

# BNB Quick Reference Guide



HP Business Notebooks

May 2017



Designed to simplify,  
engineered to perform.

## HP ProBook x360 11 G1 EE

HP ProBook 11 EE G2 also available



HP ProBook x360 11 G1 EE	
<b>Form factor</b>	(1) Single digital microphone
<b>Dimension (H x D x L) cm</b>	Integrated HD webcam
<b>System weight</b>	Stereo speaker
<b>Chipset</b>	User Facing Camera
<b>Processor</b>	
<b>vPro support</b>	3-cell (41 Whr) Li-ion
<b>Graphics</b>	45W Smart AC adapter, 65W EM Smart AC adapter
<b>Max memory</b>	8 GB
<b>Display size</b>	11.6"
<b>Resolution</b>	1366 x 768
<b>Touch display option</b>	√
<b>Storage</b>	
<b>Capacity / speed</b>	-
<b>SSD</b>	Up to 256 GB
<b>m SATA</b>	-
<b>Dual storage</b>	-
<b>ODD</b>	External option only
<b>Connectivity</b>	
<b>iPass Wi-Fi access</b>	-
<b>LAN</b>	10/100/1000 NIC
<b>WLAN*</b>	802.11a/b/g/n/ac (2x2) WiFi and Bluetooth® 4.2 Combo
<b>WPAN</b>	-
<b>WWAN*</b>	-
<b>Input</b>	
<b>Spill-resistant keyboard</b>	√
<b>Numeric keypad</b>	-
<b>Ports</b>	
<b>VGA</b>	-
<b>HDMI</b>	(1) HDMI
<b>DisplayPort</b>	-
<b>Serial</b>	-
<b>USB 2.0</b>	-
<b>USB 3.0</b>	(3) USB 3.0
<b>RJ-45</b>	(1) RJ-45
<b>Headphone / Mic combo</b>	(1) Headphone / Mic
<b>Types of docking</b>	USB docking option
<b>Secondary battery support</b>	-
<b>Multimedia</b>	
<b>Integrated microphone</b>	(1) Single digital microphone
<b>Webcam</b>	Integrated HD webcam
<b>Audio</b>	Stereo speaker
<b>Camera</b>	User Facing Camera
<b>Power</b>	
<b>Primary battery</b>	3-cell (41 Whr) Li-ion
<b>AC adapter</b>	45W Smart AC adapter, 65W EM Smart AC adapter
<b>Security</b>	
<b>TPM</b>	√
<b>HP Fingerprint Sensor</b>	-
<b>Security lock slot</b>	√
<b>Warranty</b>	Up to 1 year
<b>Others</b>	
<b>Operating system</b>	Windows 10 Pro, Windows 10 Home
<b>Services</b>	Upon request

## HP 200 series



	HP 240 G6	HP 250 G6
<b>Form factor</b>	2.37 x 24 x 34	2.38 x 25.38 x 38
<b>Dimension (H x D x L) cm</b>	1.85 kg	1.86 kg
<b>System weight</b>	Integrated SoC	Integrated SoC
<b>Chipset</b>	Intel® 6th/7th Gen	Intel® 6th/7th Gen
<b>Processor</b>	-	-
<b>vPro support</b>	Intel® HD Graphics 400/520/620	Intel® HD Graphics 400/405/520/620
<b>Graphics</b>	Up to 16 GB	Up to 8 GB
<b>Max memory</b>	14.0"	15.6"
<b>Display size</b>	1366 x 768	1366 x 768, 1920 x 1080
<b>Resolution</b>	1366 x 768	1366 x 768
<b>Touch display option</b>	-	-
<b>Storage</b>		
<b>Capacity / speed</b>	Up to 1 TB / 5400 rpm	Up to 1 TB / 5400 rpm
<b>SSD</b>	-	Up to 256 GB
<b>m SATA</b>	-	-
<b>Dual storage</b>	-	-
<b>ODD</b>	Optional DVD+/-RW Double-Layer Writer	Optional DVD+/-RW Double-Layer Writer
<b>Connectivity</b>		
<b>iPass Wi-Fi access</b>	-	-
<b>LAN</b>	10/100/1000 NIC	10/100/1000 NIC
<b>WLAN*</b>	-	-
<b>WPAN</b>	-	-
<b>WWAN*</b>	Realtek 802.11b/g/n (1x1) WiFi10, Realtek 802.11b/g/n (1x1) WiFi and Bluetooth® 4.0 Combo, Intel® Dual band wireless-AC 3168 802.11AC (1x1) WiFi and Bluetooth® 4.2 Combo Adaptor (non-vPro), Intel® Dual Band Wireless-AC 7265 802.11 AC (2x2) WiFi and Bluetooth® 4.2 Combo Adapter (non-vPro)*	Realtek 802.11b/g/n (1x1) WiFi and Bluetooth® 4.0 Combo, Intel® Dual Band Wireless-AC 3168 802.11ac (1x1) Wi-Fi and Bluetooth® 4.2 Combo (non-vPro™), Intel® Dual Band Wireless-AC 7265 802.11ac (2x2) WiFi and Bluetooth® 4.2 Combo (non-vPro™)
<b>Input</b>		
<b>Spill-resistant keyboard</b>	-	-
<b>Numeric keypad</b>	-	√
<b>Ports</b>		
<b>VGA</b>	(1) VGA	(1) VGA
<b>HDMI</b>	(1) HDMI	(1) HDMI
<b>DisplayPort</b>	-	-
<b>Serial</b>	-	-
<b>USB 2.0</b>	(1) USB 2.0	(1) USB 2.0
<b>USB 3.0</b>	(2) USB 3.0	(2) USB 3.0
<b>RJ-45</b>	(1) RJ-45	(1) RJ-45
<b>Headphone / Mic combo</b>	(1) Headphone / Mic	(1) Headphone / Mic
<b>Types of docking</b>	-	-
<b>Secondary battery support</b>	-	-
<b>Multimedia</b>		
<b>Integrated microphone</b>	(1) Single digital microphone	(1) Single digital microphone
<b>Webcam</b>	Integrated HD webcam	Integrated HD webcam
<b>Audio</b>	Stereo speaker	Stereo speaker
<b>Camera</b>	TrueVision HD camera	TrueVision HD camera
<b>Power</b>		
<b>Primary battery</b>	4-cell (41 WHr) Li-ion 3-cell (31 WHr) Li-ion	4-cell (41 WHr) Li-ion 3-cell (31 WHr) Li-ion
<b>AC adapter</b>	65W EM Smart AC adapter, 45W Smart AC adapter	65 W Smart AC adapter, 65 W EM Smart AC adapter, 45 W Smart AC adapter
<b>Security</b>		
<b>TPM</b>	√	√
<b>HP Fingerprint Sensor</b>	-	-
<b>Security lock slot</b>	√	√
<b>Warranty</b>	Up to 1 year	Up to 1 year
<b>Others</b>		
<b>Operating system</b>	Windows 10 Pro, Windows 10 Home, FreeDOS	Windows 10 Pro, Windows 10 Home, FreeDOS
<b>Services</b>	Upon request	Upon request

HP ProBook 400 series

HP Probook 400 G3 (Skylake) also available



	HP ProBook 430 G4	HP ProBook 440 G4
<b>Form factor</b>	Notebook PC	Notebook PC
<b>Dimension (H x D x L) cm</b>	1.98 x 23.35 x 33 (Non- touch), 2.13 x 23.38 x 33.02 (Touch)	2.03 x 23.90 x 34.32 (Non-touch), 2.19 x 23.94 x 34.34 (Touch)
<b>System weight</b>	1.49 kg	1.64 kg
<b>Chipset</b>	Integrated SoC	Integrated SoC
<b>Processor</b>	Intel® 7th Gen	Intel® 7th Gen
<b>vPro support</b>	-	-
<b>Graphics</b>	Intel® HD Graphics 620	Intel® HD Graphics 620, Nvidia® GeForce 930MX (2 GB DDR3 dedicated, switchable)*
<b>Max memory</b>	Up to 16 GB	Up to 16 GB
<b>Display size</b>	13.3"	14.0"
<b>Resolution</b>	1366 x 768, 1920 x 1080	1366 x 768, 1920 x 1080
<b>Touch display option</b>	√	√
<b>Storage</b>		
<b>Capacity / speed</b>	Up to 1 TB / 5400 rpm	Up to 1 TB / 5400 rpm
<b>SSD</b>	Up to 256 GB	Up to 256 GB
<b>m SATA</b>	-	-
<b>Dual storage</b>	Capable	Capable
<b>ODD</b>	External option only	External option only
<b>Connectivity</b>		
<b>iPass Wi-Fi access</b>	√	-
<b>LAN</b>	10/100/1000 NIC	10/100/1000 NIC
<b>WLAN*</b>	802.11b/g/n (1x1) + Bluetooth® 4.0 Combo, 802.11a/b/g/n/ac (1x1) WiFi + Bluetooth® 4.0 Combo, 802.11a/b/g/n/ac (2x2) WiFi + Bluetooth® 4.0 Combo (non-vPro), 802.11a/b/g/n/ac (2x2) WiFi + Bluetooth® 4.2 Combo (non-vPro)	802.11b/g/n (1x1) + Bluetooth® 4.0 Combo, 802.11a/b/g/n/ac (1x1) WiFi + Bluetooth® 4.0 Combo, 802.11a/b/g/n/ac (2x2) WiFi + Bluetooth® 4.0 Combo (non-vPro), 802.11a/b/g/n/ac (2x2) WiFi + Bluetooth® 4.2 Combo (non-vPro)
<b>WPAN</b>	-	-
<b>WWAN*</b>	HP lt4132 LTE 4G Mobile Broadband (Optional via connector, limited country offering)	HP lt4132 LTE 4G Mobile Broadband (Optional via connector, limited country offering)
<b>Input</b>		
<b>Spill-resistant keyboard</b>	√	√
<b>Numeric keypad</b>	-	-
<b>Ports</b>		
<b>VGA</b>	(1) VGA	(1) VGA
<b>HDMI</b>	-	-
<b>DisplayPort</b>	-	-
<b>Serial</b>	-	-
<b>USB 2.0</b>	(1) USB 2.0 + powered port	(1) USB 2.0 + powered port
<b>USB 3.0</b>	(1) USB 3.0, (1) USB Type-C	(1) USB 3.0, (1) USB Type-C
<b>RJ-45</b>	(1) RJ-45	(1) RJ-45
<b>Headphone / Mic combo</b>	(1) Headphone / Mic	(1) Headphone / Mic
<b>Types of docking</b>	-	-
<b>Secondary battery support</b>	-	-
<b>Multimedia</b>		
<b>Integrated microphone</b>	(1) Integrated microphone	(1) Integrated microphone
<b>Webcam</b>	720p HD webcam	720p HD webcam
<b>Audio</b>	Stereo speaker	Stereo speaker
<b>Camera</b>	-	-
<b>Power</b>		
<b>Primary battery</b>	3-cell (48 WHr) Long Life Li-ion	3-cell (48 WHr) Long Life Li-ion
<b>AC adapter</b>	45W Smart AC adapter, 45W Smart AC adapter 2-prong (Japan only), 65W EM Smart AC adapter (PRC and India only)	45W Smart AC adapter, 45W Smart AC adapter 2-prong (Japan only), 65W EM Smart AC adapter (PRC and India only)
<b>Security</b>		
<b>TPM</b>	√	√
<b>HP Fingerprint Sensor</b>	√	√
<b>Security lock slot</b>	√	√
<b>Warranty</b>	Up to 3 years	Up to 3 years
<b>Others</b>		
<b>Operating system</b>	Windows 10 Pro, Windows 10 Home, FreeDOS 2.0	Windows 10 Pro, Windows 10 Home, FreeDOS 2.0
<b>Services</b>	Customer Bios, Custom Image, Asset Tagging, Custom Label, DIB, Hardware Lock	Customer Bios, Custom Image, Asset Tagging, Custom Label, DIB, Hardware Lock

HP ProBook 400 series

HP Probook 400 G3 (Skylake) also available



	HP ProBook 450 G4	HP ProBook 470 G4	HP ProBook 455 G4
<b>Form factor</b>	Notebook PC	Notebook PC	Notebook PC
<b>Dimension (H x D x L) cm</b>	2.44 x 26.30 x 38.20 (Non-touch), 2.61 x 26.35 x 38.22 (Touch)	2.58 x 28 x 41.68	2.44 x 26.30 x 38.20
<b>System weight</b>	2.04 kg	2.63 kg	2.08 kg
<b>Chipset</b>	Integrated SoC	Integrated SoC	Integrated SoC
<b>Processor</b>	Intel® 7th Gen	Intel® 7th Gen	AMD Carrizo/Carrizo-L processors
<b>vPro support</b>	-	-	-
<b>Graphics</b>	Intel® HD Graphics 620, Nvidia® GeForce 930MX (2 GB DDR3 dedicated, switchable)	Nvidia® GeForce 930MX (2 GB DDR3 dedicated, switchable)	AMD Radeon™ R4/R6 Graphics
<b>Max memory</b>	Up to 16 GB	Up to 16 GB	Up to 16 GB
<b>Display size</b>	15.6"	17.3"	15.6"
<b>Resolution</b>	1366 x 768, 1920 x 1080	1600 x 900, 1920 x 1080	1366 x 768, 1920 x 1080
<b>Touch display option</b>	√	-	√
<b>Storage</b>			
<b>Capacity / speed</b>	Up to 2 TB / 5400 rpm	Up to 2 TB / 5400 rpm	Up to 2 TB / 5400 rpm
<b>SSD</b>	Up to 256 GB	Up to 256 GB	Up to 128 GB
<b>m SATA</b>	-	-	-
<b>Dual storage</b>	Capable	Capable	-
<b>ODD</b>	DVD+/-RW SuperMulti DL, DVD-ROM	DVD+/-RW SuperMulti DL, DVD-ROM	DVD+/-RW SuperMulti DL, DVD-ROM
<b>Connectivity</b>			
<b>iPass Wi-Fi access</b>	-	-	-
<b>LAN</b>	10/100/1000 NIC	10/100/1000 NIC	10/100/1000 NIC
<b>WLAN*</b>	802.11b/g/n (1x1) + Bluetooth® 4.0 Combo, 802.11a/b/g/n/ac (1x1) WiFi + Bluetooth® 4.0 Combo, 802.11a/b/g/n/ac (2x2) WiFi + Bluetooth® 4.0 Combo (non-vPro), 802.11a/b/g/n/ac (2x2) WiFi + Bluetooth® 4.2 Combo	802.11b/g/n (1x1) + Bluetooth® 4.0 Combo, 802.11a/b/g/n/ac (1x1) WiFi + Bluetooth® 4.0 Combo, 802.11a/b/g/n/ac (2x2) WiFi + Bluetooth® 4.0 Combo (non-vPro), 802.11a/b/g/n/ac (2x2) WiFi + Bluetooth® 4.2 Combo*	802.11b/g/n (1x1) and Bluetooth® 4.2 Combo, 802.11a/b/g/n/ac (2x2) WiFi and Bluetooth® 4.2 Combo (non-vPro)
<b>WPAN</b>	-	-	-
<b>WWAN*</b>	HP lt4132 LTE 4G Mobile Broadband (Optional via connector, limited country offering)	-	-
<b>Input</b>			
<b>Spill-resistant keyboard</b>	√	√	√
<b>Numeric keypad</b>	√	√	√
<b>Ports</b>			
<b>VGA</b>	(1) VGA	(1) VGA	(1) VGA
<b>HDMI</b>	-	-	(1) HDMI
<b>DisplayPort</b>	-	-	-
<b>Serial</b>	-	-	-
<b>USB 2.0</b>	(2) USB 2.0	(2) USB 2.0	(2) USB 2.0
<b>USB 3.0</b>	(1) USB 3.0, (1) USB Type-C	(1) USB 3.0, (1) USB Type-C	(1) USB 3.0, (1) USB Type-C
<b>RJ-45</b>	(1) RJ-45	(1) RJ-45	(1) RJ-45
<b>Headphone / Mic combo</b>	(1) Headphone / Mic	(1) Headphone / Mic	(1) Headphone / Mic
<b>Types of docking</b>	-	-	-
<b>Secondary battery support</b>	-	-	-
<b>Multimedia</b>			
<b>Integrated microphone</b>	(1) Integrated microphone	(1) Integrated microphone	(1) Integrated microphone
<b>Webcam</b>	720p HD webcam	720p HD webcam	720p HD webcam
<b>Audio</b>	Stereo speaker	Stereo speaker	Stereo speaker
<b>Camera</b>	-	-	-
<b>Power</b>			
<b>Primary battery</b>	3-cell (48 WHr) Long Life Li-ion	3-cell (48 WHr) Long Life Li-ion	3-cell (48 WHr) Long Life Li-ion
<b>AC adapter</b>	45W Smart AC adapter, 45W Smart AC adapter 2-prong (Japan only), 65W Smart AC adapter, 65W EM Smart AC adapter (PRC and India only)	45W Smart AC adapter, 45W Smart AC adapter 2-prong (Japan only), 65W Smart AC adapter, 65W EM Smart AC adapter (PRC and India only)	65W EM Smart AC Adapter, 45W Smart AC Adapter, 45W Smart AC Adapter 2-prong (Japan only)
<b>Security</b>			
<b>TPM</b>	√	√	√
<b>HP Fingerprint Sensor</b>	√	√	Optional
<b>Security lock slot</b>	√	√	√
<b>Warranty</b>	Up to 3 years	Up to 3 years	Up to 3 years
<b>Others</b>			
<b>Operating system</b>	Windows 10 Pro, Windows 10 Home, FreeDOS 2.0	Windows 10 Pro, Windows 10 Home, FreeDOS 2.0	Windows 10 Pro, Windows 10 Home, FreeDOS 2.0
<b>Services</b>	Customer Bios, Custom Image, Asset Tagging, Custom Label, DIB, Hardware Lock	Customer Bios, Custom Image, Asset Tagging, Custom Label, DIB, Hardware Lock	Customer Bios, Custom Image, Asset Tagging, Custom Label, DIB, Hardware Lock

HP ProBook 600 series

HP ProBook 600 G2 (Skylake) also available



	HP ProBook 640 G3	HP ProBook 645 G3
<b>Form factor</b>	Notebook PC	Notebook PC
<b>Dimension (H x D x L) cm</b>	2.70 x 23.7 x 34.0	2.70 x 23.7 x 34.0
<b>System weight</b>	1.95 kg	1.95 kg
<b>Chipset</b>	Integrated SoC	Integrated SoC
<b>Processor</b>	Intel® 7th Gen	AMD PRO A-Series APUs
<b>vPro support</b>	-	-
<b>Graphics</b>	Intel® HD Graphics 620 AMD Radeon™ R7 M465 (2 GB GDDR5 dedicated memory)*	AMD Radeon™ R5 Graphics
<b>Max memory</b>	Up to 32 GB	Up to 16 GB
<b>Display size</b>	15.6"	15.6"
<b>Resolution</b>	1366 x 768, 1920 x 1080	1366 x 768, 1920 x 1080
<b>Touch display option</b>	√	√
<b>Storage</b>		
<b>Capacity / speed</b>	Up to 1 TB / 5400 rpm	Up to 1 TB / 5400 rpm
<b>SSD</b>	Up to 512 GB	Up to 512 GB
<b>m SATA</b>	-	-
<b>Dual storage</b>	Capable	Capable
<b>ODD</b>	DVD+/-RW SuperMulti DL, DVD-ROM, BD Writer*	DVD+/-RW SuperMulti DL, DVD-ROM, BD Writer*
<b>Connectivity</b>		
<b>iPass Wi-Fi access</b>	-	-
<b>LAN</b>	10/100/1000 NIC	10/100/1000 NIC
<b>WLAN*</b>	802.11 a/b/g/n/ac (1x1) Wi-Fi® and Bluetooth® 4.2 Combo (non-vPro), 802.11b/g/n (1x1) and Bluetooth® 4.0 Combo (non-vPro), 802.11a/b/g/n/ac (2x2) WiFi and Bluetooth® 4.2 Combo (non-vPro and vPro)	802.11 a/b/g/n/ac (1x1) Wi-Fi® and Bluetooth® 4.2 Combo (non-vPro), 802.11b/g/n (1x1) and Bluetooth® 4.0 Combo (non-vPro), 802.11a/b/g/n/ac (2x2) WiFi and Bluetooth® 4.2 Combo (non-vPro and vPro)
<b>WPAN</b>	Bluetooth® 4.0 supported via Broadcom Realtek, Bluetooth® 4.2 supported via all supported Intel® WLAN modules	Bluetooth® 4.0 supported via Broadcom Realtek, Bluetooth® 4.2 supported via all supported Intel® WLAN modules
<b>WWAN*</b>	HP lt4120 Qualcomm® Snapdragon™ X5 LTE Mobile Broadband Module, HP lt4132 LTE/HSPA+ 4G Mobile Broadband Module, HP hs3210 HSPA+ Mobile Broadband Module	HP lt4120 Qualcomm® Snapdragon™ X5 LTE Mobile Broadband Module, HP lt4132 LTE/HSPA+ 4G Mobile Broadband Module, HP hs3210 HSPA+ Mobile Broadband Module
<b>Input</b>		
<b>Spill-resistant keyboard</b>	√	√
<b>Numeric keypad</b>	-	-
<b>Ports</b>		
<b>VGA</b>	(1) VGA	(1) VGA
<b>HDMI</b>	-	-
<b>DisplayPort</b>	(1) DisplayPort	(1) DisplayPort
<b>Serial</b>	-	-
<b>USB 2.0</b>	-	-
<b>USB 3.0</b>	(2) USB 3.0 incl. 1 charging port, (1) USB Type-C	(2) USB 3.0 incl. 1 charging port, (1) USB Type-C
<b>RJ-45</b>	(1) RJ-45	(1) RJ-45
<b>Headphone / Mic combo</b>	(1) Headphone / Mic	(1) Headphone / Mic
<b>Types of docking</b>	(1) Docking connector	(1) Docking connector
<b>Secondary battery support</b>	-	-
<b>Multimedia</b>		
<b>Integrated microphone</b>	(1) Integrated microphone	(1) Integrated microphone
<b>Webcam</b>	Optional 720p HD webcam	Optional 720p HD webcam
<b>Audio</b>	Stereo speaker	Stereo speaker
<b>Camera</b>	-	-
<b>Power</b>		
<b>Primary battery</b>	3-cell (48 WHr) Long Life Li-ion	3-cell (48 WHr) Long Life Li-ion
<b>AC adapter</b>	45W Smart AC Adapter, 45W Smart AC Adapter (2 prong), 65W Smart AC Adapter, 65W Smart EM Adapter, 90W Smart AC Adapter	45W Smart AC Adapter, 45W Smart AC Adapter (2 prong), 65W Smart AC Adapter, 65W Smart EM Adapter
<b>Security</b>		
<b>TPM</b>	√	√
<b>HP Fingerprint Sensor</b>	√	√
<b>Security lock slot</b>	√	√
<b>Warranty</b>	Up to 3 years	Up to 3 years
<b>Others</b>		
<b>Operating system</b>	Windows 10 Pro, Windows 10 Home, FreeDOS 2.0	Windows 10 Pro, Windows 10 Home, FreeDOS 2.0
<b>Services</b>	Customer Bios, Custom Image, Asset Tagging, Custom Label, DIB, Hardware Lock	Customer Bios, Custom Image, Asset Tagging, Custom Label, DIB, Hardware Lock

HP ProBook 600 series

HP ProBook 600 G2 (Skylake) also available



	HP ProBook 650 G3	HP ProBook 655 G3
<b>Form factor</b>	Notebook PC	Notebook PC
<b>Dimension (H x D x L) cm</b>	2.74 x 25.70 x 37.8	2.74 x 25.7 x 37.8
<b>System weight</b>	2.31 kg	2.31 kg
<b>Chipset</b>	Integrated SoC	Integrated SoC
<b>Processor</b>	Intel® 7th Gen	AMD PRO A-Series APUs
<b>vPro support</b>	-	-
<b>Graphics</b>	Intel® HD Graphics 620/630, AMD Radeon™ R7 M465X (2 GB GDDR5 dedicated memory)	AMD Radeon™ R5 Graphics
<b>Max memory</b>	Up to 32 GB	Up to 16 GB
<b>Display size</b>	15.6"	15.6"
<b>Resolution</b>	1366 x 768, 1920 x 1080	1366 x 768, 1920 x 1080
<b>Touch display option</b>	√	√
<b>Storage</b>		
<b>Capacity / speed</b>	Up to 1 TB / 5400 rpm	Up to 1 TB / 5400 rpm
<b>SSD</b>	Up to 512 GB	Up to 512 GB
<b>m SATA</b>	-	-
<b>Dual storage</b>	Capable	Capable
<b>ODD</b>	DVD+/-RW SuperMulti DL, DVD-ROM, BD Writer	DVD+/-RW SuperMulti DL, DVD-ROM, BD Writer
<b>Connectivity</b>		
<b>iPass Wi-Fi access</b>	-	-
<b>LAN</b>	10/100/1000 NIC	10/100/1000 NIC
<b>WLAN*</b>	802.11 a/b/g/n/ac (1x1) Wi-Fi® and Bluetooth® 4.2 Combo (non-vPro), 802.11b/g/n (1x1) and Bluetooth® 4.0 Combo (non-vPro), 802.11a/b/g/n/ac (2x2) WiFi and Bluetooth® 4.2 Combo (non-vPro and vPro)	802.11 a/b/g/n/ac (1x1) Wi-Fi® and Bluetooth® 4.2 Combo (non-vPro), 802.11b/g/n (1x1) and Bluetooth® 4.0 Combo (non-vPro), 802.11a/b/g/n/ac (2x2) WiFi and Bluetooth® 4.2 Combo (non-vPro and vPro)
<b>WPAN</b>	Bluetooth® 4.0 supported via Broadcom Realtek, Bluetooth® 4.2 supported via all supported Intel® WLAN modules	Bluetooth® 4.0 supported via Broadcom Realtek, Bluetooth® 4.2 supported via all supported Intel® WLAN modules
<b>WWAN*</b>	HP lt4120 Qualcomm® Snapdragon™ X5 LTE Mobile Broadband Module, HP lt4132 LTE/HSPA+ 4G Mobile Broadband Module, HP hs3210 HSPA+ Mobile Broadband Module	HP lt4120 Qualcomm® Snapdragon™ X5 LTE Mobile Broadband Module, HP lt4132 LTE/HSPA+ 4G Mobile Broadband Module, HP hs3210 HSPA+ Mobile Broadband Module
<b>Input</b>		
<b>Spill-resistant keyboard</b>	√	√
<b>Numeric keypad</b>	-	-
<b>Ports</b>		
<b>VGA</b>	(1) VGA	(1) VGA
<b>HDMI</b>	-	-
<b>DisplayPort</b>	(1) DisplayPort	(1) DisplayPort
<b>Serial</b>	(1) Serial	(1) Serial
<b>USB 2.0</b>	-	-
<b>USB 3.0</b>	(2) USB 3.0 incl. 1 charging port, (1) USB Type-C	(2) USB 3.0 incl. 1 charging port, (1) USB Type-C
<b>RJ-45</b>	(1) RJ-45	(1) RJ-45
<b>Headphone / Mic combo</b>	(1) Headphone / Mic	(1) Headphone / Mic
<b>Types of docking</b>	(1) Docking connector	(1) Docking connector
<b>Secondary battery support</b>	-	-
<b>Multimedia</b>		
<b>Integrated microphone</b>	(1) Integrated microphone	(1) Integrated microphone
<b>Webcam</b>	Optional 720p HD webcam	Optional 720p HD webcam
<b>Audio</b>	Stereo speaker	Stereo speaker
<b>Camera</b>	-	-
<b>Power</b>		
<b>Primary battery</b>	3-cell (48 WHr) Long Life Li-ion	3-cell (48 WHr) Long Life Li-ion
<b>AC adapter</b>	45W Smart AC Adapter, 45W Smart AC Adapter (2 prong), 65W Smart AC Adapter, 65W Smart EM Adapter, 90W Smart AC Adapter	45W Smart AC Adapter, 45W Smart AC Adapter (2 prong), 65W Smart AC Adapter, 65W Smart EM Adapter
<b>Security</b>		
<b>TPM</b>	√	√
<b>HP Fingerprint Sensor</b>	√	√
<b>Security lock slot</b>	√	√
<b>Warranty</b>	Up to 3 years	Up to 3 years
<b>Others</b>		
<b>Operating system</b>	Windows 10 Pro, Windows 10 Home, FreeDOS 2.0	Windows 10 Pro, Windows 10 Home, FreeDOS 2.0
<b>Services</b>	Customer Bios, Custom Image, Asset Tagging, Custom Label, DIB, Hardware Lock	Customer Bios, Custom Image, Asset Tagging, Custom Label, DIB, Hardware Lock

## HP EliteBook 700 series



	HP EliteBook 725 G4	HP EliteBook 745 G4
<b>Form factor</b>	Notebook PC	Notebook PC
<b>Dimension (H x D x L) cm</b>	1.89 x 21.89 x 31.0 (Non-touch), 2.02 x 21.89 x 31.0 (Touch)	1.89 x 23.7 x 33.8 (Non-touch), 2.02 x 23.7 x 33.8 (Touch)
<b>System weight</b>	1.26 kg (Non-touch), 1.38 kg (Touch)	1.48 kg (Non-touch), 1.70 kg (Touch)
<b>Chipset</b>	Integrated SoC	Integrated SoC
<b>Processor</b>	AMD PRO A-Series APUs	AMD PRO A-Series APUs
<b>vPro support</b>	-	-
<b>Graphics</b>	AMD Radeon™ R5/R7 Graphics	AMD Radeon™ R5/R7 Graphics
<b>Max memory</b>	Up to 16 GB	Up to 16 GB
<b>Display size</b>	12.5"	14"
<b>Resolution</b>	1366 x 768, 1920 x 1080	1366 x 768, 1920 x 1080, 2560 x 1440
<b>Touch display option</b>	√	√
<b>Storage</b>		
<b>Capacity / speed</b>	Up to 1 TB / 5400 rpm	Up to 1 TB / 5400 rpm
<b>SSD</b>	Up to 512 GB	Up to 512 GB
<b>m SATA</b>	-	-
<b>Dual storage</b>	Capable	Capable
<b>ODD</b>	External option only	External option only
<b>Connectivity</b>		
<b>iPass Wi-Fi access</b>	-	-
<b>LAN</b>	10/100/1000 NIC	10/100/1000 NIC
<b>WLAN*</b>	802.11 b/g/n (1x1) Wi-Fi + Bluetooth® 4.0 Combo, 802.11 a/b/g/n/ac (1x1) Wi-Fi + Bluetooth® 4.2 Combo, 802.11 a/b/g/n/ac (2x2) Wi-Fi + Bluetooth® 4.2 Combo (non-vPro™)	802.11 b/g/n (1x1) Wi-Fi + Bluetooth® 4.0 Combo, 802.11 a/b/g/n/ac (1x1) Wi-Fi + Bluetooth® 4.2 Combo, 802.11 a/b/g/n/ac (2x2) Wi-Fi + Bluetooth® 4.2 Combo (non-vPro™)
<b>WPAN</b>	-	-
<b>WWAN*</b>	HP lt4120 Qualcomm® Snapdragon™ X5 LTE Mobile Broadband Module, HP lt4132 LTE/HSPA+ 4G Mobile Broadband Module, HP hs3210 WW HSP with GPS Mobile Broadband	HP lt4120 Qualcomm® Snapdragon™ X5 LTE Mobile Broadband Module, HP lt4132 LTE/HSPA+ 4G Mobile Broadband Module, HP hs3210 WW HSP with GPS Mobile Broadband
<b>Input</b>		
<b>Spill-resistant keyboard</b>	√	√
<b>Numeric keypad</b>	-	-
<b>Ports</b>		
<b>VGA</b>	(1) VGA	(1) VGA
<b>HDMI</b>	-	-
<b>DisplayPort</b>	(1) DisplayPort	(1) DisplayPort
<b>Serial</b>	-	-
<b>USB 2.0</b>	-	-
<b>USB 3.0</b>	(2) USB 3.1 incl. 1 charging port, (1) USB Type-C (Basic)	(2) USB 3.1 incl. 1 charging port, (1) USB Type-C (Basic)
<b>RJ-45</b>	(1) RJ-45	(1) RJ-45
<b>Headphone / Mic combo</b>	(1) Headphone / Mic	(1) Headphone / Mic
<b>Types of docking</b>	(1) Docking connector	(1) Docking connector
<b>Secondary battery support</b>	-	-
<b>Multimedia</b>		
<b>Integrated microphone</b>	(1) Integrated microphone	(1) Integrated microphone
<b>Webcam</b>	Optional 720p HD webcam	Optional 720p HD webcam
<b>Audio</b>	Audio by Bang & Olufsen, Digital Microphones (Dual Array), 2 Premium Stereo Speakers	Audio by Bang & Olufsen, Digital Microphones (Dual Array), 2 Premium Stereo Speakers
<b>Camera</b>	-	-
<b>Power</b>		
<b>Primary battery</b>	3-cell (44 WHr) Long Life Li-ion, 3-cell (49 WHr) Long Life Li-ion (Supports HP Fast Charging)	3-cell (46 WHr) Long Life Li-ion, 3-cell (51 WHr) Long Life Li-ion (Supports HP Fast Charging)
<b>AC adapter</b>	45W Smart AC Adapter, 45W 2-prong DC jack AC Adapter, 65W Smart AC Adapter (Supports HP Fast Charging), 65W Smart AC Adapter EM (Supports HP Fast Charging)	45W Smart AC Adapter, 45W 2-prong DC jack AC Adapter, 65W Smart AC Adapter (Supports HP Fast Charging), 65W Smart AC Adapter EM (Supports HP Fast Charging)
<b>Security</b>		
<b>TPM</b>	√	√
<b>HP Fingerprint Sensor</b>	√	√
<b>Security lock slot</b>	√	√
<b>Warranty</b>	Up to 3 years	Up to 3 years
<b>Others</b>		
<b>Operating system</b>	Windows 10 Pro, Windows 10 Home, FreeDOS 2.0	Windows 10 Pro, Windows 10 Home, FreeDOS 2.0
<b>Services</b>	Customer Bios, Custom Image, Asset Tagging, Custom Label, DIB, Hardware Lock	Customer Bios, Custom Image, Asset Tagging, Custom Label, DIB, Hardware Lock

## HP EliteBook 700 series



	HP EliteBook 755 G4
<b>Form factor</b>	Notebook PC
<b>Dimension (H x D x L) cm</b>	1.94 x 25.77 x 38.36 (Non-touch), 2.08 x 25.77 x 38.36 (Touch)
<b>System weight</b>	1.84 kg (Non-touch), 2.06 kg (Touch)
<b>Chipset</b>	Integrated SoC
<b>Processor</b>	AMD PRO A-Series APUs
<b>vPro support</b>	-
<b>Graphics</b>	AMD Radeon™ R5/R7 Graphics
<b>Max memory</b>	Up to 16 GB
<b>Display size</b>	15.6"
<b>Resolution</b>	1366 x 768, 1920 x 1080
<b>Touch display option</b>	√
<b>Storage</b>	
<b>Capacity / speed</b>	Up to 1 TB / 5400 rpm
<b>SSD</b>	Up to 512 GB
<b>m SATA</b>	-
<b>Dual storage</b>	Capable
<b>ODD</b>	External option only
<b>Connectivity</b>	
<b>iPass Wi-Fi access</b>	-
<b>LAN</b>	10/100/1000 NIC
<b>WLAN*</b>	802.11 b/g/n (1x1) Wi-Fi + Bluetooth® 4.0 Combo, 802.11 a/b/g/n/ac (1x1) Wi-Fi + Bluetooth® 4.2 Combo, 802.11 a/b/g/n/ac (2x2) Wi-Fi + Bluetooth® 4.2 Combo (non-vPro™)
<b>WPAN</b>	-
<b>WWAN*</b>	HP lt4120 Qualcomm® Snapdragon™ X5 LTE Mobile Broadband Module, HP lt4132 LTE/HSPA+ 4G Mobile Broadband Module, HP hs3210 WW HSP with GPS Mobile Broadband
<b>Input</b>	
<b>Spill-resistant keyboard</b>	√
<b>Numeric keypad</b>	-
<b>Ports</b>	
<b>VGA</b>	(1) VGA
<b>HDMI</b>	-
<b>DisplayPort</b>	(1) DisplayPort
<b>Serial</b>	-
<b>USB 2.0</b>	-
<b>USB 3.0</b>	(2) USB 3.1 incl. 1 charging port, (1) USB Type-C (Basic)
<b>RJ-45</b>	(1) RJ-45
<b>Headphone / Mic combo</b>	(1) Headphone / Mic
<b>Types of docking</b>	(1) Docking connector
<b>Secondary battery support</b>	-
<b>Multimedia</b>	
<b>Integrated microphone</b>	(1) Integrated microphone
<b>Webcam</b>	Optional 720p HD webcam
<b>Audio</b>	Audio by Bang & Olufsen, Digital Microphones (Dual Array), 2 Premium Stereo Speakers
<b>Camera</b>	-
<b>Power</b>	
<b>Primary battery</b>	3-cell (46 WHr) Long Life Li-ion, 3-cell (51 WHr) Long Life Li-ion (Supports HP Fast Charging)
<b>AC adapter</b>	45W Smart AC Adapter, 45W 2-prong DC jack AC Adapter, 65W Smart AC Adapter (Supports HP Fast Charging), 65W Smart AC Adapter EM (Supports HP Fast Charging)
<b>Security</b>	
<b>TPM</b>	√
<b>HP Fingerprint Sensor</b>	√
<b>Security lock slot</b>	√
<b>Warranty</b>	Up to 3 years
<b>Others</b>	
<b>Operating system</b>	Windows 10 Pro, Windows 10 Home, FreeDOS 2.0
<b>Services</b>	Customer Bios, Custom Image, Asset Tagging, Custom Label, DIB, Hardware Lock

HP EliteBook series

HP EliteBook 800 G3 (Skylake) also available



	HP EliteBook 820 G4	HP EliteBook 840 G4
<b>Form factor</b>	Notebook PC	Notebook PC
<b>Dimension (H x D x L) cm</b>	1.89 x 21.89 x 31	1.89 x 23.7 x 33.8
<b>System weight</b>	1.26 kg	1.48 kg
<b>Chipset</b>	Integrated SoC	Integrated SoC
<b>Processor</b>	Intel® 7th Gen	Intel® 7th Gen
<b>vPro support</b>	Selected processors only	Selected processors only
<b>Graphics</b>	Intel® HD Graphics 620	Intel® HD Graphics 620
<b>Max memory</b>	Up to 32 GB	Up to 32 GB
<b>Display size</b>	12.5"	14.0"
<b>Resolution</b>	1366 x 768, 1920 x 1080	1366 x 768, 1920 x 1080, 2560 x 1440
<b>Touch display option</b>	√	-
<b>Storage</b>		
<b>Capacity / speed</b>	Up to 1 TB / 5400 rpm	Up to 1 TB / 5400 rpm
<b>SSD</b>	Up to 1 TB PCIe	Up to 1 TB PCIe
<b>m SATA</b>	-	-
<b>Dual storage</b>	-	√
<b>ODD</b>	External option only	External option only
<b>Connectivity</b>		
<b>iPass Wi-Fi access</b>	√	√
<b>LAN</b>	10/100/1000 NIC	10/100/1000 NIC
<b>WLAN*</b>	802.11 a/b/g/n/ac (2x2) WiFi and Bluetooth® 4.2 combo (vPro and non-vPro), 802.11 a/b/g/n/ac (1x1) WiFi and Bluetooth® 4.2 combo (non-vPro)	802.11 a/b/g/n/ac (2x2) WiFi and Bluetooth® 4.2 combo (vPro and non-vPro), 802.11 a/b/g/n/ac (1x1) WiFi and Bluetooth® 4.2 combo (non-vPro)
<b>WPAN</b>	Bluetooth® 4.2	Bluetooth® 4.2
<b>WWAN*</b>	HP lt4120 Qualcomm® Snapdragon™ X5 LTE Mobile Broadband Module, HP lt4132 LTE/HSPA+ 4G Mobile Broadband Module, HP hs3210 WW HSPA+ with GPS Mobile Broadband	-
<b>Input</b>		
<b>Spill-resistant keyboard</b>	√	-
<b>Numeric keypad</b>	-	-
<b>Ports</b>		
<b>VGA</b>	(1) VGA	(1) VGA
<b>HDMI</b>	-	-
<b>DisplayPort</b>	(1) DisplayPort 1.2	(1) DisplayPort 1.2
<b>Serial</b>	-	-
<b>USB 2.0</b>	-	-
<b>USB 3.0</b>	(2) USB 3.1 incl. 1 charging port, (1) USB Type-C	(2) USB 3.1 incl. 1 charging port, (1) USB Type-C
<b>RJ-45</b>	(1) RJ-45	(1) RJ-45
<b>Headphone / Mic combo</b>	(1) Headphone / Mic	(1) Headphone / Mic
<b>Types of docking</b>	(1) Docking connector	(1) Docking connector
<b>Secondary battery support</b>	-	-
<b>Multimedia</b>		
<b>Integrated microphone</b>	(1) Integrated microphone	(1) Integrated microphone
<b>Webcam</b>	Optional 720p HD webcam	Optional 720p HD webcam
<b>Audio</b>	Audio by Bang & Olufsen	Audio by Bang & Olufsen
<b>Camera</b>	-	-
<b>Power</b>		
<b>Primary battery</b>	3-cell (49 Whr) Long Life Li-ion	3-cell (51 Whr) Long Life Li-ion
<b>AC adapter</b>	45W Smart AC Adapter, 45W 2-prong DC jack AC Adapter, 65W Smart AC Adapter	45W Smart AC Adapter, 45W 2-prong DC jack AC Adapter, 65W Smart AC Adapter
<b>Security</b>		
<b>TPM</b>	√	√
<b>HP Fingerprint Sensor</b>	Optional	Optional
<b>Security lock slot</b>	√	√
<b>Warranty</b>	Up to 3 years	Up to 3 years
<b>Others</b>		
<b>Operating system</b>	Windows 10 Pro, Windows 10 Home, FreeDOS 2.0	Windows 10 Pro, Windows 10 Home, FreeDOS 2.0
<b>Services</b>	Customer Bios, Custom Image, Asset Tagging, Custom Label, DIB, Hardware Lock	Customer Bios, Custom Image, Asset Tagging, Custom Label, DIB, Hardware Lock

HP EliteBook series

HP EliteBook 800 G3 (Skylake) also available



	HP EliteBook 850 G4	HP EliteBook Folio G1
<b>Form factor</b>	Notebook PC	Notebook PC
<b>Dimension (H x D x L) cm</b>	1.94 x 25.77 x 38.36 (Non-Touch), 2.08 x 25.77 x 38.36 (Touch)	1.19 x 20.9 x 29.2 (Non-Touch), 1.24 x 20.9 x 29.2 (Touch)
<b>System weight</b>	1.84 kg (Non-touch), 2.06 kg (Touch)	< 1 kg (Non-touch)
<b>Chipset</b>	Integrated SoC	Integrated SoC
<b>Processor</b>	Intel® 7th Gen	Intel® 6th Gen Core M
<b>vPro support</b>	Selected processors only	Selected processors only
<b>Graphics</b>	Intel® HD Graphics 620	Intel® HD Graphics 515
<b>Max memory</b>	Up to 32 GB	Up to 8 GB
<b>Display size</b>	15.6"	12.5"
<b>Resolution</b>	1366 x 768, 1920 x 1080, 3840 x 2160	1920 x 1080, 3840 x 2160
<b>Touch display option</b>	√	√
<b>Storage</b>		
<b>Capacity / speed</b>	Up to 1 TB / 5400 rpm	-
<b>SSD</b>	Up to 1 TB PCIe	Up to 512 GB
<b>m SATA</b>	-	-
<b>Dual storage</b>	√	-
<b>ODD</b>	External option only	-
<b>Connectivity</b>		
<b>iPass Wi-Fi access</b>	√	√
<b>LAN</b>	10/100/1000 NIC	Available via optional external adapter
<b>WLAN*</b>	802.11 a/b/g/n/ac (2x2) WiFi and Bluetooth® 4.2 combo (vPro and non-vPro), 802.11 a/b/g/n/ac (1x1) WiFi and Bluetooth® 4.2 combo (non-vPro)	802.11 a/b/g/n/ac (2x2) + Bluetooth® 4.2 combo
<b>WPAN</b>	Bluetooth® 4.2	Bluetooth® 4.2
<b>WWAN*</b>	HP lt4120 Qualcomm® Snapdragon™ X5 LTE Mobile Broadband Module, HP hs3110 HSPA+ Mobile Broadband	-
<b>Input</b>		
<b>Spill-resistant keyboard</b>	√	-
<b>Numeric keypad</b>	√	-
<b>Ports</b>		
<b>VGA</b>	(1) VGA	-
<b>HDMI</b>	-	-
<b>DisplayPort</b>	(1) DisplayPort 1.2	-
<b>Serial</b>	-	-
<b>USB 2.0</b>	-	-
<b>USB 3.0</b>	(2) USB 3.1 incl. 1 charging port, (1) USB Type-C	(2) USB Type-C
<b>RJ-45</b>	(1) RJ-45	Available via optional external adapter
<b>Headphone / Mic combo</b>	(1) Headphone / Mic	(1) Headphone / Mic
<b>Types of docking</b>	(1) Docking connector	-
<b>Secondary battery support</b>	-	-
<b>Multimedia</b>		
<b>Integrated microphone</b>	(1) Integrated microphone	(1) Integrated microphone
<b>Webcam</b>	Optional 720p HD webcam	720p HD webcam
<b>Audio</b>	Audio by Bang & Olufsen	Audio by Bang & Olufsen
<b>Camera</b>	-	-
<b>Power</b>		
<b>Primary battery</b>	3-cell (51 Whr) Long Life Li-ion	4-cell (38 Whr) Long Life Polymer
<b>AC adapter</b>	45W Smart AC Adapter, 45W 2-prong DC jack AC Adapter, 65W Smart AC Adapter	45W Smart USB Type-C™ AC adapter
<b>Security</b>		
<b>TPM</b>	√	√
<b>HP Fingerprint Sensor</b>	Optional	-
<b>Security lock slot</b>	√	-
<b>Warranty</b>	Up to 3 years	1 year
<b>Others</b>		
<b>Operating system</b>	Windows 10 Pro, Windows 10 Home, FreeDOS 2.0	Windows 10 Pro, Windows 10 Home
<b>Services</b>	Customer Bios, Custom Image, Asset Tagging, Custom Label, DIB, Hardware Lock	Customer Bios, Custom Image, Asset Tagging, Custom Label, DIB, Hardware Lock

HP EliteBook series



	HP EliteBook x360 1030 G2	HP EliteBook 1040 G3
<b>Form factor</b>	Notebook PC	Notebook PC
<b>Dimension (H x D x L) cm</b>	1.49 x 21.85 x 31.69	1.58 x 23.45 x 33.7 cm (Non-touch), 1.65 x 23.45 x 33.7 cm (Touch)
<b>System weight</b>	1.28 kg	1.43 kg
<b>Chipset</b>	Integrated SoC	Integrated SoC
<b>Processor</b>	Intel® 7th Gen	Intel® 6th Gen
<b>vPro support</b>	Selected processors only	Selected processors only
<b>Graphics</b>	Intel® HD Graphics 620	Intel® HD Graphics 520
<b>Max memory</b>	Up to 16 GB	Up to 16 GB
<b>Display size</b>	13.3"	14.0"
<b>Resolution</b>	1920 x 1080, 3840 x 2160	1920 x 1080, 2560 x 1440
<b>Touch display option</b>	√	√
<b>Storage</b>		
<b>Capacity / speed</b>	-	-
<b>SSD</b>	Up to 512 GB	Up to 512 GB
<b>m SATA</b>	-	-
<b>Dual storage</b>	√	-
<b>ODD</b>	External option only	External option only
<b>Connectivity</b>		
<b>iPass Wi-Fi access</b>	√	√
<b>LAN</b>	Available via optional external adapter	Available via optional external adapter
<b>WLAN*</b>	802.11a/b/g/n/ac (2x2) + Bluetooth® 4.2 Combo	802.11a/b/g/n/ac (2x2) + Bluetooth® 4.2 combo
<b>WPAN</b>	Bluetooth® 4.2	Bluetooth® 4.2
<b>WWAN*</b>	HP lt4132 LTE/HSPA+ 4G Mobile Broadband, HP hs3210 HSPA Mobile Broadband	HP lt4120 Qualcomm® Snapdragon™ X5 LTE Mobile Broadband Module, HP hs3110 HSPA+ Mobile Broadband
<b>Input</b>		
<b>Spill-resistant keyboard</b>	√	√
<b>Numeric keypad</b>	-	-
<b>Ports</b>		
<b>VGA</b>	Available via optional external adapter	Available via optional external adapter
<b>HDMI</b>	(1) HDMI	(1) HDMI
<b>DisplayPort</b>	-	-
<b>Serial</b>	-	-
<b>USB 2.0</b>	-	-
<b>USB 3.0</b>	(2) USB 3.1 charging ports, (1) USB Type-C charging Port	(2) USB 3.0 charging ports, (1) USB Type-C charging Port
<b>RJ-45</b>	Available via optional external adapter	Available via optional external adapter
<b>Headphone / Mic combo</b>	(1) Headphone / Mic	(1) Headphone / Mic
<b>Types of docking</b>	-	(1) Docking connector
<b>Secondary battery support</b>	-	-
<b>Multimedia</b>		
<b>Integrated microphone</b>	(1) Integrated microphone	(1) Integrated microphone
<b>Webcam</b>	720p HD webcam	Optional 720p HD webcam
<b>Audio</b>	Audio by Bang & Olufsen	Audio by Bang & Olufsen
<b>Camera</b>	-	-
<b>Power</b>		
<b>Primary battery</b>	3-cell (57 WHr) Long Life Li-ion	6-cell (45.6 WHr) Long Life Polymer
<b>AC adapter</b>	65W Smart AC adapter, 65W EM Smart AC adapter, 65W Smart USB Type-C™ AC adapter	45W Smart AC adapter, 45W Smart AC adapter 2-prong (Japan only), 65W Smart EM AC adapter (PRC and India only), 65W Slim AC adapter (Australia and Japan only)
<b>Security</b>		
<b>TPM</b>	√	√
<b>HP Fingerprint Sensor</b>	√	√
<b>Security lock slot</b>	√	-
<b>Warranty</b>	Up to 3 years	1 year
<b>Others</b>		
<b>Operating system</b>	Windows 10 Pro, Windows 10 Home, FreeDOS 2.0	Windows 10 Pro, Windows 10 Home, Windows 7 Pro, FreeDOS 2.
<b>Services</b>	Customer Bios, Custom Image, Asset Tagging, Custom Label, DIB, Hardware Lock	Customer Bios, Custom Image, Asset Tagging, Custom Label, DIB, Hardware Lock

HP Detachables



	HP x2 210 G2	HP Pro x2 612 G2	HP Elite x2 1012 G2
<b>Form factor</b>	Detachable	Detachable	Detachable
<b>Dimension (H x D x L) cm</b>	Tablet only: 0.92 x 17.3 x 26.5 With keyboard: 1.83 x 18.3 x 26.5	Tablet only: 0.91 x 21.93 x 30.0 With keyboard: 1.46 x 21.93 x 30.0	Tablet only: 0.8 x 21.4 x 30 With travel keyboard: 1.35 x 22 x 30
<b>System weight</b>	Tablet: 583 g With Keyboard: 1.2 kg	Tablet only: 850 g, With keyboard: 1203 g	Tablet: 0.8 kg, With Travel Keyboard: 1.15 kg, With Advanced Keyboard: 1.33 kg
<b>Chipset</b>	Integrated SoC	Integrated SoC	Integrated SoC
<b>Processor</b>	Intel® Atom x5	Intel® 7th Gen Y Processors	Intel® 7th Gen U Processors
<b>vPro support</b>	-	Selected processors only	Selected processors only
<b>Graphics</b>	Intel® HD Graphics	Intel® HD Graphics 615	Intel® HD Graphics 620
<b>Max memory</b>	Up to 4 GB	Up to 8 GB	Up to 16 GB
<b>Display size</b>	10.1"	12"	12.3"
<b>Resolution</b>	1280 x 800	1920 x 1080	2736 x 1824
<b>Touch display option</b>	√	√	√
<b>Storage</b>			
<b>Capacity / speed</b>	-	-	-
<b>SSD</b>	Up to 32 GB eMMC	Up to 32 GB eMMC	16 GB eMMC or 32 GB M.2
<b>m SATA</b>	-	-	-
<b>Dual storage</b>	-	-	-
<b>ODD</b>	-	-	-
<b>Connectivity</b>			
<b>iPass Wi-Fi access</b>	-	-	-
<b>LAN</b>	-	-	-
<b>WLAN*</b>	802.11a/b/g/n/ac (2x2) WiFi + Bluetooth® 4.2 Combo	802.11a/b/g/n/ac (2x2) WiFi and Bluetooth® 4.2 Combo	802.11ac (2x2) WiFi + Bluetooth® 4.0 combo Adapter, 802.11a/b/g/n (2x2) WiFi + Bluetooth® 4.0 combo
<b>WPAN</b>	Bluetooth® 4.2	Bluetooth® 4.2	Bluetooth® 4.0
<b>WWAN*</b>	-	-	-
<b>Input</b>			
<b>Spill-resistant keyboard</b>	-	√	-
<b>Numeric keypad</b>	-	-	-
<b>Ports</b>			
<b>VGA</b>	Available via optional external adapter	Available via optional external adapter	-
<b>HDMI</b>	(1) HDMI	(1) HDMI	(1) HDMI
<b>DisplayPort</b>	-	-	-
<b>Serial</b>	-	-	-
<b>USB 2.0</b>	-	-	(2) USB 2.0
<b>USB 3.0</b>	(2) USB 3.0	(2) USB 3.0	(1) USB 3.0
<b>RJ-45</b>	-	-	-
<b>Headphone / Mic combo</b>	(1) Headphone / Mic	(1) Headphone / Mic	(1) Headphone / Mic
<b>Types of docking</b>	-	-	-
<b>Secondary battery support</b>	-	-	-
<b>Multimedia</b>			
<b>Integrated microphone</b>	-	-	(1) Integrated digital microphone
<b>Webcam</b>	HD webcam	HD webcam	HD webcam
<b>Audio</b>	HD audio	Dual speakers	Stereo speakers
<b>Camera</b>	-	-	-
<b>Power</b>			
<b>Primary battery</b>	2-cell (43.7 WHr) Long Life Li-ion	3-cell (44 WHr) Li-ion	3-cell (37 WHr) Li-ion
<b>AC adapter</b>	45W Smart AC Adapter, 65W EM Smart AC Adapter (India only)	45W Smart AC Adapter, 65W EM Smart AC Adapter	45W Smart AC adapter, 65W EM Smart AC adapter (China and India only)
<b>Security</b>			
<b>TPM</b>	√	√	√
<b>HP Fingerprint Sensor</b>	-	-	-
<b>Security lock slot</b>	√	√	-
<b>Warranty</b>	1 year	1 year	Up to 1 year
<b>Others</b>			
<b>Operating system</b>	Chrome OSTM	Chrome OSTM	Chrome OSTM
<b>Services</b>	Asset Tagging, Custom Label	Asset Tagging, Custom Label	Asset Tagging, Custom Label

## HP Tablets



	HP Elite x3
<b>Form factor</b>	Next Gen Computer
<b>Dimension (H x D x L) cm</b>	8.35 x 0.78 x 16.18
<b>System weight</b>	195 g
<b>Chipset</b>	Integrated SoC
<b>Processor</b>	Qualcomm® Snapdragon 820
<b>vPro support</b>	-
<b>Graphics</b>	Qualcomm® Adreno 530
<b>Max memory</b>	4 GB
<b>Display size</b>	5.96"
<b>Resolution</b>	2560 x 1440 AMOLED
<b>Touch display option</b>	√
<b>Storage</b>	
<b>Capacity / speed</b>	-
<b>SSD</b>	64 GB eMMC
<b>m SATA</b>	-
<b>Dual storage</b>	-
<b>ODD</b>	-
<b>Connectivity</b>	
<b>iPass Wi-Fi access</b>	√
<b>LAN</b>	10/100/1000 via desk dock
<b>WLAN*</b>	802.11a/b/g/n/ac (2x2) WiFi + Bluetooth® 4.0 LE combo
<b>WPAN</b>	Bluetooth® 4.0
<b>WWAN*</b>	2G/3G/4G, LTE-A with carrier aggregation
<b>Input</b>	
<b>Spill-resistant keyboard</b>	-
<b>Numeric keypad</b>	-
<b>Ports</b>	
<b>VGA</b>	Available via optional external adapter
<b>HDMI</b>	Available via optional external adapter
<b>DisplayPort</b>	Available via optional external adapter
<b>Serial</b>	-
<b>USB 2.0</b>	-
<b>USB 3.0</b>	(1) USB Type-C
<b>RJ-45</b>	Available via optional desk dock
<b>Headphone / Mic combo</b>	(1) Headphone / Mic
<b>Types of docking</b>	(1) Desk Dock (2) Lap Dock
<b>Secondary battery support</b>	-
<b>Multimedia</b>	
<b>Integrated microphone</b>	(3) Integrated microphones
<b>Webcam</b>	8 MP Front 16 MP Rear 2.4MP IRIS camera
<b>Audio</b>	Audio by B&O
<b>Camera</b>	16 MP FHD rear-facing, 8 MP FHD front facing camera
<b>Power</b>	
<b>Primary battery</b>	Non-removable 3.85V battery pack, 4150 mAh Li-ion polymer
<b>AC adapter</b>	10W 5V/2A adapter
<b>Security</b>	
<b>TPM</b>	√
<b>HP Fingerprint Sensor</b>	√
<b>Security lock slot</b>	-
<b>Warranty</b>	Up to 2 years
<b>Others</b>	
<b>Operating system</b>	Windows 10 Mobile
<b>Services</b>	Asset Tagging, Custom Label, DIB Accessories

## HP Chromebooks



	HP Chromebook 11 G5	HP Chromebook 11 G5 EE	HP Chromebook 14 G4
<b>Form factor</b>	Chromebook	Chromebook	Chromebook
<b>Dimension (H x D x L) cm</b>	1.84 x 20.5 x 28.6	2.04 x 20.67 x 30	1.78 x 24 x 34.4
<b>System weight</b>	1.14 kg (Non-touch), 1.19 kg (Touch)	1.23 kg (Non-touch), 1.29 kg (Touch)	1.71 kg
<b>Chipset</b>	Integrated SoC	Integrated SoC	Integrated SoC
<b>Processor</b>	Intel® Celeron	Intel® Celeron	Intel® Celeron
<b>vPro support</b>	-	-	-
<b>Graphics</b>	Intel® HD Graphics	Intel® HD Graphics 400	Intel® HD Graphics
<b>Max memory</b>	Up to 4 GB	Up to 4 GB	4 GB
<b>Display size</b>	11.6"	11.6"	14.0"
<b>Resolution</b>	1366 x 768	1366 x 768	"1366 x 768, 1920 x 1080"
<b>Touch display option</b>	√	√	-
<b>Storage</b>			
<b>Capacity / speed</b>	-	-	-
<b>SSD</b>	Up to 128 GB	Up to 512 GB	Up to 1TB
<b>m SATA</b>	-	-	-
<b>Dual storage</b>	-	-	-
<b>ODD</b>	-	-	-
<b>Connectivity</b>			
<b>iPass Wi-Fi access</b>	√	√	√
<b>LAN</b>	-	-	-
<b>WLAN*</b>	802.11 a/b/g/n/ac (2x2) + Bluetooth® 4.0 combo	802.11 a/b/g/n/ac (2x2) + Bluetooth® 4.2 combo	802.11a/b/g/n/ac (2x2) WiFi + Bluetooth® 4.2 combo, 802.11a/b/g/n/ac (2x2) + Bluetooth® 4.2 + WiGig combo (optional)
<b>WPAN</b>	Bluetooth® 4.2	Bluetooth® 4.2	Bluetooth® 4.2
<b>WWAN*</b>	-	HP hs3210 HSPA+ Mobile Broadband Module; HP lt4132 LTE/HSPA+ 4G Mobile Broadband Module; HP lt4120 Qualcomm® Snapdragon™ X5 LTE Mobile Broadband Module	HP hs3210 WW HSPA+ Mobile Broadband, HP lt4132 LTE/HSPA+ 4G Mobile Broadband, HP lt4226 LTE/HSPA+ Qualcomm® Gobi™ 4G Module, HP lt4225 LTE/EV-DO Qualcomm® Gobi™4 G Module
<b>Input</b>			
<b>Spill-resistant keyboard</b>	-	√	√
<b>Numeric keypad</b>	-	-	-
<b>Ports</b>			
<b>VGA</b>	Available via optional external adapter	Available via optional external adapter	Available via optional external adapter
<b>HDMI</b>	(1) Micro HDMI	Available via optional external adapter	Available via optional external adapter
<b>DisplayPort</b>	Available via optional external adapter	Available via optional external adapter	Available via optional external adapter
<b>Serial</b>	-	-	-
<b>USB 2.0</b>	-	-	-
<b>USB 3.0</b>	(1) USB 3.0 (1) USB Type-C	(1) USB 3.0 (1) USB Type-C with alt mode	(1) USB 3.1 Type C with Thunderbolt (1) USB 3.0
<b>RJ-45</b>	Available via optional external adapter	Available via optional external adapter	Available via optional external adapter
<b>Headphone / Mic combo</b>	(1) Headphone / Mic	(1) Headphone / Mic	(1) Headphone / Mic
<b>Types of docking</b>	-	Wired dock via USB Type-C	(1) Wireless dock, (2) Wired dock via USB Type-C with Thunderbolt
<b>Secondary battery support</b>	-	-	-
<b>Multimedia</b>			
<b>Integrated microphone</b>	(1) Integrated microphone	(1) Integrated microphone	(1) Integrated microphone
<b>Webcam</b>	720p HD front-facing webcam	5 MP Front 8 MP Rear	5 MP Front 8 MP Rear
<b>Audio</b>	DTS Audio	Integrated stereo speakers	Audio by Bang & Olufsen
<b>Camera</b>	5 MP rear-facing	8MP with flash LED	8MP with flash LED Optional IR front camera for face recognition
<b>Power</b>			
<b>Primary battery</b>	2-cell (32.5 WHr) Li-ion polymer	4-cell (41 WHr) Long Life Li-ion	4-cell (47 WHr) Long Life Li-ion
<b>AC adapter</b>	45W AC charging adapter with USB Type-C connector	HP 45 W USB Type-C™ AC adapter; HP 65 W USB Type-C™ AC adapter	45 W USB Type-C™ AC adapter, 65 W USB Type-C™ AC adapter
<b>Security</b>			
<b>TPM</b>	√	√	√
<b>HP Fingerprint Sensor</b>	-	Optional	Optional
<b>Security lock slot</b>	-	√	√
<b>Warranty</b>	1 year	Up to 3 years	Up to 3 years
<b>Others</b>			
<b>Operating system</b>	Windows 10 Pro, Windows 10 Home	Windows 10 Pro, Windows 10 Home*	Windows 10 Pro, Windows 10 Home
<b>Services</b>	Custom Image, Asset Tagging, Custom Label, DIB	Customer Bios, Custom Image, Asset Tagging, Custom Label, DIB, Hardware Lock*	Customer Bios, Custom Image, Asset Tagging, Custom Label, DIB, Hardware Lock



\* Wireless access point and internet access required. Availability of public wireless access points limited. The specifications for the 802.11ac WLAN are draft specifications 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 802.11ac WLAN devices.  
+ WWAN is an optional feature sold separately or as an add on feature. WWAN connection requires wireless data service contract, network support, and is not available in all areas. Contact service provider to determine the coverage area and availability. Connection speeds will vary due to location, environment, network conditions, and other factors. 4G LTE not available on all products, in all regions and only available on products featuring Intel® processors.

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