

BNB Quick Reference Guide

HP Business Notebooks



	HP EliteBook series								HP Detachables			HP Tablets	HP Chromebooks			
	HP EliteBook 800 G3 (Skylake) also available															
	HP EliteBook 820 G4	HP EliteBook 840 G4	HP EliteBook 850 G4	HP EliteBook Folio G1	HP EliteBook x360 1020 G2	HP EliteBook x360 1030 G2	HP EliteBook 1040 G3	HP EliteBook 1040 G4	HP x2 210 G2	HP Pro x2 612 G2	HP Elite x2 1012 G2	HP Elite x3	HP Chromebook 11 G5	HP Chromebook 11 G5 EE	HP Chromebook 14 G4	
Form factor	Notebook PC	Notebook PC	Notebook PC	Notebook PC	Notebook PC	Notebook PC	Notebook PC	Notebook PC	Detachable	Detachable	Detachable	Next Gen Computer	Chromebook	Chromebook	Chromebook	
Dimension (H x D x L) cm	1.89 x 21.89 x 31	1.89 x 23.7 x 33.8	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)	1.39 x 20.38 x 29	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)	1.59 x 23.28 x 32.89	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	8.35 x 0.78 x 16.18	1.84 x 20.5 x 28.6	2.04 x 20.67 x 30	1.78 x 24 x 34.4	
System weight	1.26 kg	1.48 kg	1.84 kg (Non-touch), 2.06 kg (Touch)	< 1 kg (Non-touch)	1.13 kg	1.28 kg	1.43 kg	1.35 kg	Tablet: 0.58 kg With Keyboard: 1.2 kg	Tablet only: 0.85 kg, With keyboard: 1.2 kg	Tablet: 0.8 kg, With Travel Keyboard: 1.15 kg, With Advanced Keyboard: 1.33 kg	195 g	1.14 kg (Non-touch), 1.19 kg (Touch)	1.23 kg (Non-touch), 1.29 kg (Touch)	1.71 kg	
Chipset	Integrated SoC	Integrated SoC	Integrated SoC	Integrated SoC	Integrated SoC	Integrated SoC	Integrated SoC	Integrated SoC	Integrated SoC	Integrated SoC	Integrated SoC	Integrated SoC	Integrated SoC	Integrated SoC	Integrated SoC	
Processor	Intel® 7th Gen	Intel® 7th Gen	Intel® 7th Gen	Intel® 6th Gen Core M	Intel® 7th Gen	Intel® 7th Gen	Intel® 7th Gen	Intel® 7th Gen	Intel® Atom x5	Intel® 7th Gen	Intel® 7th Gen	Intel® 7th Gen Y Processors	Qualcomm® Snapdragon 820	Intel® Celeron	Intel® Celeron	
vPro support	Selected processors only	Selected processors only	Selected processors only	Selected processors only	Selected processors only	Selected processors only	Selected processors only	Selected processors only	-	Selected processors only	Selected processors only	-	-	-	-	
Graphics	Intel® HD Graphics 620	Intel® HD Graphics 620	Intel® HD Graphics 620	Intel® HD Graphics 515	Intel® HD Graphics 620	Intel® HD Graphics 620	Intel® HD Graphics 520	Intel® HD Graphics 630	Intel® HD Graphics	Intel® HD Graphics 615	Intel® HD Graphics 620	Qualcomm® Adreno 530	Intel® HD Graphics	Intel® HD Graphics 400	Intel® HD Graphics	
Max memory	Up to 32 GB	Up to 32 GB	Up to 32 GB	Up to 8 GB	Up to 16 GB	Up to 16 GB	Up to 16 GB	Up to 16 GB	Up to 4 GB	Up to 8 GB	Up to 16 GB	4 GB	Up to 4 GB	Up to 4 GB	4 GB	
Display size	12.5"	14.0"	15.6"	12.5"	12.5"	13.3"	14.0"	14.0"	10.1"	12"	12.3"	5.96"	11.6"	11.6"	14.0"	
Resolution	1366 x 768, 1920 x 1080	1366 x 768, 1920 x 1080, 2560 x 1440	1366 x 768, 1920 x 1080, 2560 x 1440	1920 x 1080, 3840 x 2160	1920 x 1080, 3840 x 2160	1920 x 1080, 3840 x 2160	1920 x 1080, 2560 x 1440	1920 x 1080, 3840 x 2160	1280 x 800	1920 x 1080	2736 x 1824	2560 x 1440 AMOLED	1366 x 768	1366 x 768	1366 x 768, 1920 x 1080	
Touch display option	√	-	√	√	√	√	√	√	√	√	√	√	√	√	-	
Storage																
Capacity / speed	Up to 1 TB / 5400 rpm	Up to 1 TB / 5400 rpm	Up to 1 TB / 5400 rpm	-	-	-	-	-	-	-	-	-	-	-	-	
SSD	Up to 1 TB PCIe	Up to 1 TB PCIe	Up to 1 TB PCIe	Up to 512 GB	Up to 512 GB	Up to 512 GB	Up to 512 GB	Up to 1 TB	Up to 128 GB	Up to 512 GB	Up to 1TB	64 GB eMMC	Up to 32 GB eMMC	Up to 32 GB eMMC	16 GB eMMC or 32 GB M.2	
m SATA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Dual storage	-	√	√	-	√	√	-	√	-	-	-	-	-	-	-	
ODD	External option only	External option only	External option only	-	External option only	External option only	External option only	External option only	-	-	-	-	-	-	-	
Connectivity																
iPass Wi-Fi access	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	
LAN	10/100/1000 NIC	10/100/1000 NIC	10/100/1000 NIC	Available via optional external adapter	Available via optional external adapter	Available via optional external adapter	Available via optional external adapter	Available via optional external adapter	-	-	-	10/100/1000 via desk dock	-	-	-	
WLAN*	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)	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)	802.11a/b/g/n/ac (2x2) + Bluetooth® 4.2 combo	802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 4.2 Combo (vPro™)	802.11a/b/g/n/ac (2x2) + Bluetooth® 4.2 Combo	802.11a/b/g/n/ac (2x2) + Bluetooth® 4.2 Combo	802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 4.0 Combo (vPro™)	802.11 a/b/g/n/ac (2x2) + Bluetooth® 4.0 combo	802.11 a/b/g/n/ac (2x2) + Bluetooth® 4.2 combobv	802.11a/b/g/n/ac (2x2) WiFi + Bluetooth® 4.2 combo	802.11a/b/g/n/ac (2x2) WiFi + Bluetooth® 4.0 LE combo	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	802.11a/b/g/n/ac (2x2) WiFi + Bluetooth® 4.0 Combo Adapter, 802.11a/b/g/n/ac (2x2) WiFi + Bluetooth® 4.0 combo	
WPAN	Bluetooth® 4.2	Bluetooth® 4.2	Bluetooth® 4.2	Bluetooth® 4.2	Bluetooth® 4.2	Bluetooth® 4.2	Bluetooth® 4.2	Bluetooth® 4.0	Bluetooth® 4.2	Bluetooth® 4.2	Bluetooth® 4.2	Bluetooth® 4.0	Bluetooth® 4.2	Bluetooth® 4.2	Bluetooth® 4.0	
WWAN*	HP It4120 Qualcomm® Snapdragon™ X5 LTE Mobile Broadband Module, HP It4132 LTE/HSPA+ 4G Mobile Broadband Module, HP hs3210 WW HSPA+ with GPS Mobile Broadband	HP It4120 Qualcomm® Snapdragon™ X5 LTE Mobile Broadband Module, HP It4132 LTE/HSPA+ 4G Mobile Broadband Module, HP hs3110 HSPA+ Mobile Broadband	HP It4120 Qualcomm® Snapdragon™ X5 LTE Mobile Broadband Module, HP It4132 LTE/HSPA+ 4G Mobile Broadband Module, HP hs3110 HSPA+ Mobile Broadband	-	HP It4132 LTE/HSPA+ 4G Mobile Broadband, HP hs3210 HSPA Mobile Broadband	HP It4120 Qualcomm® Snapdragon™ X5 LTE Mobile Broadband Module, HP hs3110 HSPA+ Mobile Broadband	HP It4120 Qualcomm® Snapdragon™ X5 LTE Mobile Broadband Module, HP It4132 LTE/HSPA+ with GPS M.2 Mobile Broadband, HP It4132 LTE/HSPA+ with GPS M.2 Mobile Broadband, HP It4120 Qualcomm® Snapdragon™ X5 LTE Mobile Broadband Module, HP It4132 LTE/HSPA+ with GPS M.2 Mobile Broadband	HP It4120 Qualcomm® Snapdragon™ X5 LTE Mobile Broadband Module, HP It4132 LTE/HSPA+ with GPS M.2 Mobile Broadband, HP It4132 LTE/HSPA+ with GPS M.2 Mobile Broadband, HP It4120 Qualcomm® Snapdragon™ X5 LTE Mobile Broadband Module, HP It4132 LTE/HSPA+ with GPS M.2 Mobile Broadband	HP It4120 Qualcomm® Snapdragon™ X5 LTE Mobile Broadband Module, HP It4132 LTE/HSPA+ with GPS M.2 Mobile Broadband, HP It4132 LTE/HSPA+ with GPS M.2 Mobile Broadband, HP It4120 Qualcomm® Snapdragon™ X5 LTE Mobile Broadband Module, HP It4132 LTE/HSPA+ with GPS M.2 Mobile Broadband	HP hs3210 HSPA+ Mobile Broadband Module, HP It4132 LTE/HSPA+ 4G Mobile Broadband Module, HP It4132 LTE/HSPA+ 4G Mobile Broadband Module, HP It4226 LTE/HSPA+ Qualcomm® Gobi™ 4G Module, HP It4225 LTE/EV-DO Qualcomm® Gobi™ 4G Module	HP hs3210 HSPA+ Mobile Broadband Module, HP It4132 LTE/HSPA+ 4G Mobile Broadband Module, HP It4132 LTE/HSPA+ 4G Mobile Broadband Module, HP It4226 LTE/HSPA+ Qualcomm® Gobi™ 4G Module, HP It4225 LTE/EV-DO Qualcomm® Gobi™ 4G Module	HP hs3210 WW HSPA+ Mobile Broadband, HP It4132 LTE/HSPA+ 4G Mobile Broadband, HP It4226 LTE/HSPA+ Qualcomm® Gobi™ 4G Module, HP It4225 LTE/EV-DO Qualcomm® Gobi™ 4G Module	2G/3G/4G, LTE-A with carrier aggregation	-	-	-
Input																
Spill-resistant keyboard	√	-	√	-	-	√	√	-	-	√	√	-	-	√	-	
Numeric keypad	-	-	√	-	-	-	-	-	-	-	-	-	-	-	-	
Ports																
VGA	(1) VGA	(1) VGA	(1) VGA	-	Available via optional external adapter	Available via optional external adapter	Available via optional external adapter	Available via optional external adapter	Available via optional external adapter	Available via optional external adapter	Available via optional external adapter	Available via optional external adapter	Available via optional external adapter	Available via optional external adapter	-	
HDMI	-	-	-	-	(1) HDMI 1.4b	(1) HDMI	(1) HDMI	(1) HDMI 1.4	(1) Micro HDMI	Available via optional external adapter	Available via optional external adapter	Available via optional external adapter	Available via optional external adapter	(1) HDMI	(1) HDMI	
DisplayPort	(1) DisplayPort 1.2	(1) DisplayPort 1.2	(1) DisplayPort 1.2	-	-	-	-	-	Available via optional external adapter	Available via optional external adapter	Available via optional external adapter	Available via optional external adapter	-	-	-	
Serial	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
USB 2.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
USB 3.0	(2) USB 3.1 incl. 1 charging port, (1) USB Type-C	(2) USB 3.1 incl. 1 charging port, (1) USB Type-C	(2) USB 3.1 incl. 1 charging port, (1) USB Type-C	(2) USB Type-C	(2) USB 3.1 Type-C™ with Thunderbolt™ support	(2) USB 3.1 charging ports, (1) USB Type-C charging Port	(2) USB 3.0 charging ports, (1) USB Type-C charging Port	(2) USB 3.1 Gen 1 (1 charging) (2) USB 3.1 Type-C™	(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	(1) USB Type-C	(2) USB 3.0	(2) USB 3.0	(2) USB 3.0	
RJ-45	(1) RJ-45	(1) RJ-45	(1) RJ-45	Available via optional external adapter	Available via optional external adapter	Available via optional external adapter	Available via optional external adapter	Available via optional external adapter	Available via optional external adapter	Available via optional external adapter	Available via optional external adapter	Available via optional desk dock	-	-	-	
Headphone / Mic combo	(1) Headphone / Mic	(1) Headphone / Mic	(1) Headphone / Mic	(1) Headphone / Mic	(1) Headphone / Mic	(1) Headphone / Mic	(1) Headphone / Mic	(1) Headphone / Mic	(1) Headphone / Mic	(1) Headphone / Mic	(1) Headphone / Mic	(1) Headphone / Mic	(1) Headphone / Mic	(1) Headphone / Mic	(1) Headphone / Mic	
Types of docking	(1) Docking connector	(1) Docking connector	(1) Docking connector	-	-	-	(1) Docking connector	(1) Docking connector	-	Wired dock via USB Type-C	Wired dock via USB Type-C with Thunderbolt	(1) Desk Dock (2) Lap Dock	-	-	-	
Secondary battery support	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Multimedia																
Integrated microphone	(1) Integrated microphone	(1) Integrated microphone	(1) Integrated microphone	(1) Integrated microphone	(1) Integrated microphone	(1) Integrated microphone	(1) Integrated microphone	(1) Integrated microphone	(1) Integrated microphone	(1) Integrated microphone	(1) Integrated microphone	(3) Integrated microphones	-	-	(1) Integrated digital microphone	
Webcam	Optional 720p HD webcam	Optional 720p HD webcam	Optional 720p HD webcam	720p HD webcam	720p HD webcam	720p HD webcam	Optional 720p HD webcam	Optional 720p HD webcam	720p HD front-facing webcam	5 MP Front 8 MP Rear	5 MP Front 8 MP Rear	8 MP Front 16 MP Rear 2.4MP IRIS camera	HD webcam	HD webcam	HD webcam	
Audio	Audio by Bang & Olufsen	Audio by Bang & Olufsen	Audio by Bang & Olufsen	Audio by Bang & Olufsen	Audio by Bang & Olufsen Integrated premium speakers	Audio by Bang & Olufsen	Audio by Bang & Olufsen	Audio by Bang & Olufsen Integrated premium speakers	DTS Audio	Integrated stereo speakers	Audio by Bang & Olufsen	Audio by B&O	HD audio	Dual speakers	Stereo speakers	
Camera	-	-	-	-	IR camera for face authentication with Windows Hello	-	-	IR camera for face authentication with Windows Hello	5 MP rear-facing	8MP with flash LED	8MP with flash LED Optional IR front camera for face recognition	16 MP FHD rear-facing, 8 MP FHD front facing camera	-	-	-	
Power																
Primary battery	3-cell (49 WHr) Long Life Li-ion	3-cell (51 WHr) Long Life Li-ion	3-cell (51 WHr) Long Life Li-ion	4-cell (38 WHr) Long Life Polymer	4-cell (49.28 WHr) Long Life Li-ion	3-cell (57 WHr) Long Life Li-ion	6-cell (45.6 WHr) Long Life Polymer	6-cell (67 WHr) Long Life Polymer	2-cell (32.5 WHr) Li-ion polymer	4-cell (41 WHr) Long Life Li-ion	4-cell (47 WHr) Long Life Li-ion	Non-removable 3.85V battery pack, 4150 mAh Li-ion polymer	2-cell (43.7 WHr) Long Life Li-ion	3-cell (44 WHr) Li-ion	3-cell (37 WHr) Li-ion	
AC adapter	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	45W Smart AC Adapter, 45W 2-prong DC jack AC Adapter, 65W Smart AC Adapter	45W Smart USB Type-C™ AC adapter	65 W USB Type-C™ AC adapter	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)	65 W USB Type-C™ AC adapter, 90 W USB Type-C™ AC adapter	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	10W 5V/2A adapter	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)	
Security																
TPM	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	
HP Fingerprint Sensor	Optional	Optional	Optional	-	√	√	√	√	-	Optional	Optional	√	-	-	-	
Security lock slot	√	√	√	-	-	-	-	-	-	-	√	-	√	√	-	
Warranty	Up to 3 years	Up to 3 years	Up to 3 years	1 year	1 year	Up to 3 years	1 year	1 year	1 year	Up to 3 years	1 year	Up to 2 years	1 year	1 year	Up to 1 year	
Others																
Operating system	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	Windows 10 Pro, Windows 10 Home	Windows 10 Pro, Windows 10 Home	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, NeoKylin Linux® 64	Windows 10 Pro, Windows 10 Home	Windows 10 Pro, Windows 10 Home	Windows 10 Pro, Windows 10 Home	Windows 10 Mobile	Chrome OSTM	Chrome OSTM	Chrome OSTM	
Services	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	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	Customer Bios, Custom Image, Asset Tagging, Custom Label, DIB, Hardware Lock	Customer Bios, Custom Image, Asset Tagging, Custom Label, DIB, Hardware Lock	Customer 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	Asset Tagging, Custom Label, DIB Accessories	Asset Tagging, Custom Label	Asset Tagging, Custom Label	Asset Tagging, Custom Label	

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