



CMIT Quick Reference Guide

HP Business Notebooks

Ultra-productive in and out of the office



HP Business Notebooks

Reference Guide

CMIT Quick

HP 200 series

HP ProBook 400 series

HP ProBook 600 series

HP EliteBook 700 series



	ProBook 11 EE	240 G5/ 250 G5	245 G5	255 G5	430 G3	440 G3 / 450 G3	455 G3	470 G3	640 G2 / 650 G2	645 G2 / 655 G2	725 G2	745 G2 / 755 G2	725 G3	745 G3 / 755 G3	
Form factor	Notebook PC	Notebook PC	Notebook PC	Notebook PC	Notebook PC	Notebook PC	Notebook PC	Notebook PC	Notebook PC	Notebook PC	Notebook PC	Notebook PC	Notebook PC	Notebook PC	
Dimension (H x D x L) cm	2.54 x 30.18 x 22.74 (Non-touch/Touch)	240 G5: 2.39 x 24.15 x 34.54 250 G5: 2.43 x 25.46 x 38.43	2.39 x 24.15 x 34.54	2.43 x 25.46 x 38.43	1.99-2.09 x 23.35 x 32.6 (Non-touch); 2.14-2.24 x 23.37 x 32.6 (Touch)	440 G3: 1.99-2.09 x 24.4 x 33.92 (Non-touch); 2.15-2.25 x 24.4 x 33.92 (Touch) 450 G3: 2.38-2.48 x 26.43 x 37.8 (Non-touch); 2.55-2.65 x 26.46 x 37.8 (Touch)	2.38-2.48 x 26.48 x 37.8	2.5-2.6 x 29.05 x 41.68	640 G2: 2.7 x 23.7 x 34 650 G2: 2.74 x 25.7 x 37.8	645 G2: 2.7 x 23.7 x 34 655 G2: 2.74 x 25.7 x 37.8	2.1 x 21.53 x 31.1 (Non-touch); 2.48 x 21.53 x 31.3 (Touch)	745 G2: 0.21 x 23.7 x 33.9 (Non-touch); 0.22 x 23.7 x 33.9 (Touch) 755 G2: 2.15 x 25.36 x 37.55 (Non-touch); 2.58 x 25.36 x 37.55 (Touch)	1.89 x 21.89 x 31.0 (Non-touch); 2.02 x 21.89 x 31.0 (Touch)	745 G3: 1.89 x 23.7 x 33.8 (Non-touch); 2.02 x 23.7 x 33.8 (Touch) 755 G3: 1.94 x 25.77 x 38.33 (Non-touch); 2.08 x 25.77 x 38.33 (Touch)	
System weight	1.7 kg	240 G5: 1.79 kg 250 G5: 1.96 kg	1.8 kg	1.96 kg	1.5 kg	440 G3: 1.68 kg 450 G3: 2.18 kg	2.15 kg	2.61 kg	640 G2: 1.95 kg 650 G2: 2.32 kg	645 G2: 1.95 kg 655 G2: 2.32 kg	1.36 kg (Non-touch); 1.63 kg (Touch)	745 G2: 1.54 kg 755 G2: 2 kg	1.26 kg (Non-touch); 1.39 kg (Touch)	745 G3: 1.54 kg (Non-touch); 1.70 kg (Touch) 755 G3: 1.86 kg (Non-touch); 2.04 kg (Touch)	
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	
Processor	Intel® 5th Gen	Intel® 5th/6th Gen	AMD Quad-Core Carrizo-L A & E Series processors	AMD Quad-Core Carrizo-L A & E Series processors	Intel® 5th/6th Gen	Intel® 5th/6th Gen	AMD Carrizo/Carrizo-L processors	Intel® 6th Gen	Intel® 6th Gen	AMD PRO A-Series APUS	AMD A76M FCH	AMD A76M FCH	AMD Carrizo ULV	AMD Carrizo ULV	
vPro support	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Graphics	Intel® UMA Graphics	Intel® HD Graphics 520/5500/400; Intel® HD Graphics 405 (250 G5 only); AMD Radeon™ R5 M430 (250 G5 only)	AMD Radeon™ R2/R4 Graphics	AMD Radeon™ R2/R4/R5 Graphics	Intel® UMA Graphics GT1 & GT2	Intel® UMA Graphics GT1 & GT2; AMD Radeon™ R7 M340 (1 GB/2 GB DDR3; switchable)	AMD Radeon™ R7 M340 - R8 M350DX (2 GB DDR3; switchable/dual)	AMD Radeon™ R7 M340 (1 GB/2 GB DDR3; switchable)	Intel® HD Graphics 520; AMD Radeon™ R7 M365X (2 GB GDDR5 dedicated) (640 G2 only); Intel® HD Graphics 530 (650 G2 only)	AMD Radeon™ R5/R6 Graphics	AMD Radeon™ HD	AMD Radeon™ HD	AMD Radeon™ R6/R7 Graphics	AMD Radeon™ R6/R7 Graphics	
Max memory	8 GB	Up to 16 GB	16 GB	16 GB	Up to 16 GB	Up to 16 GB	Up to 16 GB	Up to 16 GB	Up to 16 GB	Up to 16 GB	Up to 16 GB	Up to 16 GB	Up to 16 GB	Up to 16 GB	
Display size	11.6"	240 G5: 14.0" 250 G5: 15.6"	14.0"	15.6"	13.3"	440 G3: 14.0" 450 G3: 15.6"	15.6"	17.3"	640 G2: 14.0" 650 G2: 15.6"	645 G2: 14.0" 655 G2: 15.6"	12.5"	745 G2: 14.0" 755 G2: 15.6"	12.5"	745 G3: 14" 755 G3: 15.6"	
Resolution	1366 x 768	1366 x 768; 1920 x 1080 (250 G5 only)	1366 x 768	1366 x 768	1366 x 768	1366 x 768; 1920 x 1080	1366 x 768	1600 x 900; 1920 x 1080	1366 x 768; 1920 x 1080	1366 x 768; 1920 x 1080	1366 x 768; 1920 x 1080	1366 x 768; 1920 x 1080	1366 x 768; 1920 x 1080	1366 x 768; 1920 x 1080; 2560 x 1440 (745 G3 only)	
Touch display option	✓	-	-	-	✓	✓	-	-	✓	✓	✓	✓	✓	✓	
Storage															
Capacity / speed	Up to 500 GB / 5400 rpm	Up to 1 TB / 7200 rpm	Up to 1 TB / 5400 rpm; 500 GB / 7200 rpm	Up to 1 TB / 5400 rpm; 500 GB / 7200 rpm	Up to 1 TB / 5400 rpm	Up to 1 TB / 5400 rpm	Up to 1 TB / 5400 rpm	Up to 1 TB / 5400 rpm	Up to 1 TB / 5400 rpm	Up to 1 TB / 5400 rpm	Up to 500 GB / 7200 rpm	Up to 1 TB / 7200 rpm	HDD: Up to 1 TB Hybrid HDD: 500 GB + 8 GB cache	HDD: Up to 1 TB Hybrid HDD: 500 GB + 8 GB cache	
SSD	Up to 180 GB M.2	Up to 256 GB (250 G5 only)	-	Up to 128 GB	Up to 256 GB	Up to 256 GB (440 G3 only)	-	Up to 256 GB	Up to 512 GB	Up to 512 GB	Up to 256 GB, SED/OPAL options available	Up to 256 GB, SED/OPAL options available	Up to 256 GB MLC; Up to 256 GB TLC; Up to 512 GB NVMe PCIe	Up to 256 GB MLC; Up to 256 GB TLC; Up to 512 GB NVMe PCIe	
m SATA	-	-	-	-	-	-	-	-	SATA 6 GB/s 180 SSD	SATA 6 GB/s 180 SSD	-	-	-	-	
Dual storage	-	-	-	-	Capable	Capable	Capable	Capable	-	-	-	-	-	-	
ODD	External option only	DVD +/- RW SuperMulti DL	DVD +/- RW SuperMulti DL	DVD +/- RW SuperMulti DL	External option only	External option only (440 G3 only); Blu-ray ROM DVD +/- RW SuperMulti DL; DVD-ROM (450 G3 only)	DVD +/- RW SuperMulti DL; DVD-ROM	DVD-ROM; DVD +/- RW SuperMulti DL Drive; Blu-ray ROM DVD +/- RW SuperMulti DL Drive	DVD-ROM; DVD +/- RW SuperMulti DL	DVD-ROM; DVD +/- RW SuperMulti DL	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 NIC (240 G5 only)	10/100/1000 NIC	10/100/1000 NIC	10/100/1000 NIC	10/100/1000 NIC	10/100/1000 NIC	10/100/1000 NIC	10/100/1000 NIC	10/100/1000 NIC	10/100/1000 NIC	10/100/1000 NIC	10/100/1000 NIC	10/100/1000 NIC	
WLAN*	802.11a/b/g/n (1x1); 802.11a/c (1x1) + Bluetooth® 4.0 combo; 802.11a/b/g/n (2x2) + Bluetooth® 4.0 combo	802.11a/b/g/n/ac (1x1) WiFi + Bluetooth® 4.2 Combo with WiDi; 802.11a/b/g/n (1x1) WiFi + Bluetooth® 4.0 Combo; 802.11b/g/n (1x1) WiFi + Bluetooth® 4.0 Combo; 802.11b/g/n (1x1) Wi-Fi	802.11a/b/g/n/ac (1x1) WiFi + Bluetooth® 4.2 Combo with WiDi; 802.11a/b/g/n (1x1) WiFi + Bluetooth® 4.0 Combo; 802.11b/g/n (1x1) WiFi + Bluetooth® 4.0 Combo; 802.11b/g/n (1x1) Wi-Fi	802.11a/b/g/n/ac (1x1) WiFi + Bluetooth® 4.2 Combo with WiDi; 802.11a/b/g/n (1x1) WiFi + Bluetooth® 4.0 Combo; 802.11b/g/n (1x1) WiFi + Bluetooth® 4.0 Combo; 802.11b/g/n (1x1) Wi-Fi	802.11b/g/n (1x1); 802.11b/g/n (1x1) + Bluetooth® 4.0 combo; 802.11a/b/g/n AC (1x1) + Bluetooth® 4.0 combo; 802.11a/b/g/n (2x2) + Bluetooth® 4.0 combo w/o WiDi; 802.11a/b/g/n AC (2x2) + Bluetooth® 4.0 combo	802.11b/g/n (1x1); 802.11b/g/n (1x1) + Bluetooth® 4.0 combo; 802.11a/b/g/n AC (1x1) + Bluetooth® 4.0 combo; 802.11a/b/g/n (2x2) + Bluetooth® 4.0 combo w/o WiDi; 802.11a/b/g/n AC (2x2) + Bluetooth® 4.0 combo	802.11b/g/n (1x1); 802.11b/g/n (1x1) + Bluetooth® 4.0 combo; 802.11a/b/g/n AC (1x1) + Bluetooth® 4.0 combo; 802.11a/b/g/n (2x2) + Bluetooth® 4.0 combo w/o WiDi	802.11b/g/n (1x1); 802.11b/g/n (1x1) + Bluetooth® 4.0 combo; 802.11a/b/g/n AC (1x1) + Bluetooth® 4.0 combo; 802.11a/b/g/n (2x2) + Bluetooth® 4.0 combo w/o WiDi; 802.11a/b/g/n AC (2x2) + Bluetooth® 4.0 combo	802.11b/g/n (1x1); 802.11b/g/n (1x1) + Bluetooth® 4.0 combo; 802.11a/b/g/n AC (1x1) + Bluetooth® 4.0 combo; 802.11a/b/g/n (2x2) + Bluetooth® 4.0 combo w/o WiDi; 802.11a/b/g/n AC (2x2) + Bluetooth® 4.0 combo	802.11a/b/g/n/ac (2x2) + Bluetooth® 4.2 Combo; 802.11a/b/g/n (1x1) + Bluetooth® 4.2 Combo; 802.11a/b/g/n (2x2) + Bluetooth® 4.0 Combo; 802.11b/g/n (1x1) WiFi + Bluetooth® 4.0 Combo; 802.11b/g/n (1x1) Wi-Fi	802.11a/b/g/n/ac (2x2) + Bluetooth® 4.1 Combo; 802.11a/b/g/n (2x2) + Bluetooth® 4.0 Combo; 802.11b/g/n (1x1) WiFi + Bluetooth® 4.0 Combo; 802.11b/g/n (1x1) Wi-Fi	802.11b/g/n (1x1); 802.11a/b/g/n AC (2x2) + Bluetooth® 4.0 Combo; 802.11a/b/g/n (2x2) + Bluetooth® 4.0 Combo	802.11b/g/n (1x1); 802.11a/b/g/n AC (2x2) + Bluetooth® 4.0 Combo; 802.11a/b/g/n (2x2) + Bluetooth® 4.1 Combo; 802.11a/b/g/n (2x2) + Bluetooth® 4.0 Combo; 802.11b/g/n (1x1) WiFi + Bluetooth® 4.0 Combo; 802.11b/g/n (1x1) Wi-Fi	802.11a/b/g/n (2x2) + Bluetooth® 4.0 Combo; 802.11a/b/g/n AC (2x2) + Bluetooth® 4.1 Combo; 802.11a/b/g/n (2x2) + Bluetooth® 4.0 Combo; 802.11b/g/n (1x1) WiFi + Bluetooth® 4.0 Combo; 802.11b/g/n (1x1) Wi-Fi	802.11b/g/n (1x1); 802.11a/b/g/n AC (2x2) + Bluetooth® 4.0 Combo; 802.11a/b/g/n (2x2) + Bluetooth® 4.1 Combo; 802.11a/b/g/n (2x2) + Bluetooth® 4.0 Combo; 802.11b/g/n (1x1) WiFi + Bluetooth® 4.0 Combo; 802.11b/g/n (1x1) Wi-Fi
WPAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WWAN*	Optional Huawei MU736 (Wrangler) HSPA+	-	-	-	HP hs3110 HSPA+ Intel® / HP Ht4110 LTE/HSPA+ Intel® Mobile Broadband Module	HP hs3110 HSPA+ Intel® / HP Ht4110 LTE/HSPA+ Intel® Mobile Broadband Module (450 G3 only)	-	-	HP Ht4120 Qualcomm® Snapdragon™ X5 LTE Mobile Broadband Module; HP hs3110 HSPA+ Mobile Broadband	HP Ht4120 Qualcomm® Snapdragon™ X5 LTE Mobile Broadband Module; HP hs3110 HSPA+ Mobile Broadband	HP hs3110 HSPA+ Mobile Broadband; HP Ht4112 LTE/HSPA+ Qualcomm® Gobi™ 4G; HP Ht4211 LTE/EVDO/HSPA+ Qualcomm® Gobi™ 4G	HP hs3110 HSPA+ Mobile Broadband; HP Ht4112 LTE/HSPA+ Qualcomm® Gobi™ 4G; HP Ht4211 LTE/EVDO/HSPA+ Qualcomm® Gobi™ 4G	HP Ht4120 Qualcomm® Snapdragon™ X5 LTE Mobile Broadband Module; HP hs3110 HSPA+ Mobile Broadband	HP Ht4120 LTE/EVDO/HSPA+ Qualcomm® Gobi™ 4G; HP Ht4211 LTE/EVDO/HSPA+ Qualcomm® Gobi™ 4G	
Input															
Spill-resistant keyboard	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Numeric keypad	-	250 G5 only	-	✓	-	450 G3 only	✓	✓	✓	✓	650 G2 only	655 G2 only	-	✓	
Ports															
VGA	(1) VGA	(1) VGA	(1) VGA	(1) VGA	(1) VGA	(1) VGA	(1) VGA	(1) VGA	(1) VGA	(1) VGA	(1) VGA	(1) VGA	(1) VGA	(1) VGA	
HDMI	(1) HDMI v1.4	(1) HDMI	(1) HDMI	(1) HDMI	(1) HDMI	(1) HDMI	(1) HDMI	(1) HDMI	(1) HDMI	(1) HDMI	-	-	-	-	
DisplayPort	-	-	-	-	-	-	-	-	(1) DisplayPort	(1) DisplayPort	(1) DisplayPort 1.2	(1) DisplayPort 1.2	(1) DisplayPort	(1) DisplayPort	
Serial	-	-	-	-	-	-	-	-	(1) Serial for 650 G2 only	(1) Serial for 655 G2 only	-	-	-	-	
USB 2.0	-	(2) USB 2.0	(2) USB 2.0	(2) USB 2.0	(1) USB 2.0 + powered port	(1) USB 2.0 + powered port (440 G3 only); (2) USB 2.0	(2) USB 2.0	(2) USB 2.0	(2) USB 2.0	(2) USB 2.0	-	-	-	-	
USB 3.0	(3) USB 3.0	(1) USB 3.0	(1) USB 3.0	(1) USB 3.0	(2) USB 3.0	(2) USB 3.0	(2) USB 3.0	(2) USB 3.0	(2) USB 3.0 incl. 1 charging port; (1) USB Type-C	(2) USB 3.0 incl. 1 charging port; (1) USB Type-C	(3) USB 3.0 incl. 1 charging port	(4) USB 3.0 incl. 1 charging port	(2) USB 3.0 incl. 1 charging port	(2) USB 3.0 incl. 1 charging port; (1) USB Type-C (Basic)	
RJ-45	(1) RJ-45	(1) RJ-45	(1) RJ-45	(1) RJ-45	(1) RJ-45	(1) RJ-45	(1) RJ-45	(1) RJ-45	(1) RJ-45	(1) RJ-45	(1) RJ-45 (Drop-jaw design)	(1) RJ-45 (Drop-jaw design)	(1) RJ-45 (Drop-jaw design)	(1) RJ-45 (Drop-jaw design)	
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	
Types of Docking	USB docking option	USB docking option	USB docking option	USB docking option	USB docking option	USB docking option	USB docking option	USB docking option	(1) Docking connector	(1) Docking connector	(1) Side docking	(1) Side docking	(1) Side docking	(1) Side docking	
Secondary Battery support	-	-	-	-	-	-	-	-	-	-	-	(1) Secondary battery connector (Optional slice battery for 745 G2 only)	-	-	
Multimedia															
Integrated microphone	(1) Single digital microphone	(1) Single digital microphone	(1) Single digital microphone	(1) Single digital microphone	Dual array microphones	Dual array microphones; (1) Integrated microphone	Dual array microphones; (1) Integrated microphone	Dual array microphones; (1) Integrated microphone	(1) Integrated microphone	(1) Integrated microphone	(1) Integrated microphone	(1) Integrated microphone	(1) Integrated microphone	(1) Integrated microphone	
Webcam	Integrated HD webcam	Optional HD Webcam	Optional HD Webcam	Optional HD Webcam	720p HD webcam	720p HD webcam	720p HD webcam	720p HD webcam	Optional 720p HD webcam	Optional 720p HD webcam	Optional 720p HD webcam	Optional 720p HD webcam	Optional 720p HD webcam	Optional 720p HD webcam	
Audio	DTS Sound™	DTS Studio Sound™	DTS Sound™	DTS Studio Sound™	DTS Studio Sound™	DTS Studio Sound™	DTS Studio Sound™	DTS Studio Sound™	DTS Sound+™	DTS Sound+™	HD Audio with DTS Studio Sound™	HD Audio with DTS Studio Sound™	Audio by Bang & Olufsen	Audio by Bang & Olufsen	
Camera	-	TrueVision HD camera; VGA camera	TrueVision HD camera; VGA camera	TrueVision HD camera	-	-	-	-	-	-	-	-	-	-	
Power															
Primary battery	3-cell (36 Whr) Li-ion 6-cell (64 Whr) Li-ion	4-cell (41 Whr) Li-ion 3-cell (31 Whr) Li-ion	4-cell (41 Whr) Li-ion 3-cell (31 Whr) Li-ion	4-cell (41 Whr) Li-ion 3-cell (31 Whr) Li-ion	4-cell (44 Whr) Li-ion 6-cell (55 Whr) Long Life Li-ion	4-cell (44 Whr) Li-ion 6-cell (55 Whr) Long Life Li-ion	4-cell (44 Whr) Li-ion 6-cell (55 Whr) Long Life Li-ion	4-cell (44 Whr) Li-ion 6-cell (55 Whr) Long Life Li-ion	4-cell (44 Whr) Li-ion 6-cell (55 Whr) Long Life Li-ion	4-cell (44 Whr) Li-ion 6-cell (55 Whr) Long Life Li-ion	3-cell (26 Whr) Long Life 3-cell (46 Whr) Long Life	3-cell (24 Whr) Long Life 3-cell (50 Whr) Long Life	3-cell (44 Whr) Long Life	3-cell (46 Whr) Long Life	
AC adapter	45W Smart AC Adapter	65W Smart AC adapter (discrete models); 45W Smart AC adapter; 65W EM Smart AC adapter (China and India only)	65W Smart AC adapter (discrete models); 45W Smart AC adapter (integrated models); 65W EM Smart AC adapter (China and India only)	45W Smart AC Adapter	65W EM Smart AC Adapter; 45W Smart AC Adapter; 45W Smart AC Adapter 2-prong (Japan only)	65W EM Smart AC Adapter; 45W Smart AC Adapter; 45W Smart AC Adapter 2-prong (Japan only)	65W EM Smart AC Adapter; 45W Smart AC Adapter; 45W Smart AC Adapter 2-prong (Japan only)	65W EM Smart AC Adapter; 45W Smart AC Adapter; 45W Smart AC Adapter 2-prong (Japan only)	45W Smart AC adapter; 45W Smart AC adapter 2-prong (Japan only); 65W Smart AC adapter (China and India only)	45W Smart AC adapter; 45W Smart AC adapter 2-prong (Japan only); 65W Smart AC adapter (China and India only)	45W Smart AC adapter; 45W Smart AC adapter 2-prong (Japan only); 65W Smart AC adapter (China and India only)	45W Smart AC adapter; 45W Smart AC adapter 2-prong (Japan only); 65W Smart AC adapter (China and India only)	45W Smart AC adapter; 45W Smart AC adapter 2-prong (Japan only); 65W Smart AC adapter (China and India only)	45W Smart 4.5 mm AC Adapter (Not available for Asia, PRC, India, Japan); 45W 2-prong 4.5 mm DC jack AC Adapter (Japan only); 65W EM Smart 4.5 mm AC Adapter (Asia, PRC, India only)	
Security															
TPM	-	✓	✓	✓	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	
HP Fingerprint Sensor	-	-	-	-	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	
Security lock slot	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Warranty	Up to 1 year	Up to 3 years	Up to 3 years	Up to 1 year	Up to 3 years	Up to 3 years	Up to 3 years	Up to 3 years	Up to 3 years	Up to 3 years	Up to 3 years	Up to 3 years	Up to 3 years	Up to 3 years	
Others															
Operating system	Windows 10 Pro DG; Windows 10 Home; FreeDOS	Windows 10 Pro DG; Windows 10 Home; Windows 7 Pro; FreeDOS	Windows 10 Pro DG; Windows 10 Home; Windows 7 Pro; FreeDOS	Windows 10 Pro DG; Windows 10 Home; Windows 7 Pro; FreeDOS	Windows 10 Pro DG; Windows 10 Home; FreeDOS	Windows 10 Pro DG; Windows 10 Home; FreeDOS	Windows 10 Pro DG; Windows 10 Home; FreeDOS	Windows 10 Pro DG; Windows 10 Home; FreeDOS	Windows 10 Pro; Windows 10 Home; Windows 8.1 Pro; Windows 8.1; Windows 7 Pro; FreeDOS 2.0	Windows 10 Pro;					

CMIT Quick Reference Guide

HP Business Notebooks



HP EliteBook series



HP Convertibles



HP Detachables



HP Tablets



HP Chromebooks



	820 G3	840 G3 / 850 G3	Folio G1	1030 G1	1040 G3	EliteBook Revolve 810 G3	Spectre Pro x360 G2	HP x2 210 G2	Pro x2 612 G1	Elite x2 1012 G1	Elite x3	Pro Slate 8 / Pro Slate 12	Pro Tablet 408 G1	Pro Tablet 608 G1	Pro Tablet 10 EE G1 / Pro Slate 10 EE G1	Chromebook 11 G4	Chromebook 14 G4	
Form factor	Notebook PC	Notebook PC	Notebook PC	Notebook PC	Notebook PC	Convertible	Convertible	Detachable	Detachable	Detachable	Next Gen Computer	Tablet	Tablet	Tablet	Tablet	Chromebook	Chromebook	
Dimension (H x D x L) cm	1.89 x 21.89 x 31.1 (Non-Touch); 2.02 x 21.89 x 31.1 (Touch)	840 G3: 1.89 x 23.7 x 33.89 (Non-Touch); 2.02 x 23.7 x 33.89 (Touch) 850 G3: 1.94 x 25.77 x 38.33 (Non-Touch); 2.2 x 25.77 x 38.33 (Touch)	1.19 x 20.5 x 29.2 (Non-Touch); 1.24 x 20.9 x 29.2 (Touch)	1.57 x 21 x 31 (Non-Touch/Touch)	1.58 x 23.45 x 33.7 cm (Non-Touch); 1.65 x 23.45 x 33.7 cm (Touch)	2.2 x 21.2 x 28.5	1.54 x 21.8 x 32.5	Tablet only: 0.92 x 17.3 x 26.5 With keyboard: 1.83 x 18.3 x 26.5	Tablet only: 1.28 x 20.95 x 30.7 With keyboard: 2.33 x 23.95 x 31.7	Tablet only: 0.81 x 21.35 x 30.0 With travel keyboard: 1.35 x 21.35 x 30.0 With Advanced keyboard: 1.65 x 21.35 x 30.0	8.35 x 0.78 x 16.18	Slate 8: 13.7 x 0.79 x 20.7 Slate 12: 22.2 x 0.79 x 30.0	14 x 0.9 x 21.5	13.7 x 0.83 x 20.7	18.2 x 0.14 x 28	2.04 x 20.57 x 30	1.78 x 24 x 34.4	
System weight	1.26 kg (Non-Touch); 1.39 kg (Touch)	840 G3: 1.54 kg (Non-Touch); 1.70 kg (Touch) 850 G3: 1.86 kg (Non-Touch); 2.04 kg (Touch)	< 1 kg (Non-Touch)	1.15 kg (Non-Touch); 1.16 kg (Touch)	1.43 kg	1.4 kg	1.48 kg	Tablet: 583 g Travel Keyboard: 507 g	Tablet: 925 g Travel Keyboard: 715 g Power Keyboard: 980 g	Tablet: 820 g Travel Keyboard: 385 g Advanced Keyboard: 450 g	195 g	Slate 8: 350 g Slate 12: 650 g	375 g	360 g	850 g	1.28 kg	1.72 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	Integrated SoC	Integrated SoC	
Processor	Intel® 6th Gen	Intel® 6th Gen	Intel® 6th Gen Core M	Intel® 6th Gen Core M	Intel® 6th Gen	Intel® 5th Gen	Intel® 6th Gen	Intel® Atom™	Intel® 4th Gen	Intel® Core™ M	Qualcomm® Snapdragon 820	Qualcomm® Snapdragon® 800	Intel® Atom™	Intel® Atom™	Intel® Atom™	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	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 520	Intel® HD Graphics 520; AMD Radeon™ R7 M365X (850 G3 only)	Intel® HD Graphics 515	Intel® HD Graphics 515	Intel® HD Graphics 520	Intel® HD Graphics 4400	Intel® HD Graphics 520	Intel® HD Graphics	Intel® HD Graphics 4200	Intel® HD Graphics 515	Qualcomm® Adreno 530	Integrated	Intel® UMA Graphics	Intel® UMA	Intel® HD Graphics	Intel® HD Graphics	Intel® HD Graphics	
Max memory	Up to 16 GB	Up to 16 GB	Up to 8 GB	16 GB	Up to 16 GB	Up to 12 GB	Up to 8 GB	Up to 4 GB	Up to 8 GB	Up to 8 GB	4 GB	2 GB	2 GB	4 GB	Up to 2 GB	Up to 4 GB	4 GB	
Display size	12.5"	840 G3: 14.0" 850 G3: 15.6"	12.5"	13.3"	14.0"	11.6"	13.3"	10.1"	12.5"	12"	5.96"	Slate 8: 7.9" Slate 12: 12.3"	8"	8"	10.1"	11.6"	14.0"	
Resolution	1366 x 768; 1920 x 1080	1366 x 768; 1920 x 1080; 2560 x 1440 (840 G3 Only); 3840 x 2160 (850 G3 Only)	1920 x 1080; 3840 x 2160	1920 x 1080; 3200 x 1800	1920 x 1080; 2560 x 1440	1366 x 768	1920 x 1080; 2460 x 1440	1280 x 800	1366 x 768; 1920 x 1080	1920 x 1280	2560 x 1440 AMOLED	2048 x 1536 (Slate 8 only); 1600 x 1200 (Slate 12 only)	1280 x 800	2048 x 1536	1280 x 800	1366 x 768	1366 x 768; 1920 x 1080	
Touch display option	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	
Storage	Up to 1 TB / 7200 rpm	Up to 1 TB / 7200 rpm	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Capacity / speed	Up to 512 GB, SED/OPAL options available	Up to 512 GB, SED/OPAL options available	Up to 512 GB	Up to 512 GB	Up to 512 GB	Up to 512 GB	Up to 512 GB	Up to 128 GB	Up to 256 GB	Up to 512 GB	64 GB eMMC	Up to 32 GB eMMC	Up to 64 GB eMMC	Up to 128 GB eMMC	Up to 64 GB eMMC	16 GB eMMC; 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	-	-	-	-	-	-	-	-	-	-	
Connectivity																		
iPass Wi-Fi access	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
LAN	10/100/1000 NIC	10/100/1000 NIC	Available via optional external adapter	Available via optional external adapter	Available via optional external adapter	10/100/1000 NIC	10/100/1000 NIC (optional)	10/100/1000 NIC (optional)	10/100/1000 NIC (optional)	10/100/1000 NIC (optional)	10/100/1000 via desk dock	-	-	-	-	-	-	
WLAN*	802.11a/b/g/n/ac (2x2) + Bluetooth® 4.2 combo; 802.11a/b/g/n/ac (1x1) + Bluetooth® 4.0 combo	802.11a/b/g/n/ac (2x2) + Bluetooth® 4.2 combo; 802.11a/b/g/n/ac (1x1) + Bluetooth® 4.0 combo	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) + Bluetooth® 4.2 combo	802.11a/b/g/n/ac (2x2) + Bluetooth® 4.0 combo with WIDI; 802.11a/b/g/n/ac (2x2) + Bluetooth® 4.0 combo	802.11a/b/g/n/ac (2x2) + Bluetooth® 4.0 combo; 802.11a/b/g/n/ac (2x2) + Bluetooth® 4.0 combo	802.11a/b/g/n/ac (2x2) + Bluetooth® 4.0 Combo	802.11a/b/g/n/ac (2x2) + Bluetooth® 4.0 combo; 802.11a/b/g/n/ac (2x2) + Bluetooth® 4.0 combo	802.11a/b/g/n/ac (2x2) WiFi + Bluetooth® 4.2 + WiGig combo (optional)	802.11a/b/g/n/ac (2x2) WiFi + Bluetooth® 4.0 LE combo	802.11a/b/g/n/ac (1x1) + Bluetooth® 4.0 LE combo	802.11a/b/g/n/ac (2x2) WiFi + Bluetooth® 4.0 LE combo	802.11a/b/g/n/ac (2x2) WiFi + Bluetooth® 4.0 LE combo	802.11a/b/g/n/ac (2x2) WiFi + Bluetooth® 4.0 LE combo	802.11a/b/g/n/ac (2x2) WiFi + Bluetooth® 4.0 combo; 802.11a/b/g/n/ac (1x1) + Bluetooth® 4.0 combo	802.11a/b/g/n/ac (2x2) WiFi + Bluetooth® 4.0 combo	
WPAN	Bluetooth® 4.0/4.2	Bluetooth® 4.0/4.2	Bluetooth® 4.2	Bluetooth® 4.2	Bluetooth® 4.2	Bluetooth® 4.0	Bluetooth® 4.0	Bluetooth® 4.0	Bluetooth® 4.0	Bluetooth® 4.2	Bluetooth® 4.0	Bluetooth® 4.0	Bluetooth® 4.0	Bluetooth® 4.0	Bluetooth® 4.0	Bluetooth® 4.0	Bluetooth® 4.0	
WWAN*	HP It4120 Qualcomm® Snapdragon™ X5 LTE Mobile Broadband Module; HP h3110 HSPA+ Mobile Broadband	HP It4120 Qualcomm® Snapdragon™ X5 LTE Mobile Broadband Module; HP h3110 HSPA+ Mobile Broadband	-	-	HP It4120 Qualcomm® Snapdragon™ X5 LTE Mobile Broadband Module; HP h3110 HSPA+ Mobile Broadband	HP h3110 HSPA+ Mobile Broadband; HP It4112 LTE/HSPA+ Qualcomm® Gobi™ 4G Mobile Broadband; HP It4211 LTE/EV-DO/HSPA+ Qualcomm® Gobi™ 4G Mobile Broadband	-	HP It4120 Qualcomm® Snapdragon™ X5 LTE Mobile Broadband; HP It4112 LTE/HSPA+ Qualcomm® Gobi™ 4G Mobile Broadband; HP h3110 HSPA+ Mobile Broadband	HP It4211 LTE/EV-DO/HSPA+ Qualcomm® Gobi™ 4G Mobile Broadband	HP It4211 LTE/EV-DO/HSPA+ Qualcomm® Gobi™ 4G Mobile Broadband; HP h3110 HSPA+ Mobile Broadband	HP h3110 HSPA+ Mobile Broadband; HP It4120 Qualcomm® Gobi™ 4G Mobile Broadband; HP It4112 LTE/HSPA+ Qualcomm® Gobi™ 4G Mobile Broadband; HP h3110 HSPA+ Mobile Broadband	2G/3G/4G, LTE-A with carrier aggregation	HP It4112 LTE HSPA+ Gobi 4G w/GPS	Optional HSPA+	Optional HSPA+; Optional LTE	Optional HP h3110 HSPA+ w/GPS M.2 Module	HP It4110 LTE/HSPA+ 4G Mobile Broadband	-
Input																		
Spill-resistant keyboard	✓	✓	-	✓	✓	✓	✓	-	✓	-	-	-	-	-	-	-	-	
Numeric keypad	-	850 G3 only	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ports																		
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	(1) VGA (Keyboard)	-	Available via optional external adapter	-	-	-	-	-	-	
HDMI	-	-	-	(1) HDMI	(1) HDMI	-	(1) HDMI	(1) Micro HDMI	-	-	Available via optional external adapter	Available via optional external adapter	(1) Micro HDMI	-	(1) Micro HDMI	(1) HDMI	(1) HDMI	
DisplayPort	(1) DisplayPort 1.2	(1) DisplayPort 1.2	-	-	-	(1) DisplayPort 1.2	(1) Mini DisplayPort 1.2	Available via optional external adapter	(1) DisplayPort 1.2 (Keyboard)	-	Available via optional external adapter	-	-	-	-	-	-	
Serial	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
USB 2.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
USB 3.0	(2) USB 3.0 incl. 1 charging port; (1) USB Type-C	(2) USB 3.0 incl. 1 charging port; (1) USB Type-C	(2) USB Type-C	(2) USB 3.0 charging ports; (1) USB Type-C charging port	(2) USB 3.0 charging ports; (1) USB Type-C charging port	(2) USB 3.0 incl. 1 charging port	(3) USB 3.0	(1) USB 3.0; (1) USB Type-C	(1) USB 3.0 (Tablet); (2) USB 3.0 incl. 1 charging port (Keyboard)	(1) USB Type-C™ with Thunderbolt™ support (docking, charging and USB 3.1); (1) USB Type-A (USB 3.0)	(1) USB Type-C™ connector	-	(1) Micro USB 2.0	(1) Micro USB 2.0	(1) Micro USB 2.0	(1) USB 2.0	(1) USB 3.0	
RJ-45	(1) RJ-45 (Drop-jaw design)	(1) RJ-45 (Drop-jaw design)	Available via optional external adapter	Available via optional external adapter	Available via optional external adapter	(1) RJ-45	-	-	(1) RJ-45 (Keyboard)	-	Available via optional external adapter	-	-	-	-	-	-	
Headphone / Mic combo	(1) Headphone / Mic	(1) Headphone / Mic	(1) Headphone / Mic	(1) Headphone / Mic	(1) Headphone / Mic	(1) Headphone / Mic	(1) Headphone / Mic (Keyboard)	(1) Headphone / Mic	(1) Headphone / Mic (Keyboard)	(1) Headphone / Mic (Keyboard)	(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) Side docking	-	-	(1) Side docking (Keyboard)	(1) Wireless dock; (2) Wired dock via USB Type-C™ with Thunderbolt™	(1) Desk Dock (2) Lap Dock	(1) Portable tablet dock	-	(1) Portable tablet dock	-	-	-	
Secondary Battery support	-	-	-	-	-	-	-	-	(1) Secondary battery connector (Keyboard)	-	-	-	-	-	-	-	-	
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	(3) Integrated microphones	(2) Integrated microphones	(1) Integrated microphone	(1) Integrated microphone	(1) Integrated microphone	(1) Integrated digital microphone	(1) Integrated digital microphone	
Webcam	Optional 720p HD webcam	Optional 720p HD webcam	720p HD webcam	720p HD webcam	Optional 720p HD webcam	-	HP TrueVision Full HD WVA Webcam	720p HD front-facing webcam	2 MP FHD 1080p front-facing webcam	2 MP FHD 1080p front-facing webcam	-	2 MP FHD front-facing webcam	2 MP webcam front-facing webcam	2 MP FHD front-facing webcam	Up to 2 MP front-facing 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	DTS Studio Sound™	HD Audio by Bang & Olufsen	DTS Audio	HD Audio with DTS Sound™	Audio by Bang & Olufsen	Audio by B&O	DTS Sound™	Stereo speakers	DTS Sound™	DTS Sound™	Stereo speakers	Stereo speakers	
Camera	-	-	-	-	-	-	-	5 MP rear-facing	5 MP FHD 1080p rear-facing	5 MP FHD 1080p rear-facing	16 MP FHD rear-facing; 8 MP FHD front facing camera; 2.4 MP Iris camera	8 MP FHD rear-facing	8 MP FHD rear-facing	8 MP FHD rear-facing	5 MP rear-facing	-	-	
Power																		
Primary battery	3-cell (44 WHr) Long Life Li-ion	3-cell (46 WHr) Long Life Li-ion	4-cell (38 WHr) Long Life Polymer	4-cell (40 WHr) Long Life Li-ion	6-cell (45.6 WHr) Long Life Polymer	6-cell (44 WHr) Long Life	3 cell (56 WHr) Li-ion	2-cell (32.5 WHr) Li-ion polymer	Tablet only: 4-cell (29.3 WHr) Long Life Keyboard: 2-cell (25 WHr) Long Life	4-cell (40 WHr) Long Life Li-ion	Non-removable 3.85V battery pack; 4150 mAh Li-ion polymer	Slate 8: (21 WHr) Li-ion Slate 12: (37 WHr) Li-ion	1-cell (18.24 WHr) Li-ion	21 WHr Li-ion polymer	Tablet 10: 2-cell (29.6 WHr) Li-ion Slate 10: 2-cell (28.5 WHr) Li-ion	3-cell (36 WHr) Li-ion	3-cell (37 WHr) Li-ion	
AC adapter	45W Smart AC adapter; 45W Smart AC adapter 2-prong (Japan only); 65W EM Smart AC adapter (China and India only)	45W Smart AC adapter; 45W Smart AC adapter 2-prong (Japan only); 65W Smart AC adapter (China and India only)	45W 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)	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)	45W Smart AC Adapter; 65W EM Smart AC Adapter (China, India only); 65W Slim Smart AC Adapter (Australia, Japan only)	45W Smart AC adapter; 45W Smart AC adapter 2-prong (Japan only); 65W EM Smart AC adapter (PRC only)	15W AC charging adapter with USB Type-C connector	65W EM Smart AC Adapter (China, India only); 65W Slim Smart AC Adapter (Australia, Japan only)	45W Smart USB Type-C™ AC Adapter	10W 5V/2A adapter	10W AC Charging Adapter with micro USB 2.0 type cable	10W nPFC AC Adapter with USB	15W AC Charging Adapter with USB Type-C connector	18W nPFC AC Adapter	45W Smart AC Adapter; 65W EM Smart AC Adapter (India only)	45W Smart AC adapter; 65W EM Smart AC adapter (China and India only)	
Security																		
TPM	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
HP Fingerprint Sensor	Optional	Optional	-	✓	✓	-	-	-	Optional	Optional	✓	-	-	-	-	-	-	
Security lock slot	✓	✓	-	-	-	✓	-	-	-	✓	-	-	-	-	✓	-	-	
Warranty	Up to 3 years	Up to 3 years	1 year	Up to 3 years	1 year	Up to 3 years	1 year	1 year	Up to 3 years	Up to 3 years	Up to 2 years	Up to 3 years	Up to 3 years	Up to 3 years	Up to 3 years	Up to 1 year	Up to 1 year	
Others																		
Operating system	Windows 10 Pro; Windows 10 Home; Windows 8.1 Pro; Windows 8.1; Windows 7 Pro; FreeDOS 2.0	Windows 10 Pro; Windows 10 Home; Windows 8.1 Pro; Windows 8.1; Windows 7 Pro; FreeDOS 2.0	Windows 10 Pro; Windows 10 Home	Windows 10 Pro; Windows 10 Home; Windows 7 Pro; FreeDOS 2.0	Windows 10 Pro; Windows 10 Home; Windows 7 Pro; FreeDOS 2.0	Windows 8.1 Pro DG; FreeDOS	Windows 10 Pro	Windows 10 Pro; Windows 10 Home	Windows 10 Pro DG; Windows 8.1; Linux; FreeDOS	Windows 10; Windows 8.1 Web Support	Windows 10 Mobile	Android 5 Lollipop	Windows 10 Pro; Windows 8.1	Windows 10 Pro	Tablet 10: Windows 10; Windows 8.1	Chrome OS™	Chrome OS™	
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	Custom Image, Asset Tagging, Custom Label	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	Asset Tagging, Custom Label, DIB Accessories	Asset Tagging, Custom Label, DIB Accessories	Asset Tagging, Custom Label, DIB Accessories	Asset Tagging, Custom Label, DIB Accessories	Asset Tagging, Custom Label, DIB Accessories	Asset Tagging, Custom Label	Asset Tagging, Custom Label	