# HP EliteBook 640 14 inch G9 Notebook PC



# Upgrade to elite performance

The HP EliteBook 640 is a cost-effective, powerful, and highly secure PC that allows easy standardization into existing IT environments, while giving end-users the tools they need to work from almost anywhere.



\*Product image may differ from actual product

HP recommends Windows 11 Pro for business

#### Make connections that matter

Take collaboration to the professional level with optional 4G<sup>3</sup> connectivity and audio/video enhancers
powered by HP Presence<sup>4</sup> on the HP EliteBook 640. Enjoy the crystal-clear audio performance
delivered by HP Dynamic Audio5 and HP Al Noise Reduction.<sup>6</sup>

#### Power to get the job done

 With an Intel<sup>® 2</sup> processor, this globally available PC is easy to service, drives performance, and has long battery life, and optional Thunderbolt<sup>™</sup> docking.<sup>7</sup>

#### Protected by HP Wolf Security

- HP Wolf Security for Business creates a hardware-enforced, always-on, resilient defense. From the BIOS to the browser, above, in, and below the OS, these constantly evolving solutions help protect your PC from modern threats.<sup>8</sup>
- Optimized for video calls in low-lighting conditions. The HD camera provides visual clarity, while temporal noise reduction lowers the effects of visual noise and pixelation, allowing increased definition so you can capture all the details.<sup>6</sup>
- HP AI Noise Reduction improves collaboration by applying industry-leading noise-filtering technology to all audio input, giving you an enhanced audio and video conferencing experience even while wearing a mask.<sup>6</sup>
- HP Backlight Adjustment includes quality dual image sensors, working together to balance the background and foreground lighting and contrast. Make sure you can clearly be seen without blurring out the background.<sup>6</sup>
- Upscale your resolution and bring new dimension to your images. With HP Super Resolution, you can
  automatically upscale your camera resolution from HD (720p) to FHD (1080p) in a snap.<sup>6,17</sup>
- If your travel schedule is going to keep you on the road, then consider configuring your PC with an
  optional larger battery that can keep you productive.<sup>9</sup>
- Take more of your files with you on the road with an optional second SSD drive.<sup>9</sup>
- Your "office" can be where you need it, letting you stay connected almost everywhere with support for
  optional gigabit class CAT 9 4G LTE wireless broadband technology.<sup>3</sup>
- Know if someone has tried to open the cover of your PC thanks to a tamper lock intrusion detection system.  $^{\rm 10}$
- This PC contains at least 30-percent post-consumer recycled plastic in the bezel, at least 50-percent
  post-consumer recycled plastic in the keycaps, and the outer box packaging is 100-percent
  sustainably sourced.<sup>11,12</sup>
- Enable hardware and software innovations from HP with the myHP application. This single dashboard
  houses access to settings for conferencing, the programmable key, and more.<sup>14</sup>
- Help protect your PC from websites and read-only Microsoft Office and PDF attachments with
  malware, ransomware, or viruses with hardware-enforced security from HP Sure Click.<sup>15</sup>
- Malware is evolving rapidly, and traditional antivirus can't always recognize new attacks. Protect your
  PC against never-before-seen attacks with HP Sure Sense, which uses deep learning AI and machine
  learning to provide exceptional protection.<sup>16</sup>

# HP EliteBook 640 14 inch G9 Notebook PC Specifications Table

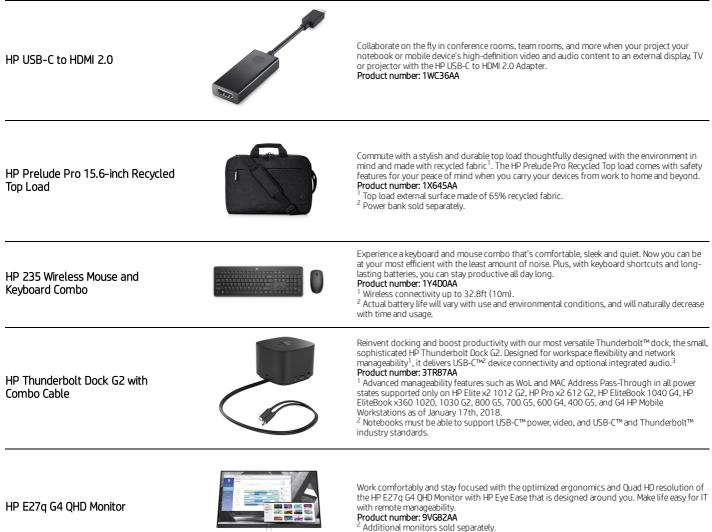


### \*Productimage may differ from actual product

<ul> <li>Product image may differ from actual product</li> </ul>	
AvailableOperating Systems	Windows 11 Pro <sup>1</sup> Windows 11 Pro Education <sup>1</sup> Windows 11 Home– HP recommends Windows 11 Pro for business <sup>1</sup> Windows 11 HomeSingleLanguage– HP recommends Windows 11 Pro for business <sup>1</sup> Windows 11 Pro (Windows 11 Enterprise available with a Volume Licensing Agreement) <sup>1</sup> Windows 10 Pro (available through downgraderights from Windows 11 Pro) <sup>1,2</sup> FreeDOS
Processor family <sup>6</sup>	12th Generation Intel®Core™17 processor; 12th Generation Intel®Core™13 processor; 12th Generation Intel®Core™15 processor
AvailableProcessors <sup>3,4,5,6,41</sup>	Intel®Core™17-1255U(1.2 GHzE-corebasefrequency, 1.7 GHzP-corebasefrequency, up to 3.5 GHzE-coreMaxTurbo frequency, up to 4.7 GHzP-coreMaxTurbo frequency, 12 MBL3 cache, 2P-cores and 8E-cores, 12 threads); htel®Core™15-1235U(0.9 GHzE-corebasefrequency, 1.3 GHzP-corebasefrequency, up to 3.3 GHzE-coreBasefrequency, up to 3.3 GHzE-coreBasefrequency, up to 4.4 GHz P-coreMaxTurbo frequency, up to 4.4 GHz P-coreMaxTurbo frequency, up to 4.4 GHz P-coreMaxTurbo frequency, up to 4.4 GHz P-coreBasefrequency, up to 3.4 GHzE-coreBasefrequency, up to 3.3 GHzE-coreBasefrequency, up to 3.3 GHzE-coreBasefrequency, up to 3.4 GHzP-coreBasefrequency, up to 3.5 GHzE-coreBasefrequency, up to 3.5 GHzE-coreBasefrequency, up to 3.4 GHzP-coreBasefrequency, up to 3.5 GHzE-coreBasefrequency, up to 3.3 GHzE-coreBasefrequency, up to 3.3 GHzE-coreBasefrequency, upt to 3.3 GHzE-coreBasefrequency, up to 3.4 GH
Maximum memory	64 GB DDR4-3200 MHz RAM <sup>7</sup> Both slots are customer accessible/upgradeable. Supports dual channel memory.
Memoryslots	2 SODIMM
Internal storage	256 GB up to 1 TB PCIe® Gen4x4 NVMe™ M.2 SSD TLC <sup>8</sup> 256 GB up to 1 TB PCIe® Cen4x4 NVMe™ M.2 SSD STDTLC <sup>8</sup> 256 GB up to 151 GB PCIe® NVMe™ AZ SSD <sup>8</sup> 128 GB up to 256 GB PCIe® NVMe™ Value M.2 SSD <sup>8,43</sup>
Display size (diagonal, metric)	35.6 cm (14")
Display	14* diagonal, FHD (1920 x 1080), IPS, narrow bezel, anti-glare, 400 nits, low power, 72%NTSC; 14* diagonal, FHD (1920 x 1080), IPS, narrow bezel, anti-glare, 250 nits, 45%NTSC; 14* diagonal, HD (1920 x 1080), touch, IPS, narrow bezel, anti-glare, 250 nits, 45%NTSC; 14* diagonal, HD (1920 x 1080), touch, IPS, narrow bezel, anti-glare, 250 nits, 45%NTSC; 14* diagonal, FHD (1920 x 1080), touch, IPS, narrow bezel, anti-glare, 250 nits, 45%NTSC; 14* diagonal, FHD (1920 x 1080), touch, IPS, narrow bezel, anti-glare, 250 nits, 45%NTSC; 14* diagonal, FHD (1920 x 1080), IPS, narrow bezel, anti-glare, 1000 nits, 100% sRGB, IPS ure View integrated privacy screen with HP Eye Ease <sup>12:156,17</sup> 35.56 cm (14*) diagonal, FHD (1920 x 1080), IPS, narrow bezel, anti-glare, 200 nits, 100% sRGB, IPS, narrow bezel, anti-glare, 250 nits, 45%NTSC; 35.56 cm (14*) diagonal, FHD (1920 x 1080), IPS, narrow bezel, anti-glare, 250 nits, 45%NTSC; 35.56 cm (14*) diagonal, HD (1366 x 768), narrow bezel, anti-glare, 250 nits, 45%NTSC; 35.56 cm (14*) diagonal, HD (1366 x 768), narrow bezel, anti-glare, 250 nits, 45%NTSC; 35.56 cm (14*) diagonal, HD (1366 x 768), narrow bezel, anti-glare, 250 nits, 45%NTSC; 35.56 cm (14*) diagonal, HD (1366 x 768), narrow bezel, anti-glare, 250 nits, 45%NTSC; 35.56 cm (14*) diagonal, HD (1366 x 768), narrow bezel, anti-glare, 250 nits, 45%NTSC; 35.56 cm (14*) diagonal, HD (1366 x 768), narrow bezel, anti-glare, 250 nits, 45%NTSC; 35.56 cm (14*) diagonal, HD (1366 x 768), narrow bezel, anti-glare, 250 nits, 45%NTSC; 35.56 cm (14*) diagonal, HD (1366 x 768), narrow bezel, anti-glare, 250 nits, 45%NTSC; 35.56 cm (14*) diagonal, HD (1366 x 768), narrow bezel, anti-glare, 250 nits, 45%NTSC; 35.56 cm (14*) diagonal, HD (1366 x 768), narrow bezel, anti-glare, 250 nits, 45%NTSC; 35.56 cm (14*) diagonal, HD (1366 x 768), narrow bezel, anti-glare, 250 nits, 45%NTSC; 35.56 cm (14*) diagonal, HD (1366 x 768), narrow bezel, anti-glare, 250 nits, 45%NTSC; 35.56 cm (14*) diagonal, HD (1366 x 768), narrow bezel, anti-glare, 250 ni
AvailableGraphics	250 nits, 45% NTSC; 35.6 cm (14") diagonal, FHD (1920 x 1080), IPS, narrow bezel, anti-glare, 1000 nits, 100% sRGB, HP Sure View integrated privacy screen with HP Eye Ease <sup>12,15,16,17</sup> Integrated: Intel® UHD Graphics; Intel® Its® X® Graphics <sup>12,13</sup> Discrete: NVDIA® Gefborce® MSZ50 (26 BDDR6 dedicated); NVDIA® GeForce® MX570A (2 GB DDR6 dedicated) <sup>42</sup> (Support HD decode, DX12, HDMI2.0.)
Audio	Dual stereo speakers, dual array microphones
Wireless technologies	(Compatible with Miracast-certified devices.)
Ports and Connectors	1 Thunderbolt™ 4 with USB4™ Type-C®40Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4); 1 headphone/microphone.combo; 1 AC power; 1 RJ-45; 3 SuperSpeed USB Type-A SGbps signaling rate (1 charging); 1 HDMI2.1 <sup>11</sup> ; (HDMIcable sold separately.); Optional Ports: 1 Smattcard reader (optional); 1 External Nano SIM slot for WWAN <sup>44</sup>
Input devices	HP Premium Keyboard – spil resistant, optional backlit keyboard <sup>14</sup> ; Clickpad with multi-touch gesture support;
Communications	Intel®1219-LM GbE, vPro%, Intel®129-V GbE, non-vPro%; Intel®Wi-FiGE AX211 (2x2) and Bluetooth®5.3 wireless card, vPro%, Intel®Wi-FiGE AX211 (2x2) and Bluetooth®5.3 wireless card, non-vPro®9.10.41.45; Intel®XM™ 7560 LTE Advanced Pro Cat 16; Near Field Communication (NFC) module
Camera	720p HD camera with temporal noise reduction; IR Camera (select models) <sup>12</sup>
Software	HP Connection Optimizer; HP Hotkey Support; HP MAC Address Manager; HP Support Assistant; HP Power Manager; myHP; HP Privacy Settings; Touchpoint Customizer for Commercial; HP Notifications; HP QuickDrop; HP Quick Touch; Buy Office (Sold separately) <sup>18,19</sup>
Availablesoftware	HP Smart Support <sup>57</sup>
Security management	Absolute persistence module; HP DriveLock and Automatic DriveLock; HP Serure Erase; HP Sure Click; HP Sure Sense; BIOS Update via Network; HP Sure Admin; HP BIOS phere Gen6; HP Client Security Manager Gen7; TPM 2.0 embedded security chip (Common Crieria EAL4 + and FIPS 140-2 Level 2 Certified); HP Sure Start Gen7; HP Wake on WLAN; HP Tamper Lock; HP Sure Run Gen5; HP Sure Recover Gen5; Secured-Core PC Enable; <sup>45,26,27,28,29,30,31,32,33,34</sup>
Security Software Licenses	HP Wolf Pro Security Edition <sup>56</sup>
Fingerprintreader	Fingerprint sensor (select models)
Management features	HP Client Management Script Library (download); HP Driver Packs (download); HP Client Catalog (download); HP Manageability Integration Kit Gen4 (download); HP Image Assistant Gen5 (download); HP Patch Assistant (download); HP Cloud Recovery; HP Connect for Microsoft Endpoint Manager <sup>20,21,22,23,24</sup>
Power	HP Smart 65 W External AC power adapter; HP Smart 65 W EM External AC power adapter; HP Smart 45 W External AC power adapter; HP Smart 65 W USB Type-C®adapter; HP Smart 45 W USB
Battery type	HP Long Life 3-cell, 42.75 Wh polymer, HP Long Life 3-cell, 51 Wh polymer <sup>36</sup>
Dimensions	12.67 x8.42 x0.78 in; 32.19 x21.39 x1.99 cm
Weight	Starting at 3.03 lb; Starting at 1.37 kg; (Weight will vary by configuration. Does not include power adapter.)
Ecolabels	EPEAT® registered configurations available; TCO Certified configurations available <sup>39</sup>
Energy star certified (series fixed)	ENERGY STAR® certified
Certification and compliance	CCC; CECP; GS Mark
Sustainable impact specifications	Low Halogen <sup>40</sup>
Warranty	HP Services offers 1 - year or 3 - year limited warranties and 90 day software limited warranty options depending on country. Batteries have a default one year limited warranty. Refer to http://www.hp.com/support/batterywarranty/for additional battery information. On-site service and extended coverage is also available. HP Care Pack Services are optional extended service contracts that go beyond the standard limited warranties. To choose the right level of service for your HP product, use the HP Care Pack Services Lookup Tool at: http://www.hp.com/go/cpc.

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### Accessories and services (not included)



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#### Messaging Footnotes

<sup>2</sup> 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. Intel's numbering, branding and/or naming is not a measurement of higher performance.
<sup>3</sup> Gigabit Class 46 UTE module is optional and must be configured at the factory. Module designed for up to 1 Gbps download speeds as carriers deploy 5 carrier aggregation and 100Mhz channel bandwidth, requires activation and separately purchased service contract. Backwards compatible to HSPA 3G technologies. Check with service provider for coverage and availability in your area. Connection, upload and download speeds will vary due to network, location, environment, network conditions, and service contract. Backwards compatible to HSPA 3G technologies. Check with service provider for coverage and availability in your area. Connection, up load and download speeds will vary due to network, location, environment, network con other factors. 4G LF not available on all products. In all regions. <sup>4</sup> HP Presencerequires myHP application and Windows 05. <sup>5</sup> HP Dynamic Audio requires Windows 10 and higher, compatible with internal PC speakers and analog headsets. <sup>6</sup> Requires HmyHP application and Windows 05. <sup>7</sup> Sold separately or as an optional feature. <sup>8</sup> HP Wolf Security for Business requires myHP application and windows 10 and higher, included security features and is available on HP Pro, Elite, Workstation, and RPOS products. See product details for included security features and OS requirements. <sup>9</sup> Optional feature must be configured at the time of purchase. <sup>10</sup> HP Tamper Lock must be enabled by the customer or your administrator. <sup>11</sup> Recycled plastic content percentage is based on the definition set in the EEE 1680.1-2018 standard. <sup>12</sup> 100% outer box packaging made from sustainably sourced cettified and recycled fibers. Fiber cushions made from 100% recycled wood fiber and organic material. Any plastic cushions are made from >90% recycled plastic. <sup>14</sup> Requires Windows 05. <sup>15</sup> HP Sure Ciker equires Windows 10 and higher. See https://bit.ly/2PritT6A\_SureClick for complete details. <sup>16</sup> HP Sure Sense is available on select HP PCs with Windows 10 Pro, Windows 11 Pro, or Windows 11 Enterprise 05. <sup>17</sup> HD displayresolution required to view HD images.

### **Technical Specifications Footnotes**

<sup>1</sup> Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows is automatically updated and enabled. High speed internet and Microsoft account required. JSP fees may apply and additional requirements may apply over time for updates. See http://www.windows.com. <sup>2</sup> This system is preinstalled with Windows 10 Pro software and also comes with alicense for Windows 11 Pro software and provision for recovery software. You may only use one version of the Windows software at atime. Switching between versions will require you to unistall oneversion and install the other version. You must back up all data (files, photos, etc.) before unistalling and installing operating systems to avoid loss of your data.

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3 Nulticore is designed to improve performance of certa is solutivere products. Not all customers or software products in cercessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software products. Not all customers or software products are considered as a software products. Not all customers or software products are considered as a software products. Not all customers or software products are considered as a software products. Not all customers or software products are considered as a software products.
4 Processor synchronization mode.
5 Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See www.intel.com/technology/turboboost for more information.
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7 Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See www.intel.com/technology/turboboost for more information.
6 Intel® Turbo Boost performance varies depending on application work as or Windows 7 operating system on products configured with helt and AMD 7 th generation and forward processors or provide any Windows 8 or Windows 7 operating system on products configured with helt and AMD 7 th generation and forward processors or provide any Wi

<sup>7</sup> Due to the non-industry standard nature of some third-party memory modules, were commend HP branded memory to ensure compatibility. If you mix memory speeds, the system will perform at the lower memory speed.
<sup>8</sup> For storage drives, GB = 1 billion bytes: TB = 1 trillion bytes: Actual formatted capacity is less. Up to 30 GB (for Windows 10 and 11) is reserved for system recovery software.
<sup>9</sup> Wi-FIGE requires a Wi-FIGE route, sold separately, to function in the 6GHz band. Availability of public wireless access points limited. Wi-FIGE is backwards compatible with prior 802.11 speess. And available in countries where Wi-FIGE is supported.
<sup>10</sup> SuperSpeed USB 20Gbps is notavailable to broit project your screen to TVs, projectors, and streaming.
<sup>11</sup> SuperSpeed USB 20Gbps is notavailable with Thunderbolt<sup>™</sup> 4.
<sup>12</sup> HD content required to view HD images.
<sup>13</sup> Intel<sup>®</sup> is<sup>®</sup> X<sup>e</sup> Graphics capabilities capabilities require system to be configured with thel<sup>®</sup> Core<sup>™</sup> is ori7 processors and dual channel memory. Intel<sup>®</sup> is<sup>®</sup> X<sup>e</sup> Graphics with Intel<sup>®</sup> Core<sup>™</sup> is or 7 processors and single channel memory will only function as UHD graphics.
<sup>14</sup> Backlit keyboard is an optional feature.
<sup>15</sup> Reclustions are dependent upon monitor capability, and resolution and color depth settings.
<sup>15</sup> LPA Sound isomer to an optional feature.

<sup>12</sup> Resolution sare dependent upon monitor cap ability, and resolution and color depth settings.
 <sup>14</sup> PG Sure View integrated privacy screen is an optional feature that must be configured at purchase and is designed to function in landscape orientation.
 <sup>17</sup> Actual brightness will belower with touchscreen or Sure View.
 <sup>18</sup> PG Sure View integrated privacy screen is an optional feature that must be configured at purchase and is designed to function in landscape orientation.
 <sup>17</sup> Actual brightness will belower with touchscreen or Sure View.
 <sup>18</sup> PL Support Assistant requires Windows and Internet access.
 <sup>19</sup> PL Quick Drop requires Internet access and Windows 10 or higher PC preinstalled with HP QuickDrop app and either an Android device (phone or tablet) running Android 7 or higher with the Android HP QuickDrop app, and *bran* IOS device (phone or tablet) running IOS 12 or higher With the Ox HP QuickDrop app, and *bran* IOS device (phone or tablet) running IOS 12 or higher View Numbaced Efford on Numbaced at http://www.hp.com/go.blientmanagement.
 <sup>20</sup> HP Drake Pasibility Hergration Kit can be downloaded from http://www.hp.com/go.blientmanagement.
 <sup>21</sup> HP Manageability Hergration Kit can be downloaded from http://www.hp.com/go.blientmanagement.
 <sup>22</sup> HP Manageability Hergration Kit can be downloaded from http://www.hp.com/go.blientmanagement.

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<sup>12</sup> HP Configure Control of and will be activated when customers activate apurchased by Doncor-SalePCS managed with Microsoft Endpoint Manager Equication (Microsoft Endpoint Manager Equication) (Microsoft Endpoint Microsoft Endpoint Manager Equication) (Microsoft Endpoint Microsoft Endpoint Manager Equication) (Microsoft Endpoint Microsoft Endpoint Microsoft Endpoint Microsoft Endpoint Microsoft Endpoint (Microsoft Endpoint) (Mi

<sup>37</sup> Availability may vary by country.
<sup>38</sup> HP Care Packs are sold separately. Service levels and response times for HP Care Packs may vary depending on your geographic location. Service starts on date of hardware purchase. Restrictions and limitations apply. For details, visit www.hp.com/go/pc.

<sup>24</sup> HP Cater Packs are sold separately. Service levels and response times for HP Cater Packs may vary depinding on your geographic to cation. Service stars on alter of nardware purchase. Nestrictions and limitations apply. For details, visit www.hp.com/go/cp.c. HP services are governed by the applicabile HP terms and conditions of service provided or indicated to Customer at the time of purchase. Customer may have additional statutory rights according to applicable local laws, and such rights are not in any way affected by the HP terms and conditions of service or the HP Limited Warranty provided with your HP product. <sup>39</sup> Based on US EPEAT<sup>®</sup> registration according to EEEE 1680.1-2018 EPEAT<sup>®</sup> EPEAT<sup>®</sup> status varies by country. Visit www.epeat. net form ore information. <sup>40</sup> External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen. <sup>41</sup> Intel vPro<sup>®</sup> requires Windows 10 Pro 64 bit or higher avPro supported processor, vPro enabled chipset, vPro enabled wired LAN and driv Wi-FIGE WLAN and TPM 2.0. Some functionality requires additional 3rd party software in order to run. Features of vPro<sup>®</sup> Essentials and Enterprise vary. See http://intel.com/yor 0. <sup>42</sup> Integrated graphics depends on processor. NVDIA® Optimus<sup>m</sup> technology, full enablement of all discrete graphics idea and distal underse may not and distal under some value.

of all discrete graphics video and display features may not be supported on all systems (e.g. OpenGL applications will run on the integrated GPU or the APU as the case may be).

of all discrete graphics video and display features may not be supported on all systems (e.g. OpenGL applications will run on the integrated GPU or the APU as the case may be).
<sup>44</sup> Scood Storage is only available with non-WM Nh sea twick AND Primary M.2 storage.
<sup>44</sup> SM Stot is not user accessible without WM Configuration.
<sup>45</sup> WM Nmodule's an optional feature, requires factory configuration and requires separately purchased service contract. Check with service provider for coverage and availability in your area. Connection speeds will vary due to location, environment, network conditions, and other factors. 4G IE not available on all products, in all regions.
<sup>56</sup> HP Wolf Security for Business requires Windows 10 or higher includes various HP security features and is available on HP Pro, Elte, RPOS and Workstation products. See product details for included security features and OS requirement.
<sup>57</sup> HP Smat Stupport automatically collects the telemetry necessary upon initial bot of the product to deliver device-level configuration and health in isgibts and is available preinstalled on select products, thru HP Factory Configuration Services; or it can be downloaded. For more information about how to enable HP Smat Support or for download, please visit http://www.hp.com/smat-support.

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