HP Manageability Integration Kit can be downloaded from [hp.com/go/clientmanagement](http://hp.com/go/clientmanagement)
28. Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit [www.epeat.net](http://www.epeat.net) for more information
29. External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
30. Configurations of the HP ProBook x360 435 G7 that are ENERGY STAR® qualified are identified as HP ProBook x360 435 G7 ENERGY STAR on HP websites and on <http://www.energystar.gov>.
31. HP Proprietary Research, 2018

