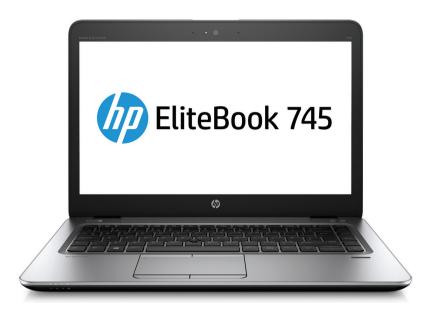
# HP EliteBook 745 G3 Notebook PC



### **Ultra-slim meets mainstream**

Enjoy the thin, light, and cost effective HP EliteBook 745. Be ultra-productive by staying connected with impressive collaboration and connectivity features for your growing business on the HP EliteBook 745.



- Windows 10 Pro<sup>1</sup>
- Screen Size: 35,56 cm (14") diagonal

### Slim new design with all the right ports

• Connect with all of the essential ports you need without the hassle of dongles - in a thin and light design. At just 18.9 mm, the HP EliteBook 745 comes with VGA, Display Port, RJ-45 and enterprise docking capabilities.

#### Strong security, powerful manageability

 Protect, detect, and recover from malicious attacks with HP Sure Start - the industry's first self-healing BIOS. Keep your team up and running with HP Touchpoint Manager<sup>2</sup> and DASH<sup>3</sup> manageability to help monitor the HP EliteBook 745.

### **Designed for collaboration**

• Replace your speaker phone with the HP EliteBook 745 with Audio by Bang & Olufsen that provides a rich collaboration

### experience for applications like Skype for Business.<sup>5</sup>

### Great features and value, from HP!

The ultrathin HP EliteBook 745 delivers tremendous value. HP is the first to offer the new high-performance AMD PRO A12
 APU,<sup>4</sup> the first commercial APU with integrated Radeon™ R7 graphics that help harness the full potential of your applications.

### Featuring

- Power through your day with Windows 10 Pro<sup>1</sup> and the powerful, sleek, thin, and light touch optional HP EliteBook 745.
- HP Sure Start detects attacks, corruption and self-heals the BIOS automatically.
- Keep focused without the distraction of a noisy keyboard using the HP Premium Keyboard engineered for comfort.
- Stand up to the workload with an EliteBook that passed MIL-SPEC 810G testing.<sup>6</sup>
- Easily expand your system's serviceable components.<sup>8</sup>
- Help make good speakers sound great with HP Clear Sound Amp.
- Help suppress ambient noise including keyboard clicks with HP Noise Reduction Software.
- Experience the brilliant color saturation that makes images come to life with AMD Vivid Color Technology.<sup>7</sup>

# HP EliteBook 745 G3 Notebook PC Specifications Table



2 MB cache, 4 cores), 400 PR0 A8-86008 APU with Radeon* R6 Graphics 1.6 GH2, up to 3 GH2, 2 MB cache, 4 cores)         Chipset       Chipset is integrated with processor         Maximum Memory       Up to 5 GB DRAS-S0RAM*         Standed memory note: Transfer rates up to 1600 MT5, SDDIMM slots are customer accessibile/upgradeable. Supports dual channel memory.         Memory Sites       2 SDDIMM         Internal Storage       up to 500 GS SNR 7200 rpm <sup>16</sup> up to 500 GS SNR 7200 rpm <sup>16</sup> up to 500 GS SNR 751 r40 - SSD C7200 rpm <sup>16</sup> up to 500 GS SNR 751 r40 - SSD C7200 rpm <sup>16</sup> up to 500 GS SNR 751 r40 - SSD C7200 rpm <sup>16</sup> up to 500 GS SNR 751 r40 - SSD C7200 rpm <sup>16</sup> up to 500 GS SNR 751 r40 - SSD C7200 rpm <sup>16</sup> up to 500 GS SNR 751 r40 - SSD C7200 rpm <sup>16</sup> up to 500 GS SNR 751 r40 - SSD C7200 rpm <sup>16</sup> up to 500 GS SNR 751 r40 - SSD C7200 rpm <sup>16</sup> up to 500 GS SNR 751 r40 - SSD C7200 rpm <sup>16</sup> up to 500 GS SNR 751 r40 - SSD C7200 rpm <sup>16</sup> up to 500 GS SNR 751 r40 - SSD C7200 rpm <sup>16</sup> up to 500 GS SNR 751 r40 - SSD C7200 rpm <sup>16</sup> up to 500 GS SNR 751 r40 - SSD C7200 rpm <sup>16</sup> up to 500 GS SNR 751 r40 - SSD C7200 rpm <sup>16</sup> up to 500 GS SNR 751 r40 - SSD C7200 rpm <sup>16</sup> up to 500 GS SNR 751 r40 - SSD C7200 rpm <sup>16</sup> up to 500 GS SNR 751 r40 - SSD C7200 rpm <sup>16</sup> up to 500 GS SNR 751 r40 - SSD C7200 rpm <sup>16</sup> up to 500 GS SNR 751 r40 - SSD C7200 rpm <sup>16</sup> up to 500 GS SNR 751 r40 - SSD C7200 rpm <sup>16</sup> up to 500 GS SNR 751 r40 - SSD C7200 rpm <sup>16</sup> up to 500 GS SNR 751 r40 - SSD C7200 rpm <sup>16</sup> up to 500 GS SNR 751 r40 - SSD C7200 rpm <sup>16</sup> up to 500 GS SNR 751 r40 - SSD C7200 rpm <sup>16</sup> up to 500 GS SNR 751 r40 - SSD C7200 rpm <sup>16</sup> up to 500 GS SNR 751 r40 - SSD C7200 rpm <sup>16</sup> up to 500 GS SNR 751 r40 - SSD C7200 rpm <sup>16</sup> UP to 500 GS SNR 751 r40 - SSD C7200 rpm <sup>16</sup> SSD C7200			
Available Processors*       AMD PR0 A12-8000 APU with Reduction* R5 Graphics 11.5 GHz, up to 3 GHz, 2 MB cache, 4 cored         Chipset       Chipset in integrated with processor         Reading Memory       Up to 16 GB 00024-SDBMA*         Standard memory neuron       Up to 16 GB 00024-SDBMA*         Memory Slots       2 SDBMA         Network       2 SDBMA         2 SDBMA </td <td>Available Operating System</td> <td>Windows 10 Home 64<sup>1</sup> Windows 7 Professional 32 (available through downgrade rights from Windows 10 Pro 64)<sup>2</sup> Windows 8.1 Pro 64<sup>1</sup> Windows 8.1 Fro 64<sup>1</sup> Windows 8.1 Gd<sup>1</sup> Windows 7 Professional 32<sup>1</sup> Windows 7 Professional 64<sup>1</sup></td>	Available Operating System	Windows 10 Home 64 <sup>1</sup> Windows 7 Professional 32 (available through downgrade rights from Windows 10 Pro 64) <sup>2</sup> Windows 8.1 Pro 64 <sup>1</sup> Windows 8.1 Fro 64 <sup>1</sup> Windows 8.1 Gd <sup>1</sup> Windows 7 Professional 32 <sup>1</sup> Windows 7 Professional 64 <sup>1</sup>	
ZNB cache, 4 coms), AMD PR0.84,80008 APU with Radeom* Ris Graphics (1, 6 GHz, up to 3 GHz, 2 MS cache, 4 cores)         Chipset       Chipset is integrated with processor         Naximum Memory       Up to 1 GB DDB3 Z SDDM4 *         Standard memory note: Transfer rates, up to 1600 MT/s. S001MM slots are customer accessibile/upgradeable. Supports dual channel memory.         Nemory Slots       Z SDDIMM         Internal Storage       Up to 500 GS XMR 7200 rpm/* up to 500 GS XMR 2500 rpm/* up to 500 GS XMR SED (7200 rpm/* up to 500 GS XMR SED (7200 rpm/* up to 500 GS XMR SED SSD YZ 200 rpm/* up to 500 GS XMR SED SSD YZ 200 rpm/* up to 500 GS XMR SED SSD YZ 200 rpm/* up to 500 GS XMR SED SSD YZ 200 rpm/* up to 500 GS XMR SED SSD YZ 200 rpm/* up to 500 GS XMR SED SSD YZ 200 rpm/* up to 500 GS XMR SSN 240 GB XZ SSN HUCS SSD YZ 200 rpm/* up to 500 GS XMR SSN 250 SSD YZ 200 rpm/* up to 500 GS XMR SSN 250 SSD YZ 200 rpm/* up to 500 GS XMR SSN 250 SSD YZ 200 rpm/* up to 500 GS XMR SSN 250 SSD YZ 200 rpm/* up to 500 GS XMR SSN 250 SSD YZ 200 rpm/* up to 500 GS XMR SSN 250 SSD YZ 200 rpm/* up to 500 GS XMR SSN 250 SSD YZ 200 rpm/* up to 500 GS XMR SSN 250 SSD YZ 200 rpm/* up to 500 GS XMR SSN 250 SSD YZ 200 rpm/* up to 500 GS XMR SSN 250 SSD YZ 200 rpm/* up to 500 GS XMR SSN 250 SSD YZ 200 rpm/* up to 500 GS XMR SSN 250 SSD YZ 200 rpm/* up to 500 GS XMR SSN 250 SSD YZ 200 rpm YZ 200 rpm XSMR 200	Processor Family <sup>4</sup>	AMD PRO A-Series APUs	
Reakmum Nemory         Up to 16 (68 0DR81-SDRM)*           Standard memory note: Transfer rates up to 1600 MTK: SDDIMM slots are customer accessible/upgradeable. Supports dual channel memory.           Remory Slots         Z SDIMM           Internal Storage         up to 500 dS SIA (7200 rpm)* up to 500 dS SIA (7200 rpm)* up to 500 dS SIA (7200 rpm)* up to 500 dS SIA (750 rpm)* up to 500 dS SIA (751 rV200 rpm)* up to 500 dB SIA (750 rV200 rpm)* up to 700 dB there, integrated AIA (750 rV200 rpm)* stora (751 rV200	Available Processors <sup>4</sup>	AMD PRO A12-8800B APU with Radeon <sup>™</sup> R7 Graphics (2.1 GHz, up to 3.4 GHz, 2 MB cache, 4 cores); AMD PRO A10-8700B APU with Radeon <sup>™</sup> R6 Graphics (1.8 GHz, up to 3.2 MB cache, 4 cores); AMD PRO A8-8600B APU with Radeon <sup>™</sup> R6 Graphics (1.6 GHz, up to 3 GHz, 2 MB cache, 4 cores)	
Standard memory nate: Transfer rates up to 1600 Mf/s. 500IMM slots are customer accessible/upgradeable. Supports dual channel memory.           Memory Slots         2500IMM           Internal Storage         up to 500 GE SNA (7200 rpm) <sup>6</sup> up to 178 SATA (5400 rpm) <sup>6</sup> up to 500 GE SNA 1875 100 25 SED 1220 rpm) <sup>6</sup> up to 500 GE SNA SED 12200 rpm) <sup>6</sup> to 500 GE SNA SED 12200 rpm) <sup>6</sup> up to 550 GE ACCE SSP <sup>1</sup> up to 550 GE ACCE SSP <sup>1</sup> and 250 GE ACCE SSP <sup>1</sup> scalar and the SSNA anti-glare slim LED-backlit (1366 x 768); 35,56 cm (147) diagonal FHD SNA anti-glare slim LED-backlit fug20 x 1080); 35,56 cm (147) diagonal Available Graphics           Integrated: AMD Radon <sup>man</sup> RY, AND Radon <sup>man</sup> RS Audio         Audio by Bang & Outsern Integrated dual array microphone; Integrated premium speakers; HP Noise Reduction Software; HP Claer Sound Amp           Wriefees Technologies         HP H41 20 LTF (FWO)H-SPA- Quatcom <sup>man</sup> Snapdragon TXS <sup>man</sup> LT albig/Infac X21 and Bluetoath <sup>4</sup> A 1 Comby, Intel 802.1 Habg/Infac X21 and Bluetoath <sup>4</sup> A 1 Comby, Intel 802.1 Habg/Infac X21 and Bluetoath <sup>4</sup> A 1 Comby, Intel 802.1 Habg/Infac X21 and Bluetoath <sup>4</sup> A 1 Comby, Intel 802.1 Habg/Infac X21 and Bluetoath <sup>4</sup> A 1 Comby, Intel 802.1 Habg/Infac X21 and Bluetoath <sup>4</sup> A 1 Comby, Intel 802.1 Habg/Infac X21 and Bluetoath <sup>4</sup> A 1 Comby, Intel 802.1 Habg/Infac X21 and Bluetoath <sup>4</sup> A 1 Comby, Intel 802.1 Habg/Infac X21 and Bluetoath <sup>4</sup> A 1 Comby, Intel 802.1 Habg/Infac X21 and Bluetoath <sup>4</sup> A 1 Comby, Intel 802.1 Habg/Infac X21 and Bluetoath <sup>4</sup> A 1 Comby, Intel 802.1 Habg/Infac X21 and Bluetoath <sup>4</sup> A 1 Comby, Intel 802.1 Habg/Infac X21 and Blue	Chipset	Chipset is integrated with processor	
Internal Storage up to 500 GE SATA (7200 pm) <sup>16</sup> up to 118 SATA (F200 pm) <sup>16</sup> up to 118 SATA (F200 pm) <sup>16</sup> up to 500 GE SATA SED (7200 pm) <sup>16</sup> 180 GB up to 246 GM 2 SATA NLC SSD <sup>1</sup> 180 GB up to 246 GM 2 SATA NLC SSD <sup>1</sup> 180 GB up to 246 GM 2 SATA NLC SSD <sup>1</sup> up to 556 GM 2 PLOE SSD <sup>1</sup> up to 526 GM 2 PLOE SSD <sup>1</sup> up to 526 GM 2 PLOE SSD <sup>1</sup> up to 526 GM 2 PLOE SSD <sup>1</sup> UWA anti-glare ultra-slim LED-backlit (1366 x 768): 35,56 cm (147) diagonal FRD SVA anti-glare slim LED-backlit (1920 x 1080); 35,56 cm (147) diagonal FD SVA slim LED-backlit touch screen (1920 x 1080); 17,86 GM 2 SATA NLC SSD <sup>1</sup> up to 500 GB SATA ULTSSD <sup>10</sup> up to 500 GB SATA SSD <sup>10</sup> UWA anti-glare ultra-slim LED-backlit (2560 x 1440); 35,56 cm (147) diagonal FDD SVA slim LED-backlit touch screen (1920 x 1080); 17,800 GM 2 SATA SSD <sup>10</sup> UWA anti-glare ultra-slim LED-backlit (2560 x 1440); 35,56 cm (147) diagonal FDD SVA slim LED-backlit touch screen (1920 x 1080); 18,56 Cm (147) diagonal FDD SVA slim LED-backlit touch screen (1920 x 1080); 18,56 Cm (147) diago UWA anti-glare ultra-slim LED-backlit (250 x 1140); 17,800 GM 2 M 2 M 2 M 2 M 2 M 2 M 2 M 2 M 2 M	Maximum Memory		
up to 11 SATA (5400 rpm) <sup>6</sup> up to 500 GE SATA FIPS 140-2 SED (7200 rpm) <sup>6</sup> up to 500 GE SATA SED (7200 rpm) <sup>6</sup> up to 500 GE SATA MIC SED (7200 rpm) <sup>6</sup> up to 500 GE SATA MIC SED S20 <sup>6</sup> up to 500 GE SATA MIC SED S20 <sup>6</sup> up to 500 GE SATA MIC SED S20 <sup>6</sup> up to 500 GE SATA MIC SED S20 <sup>6</sup> up to 500 GE GATE SATA MIC SED S20 <sup>6</sup> up to 500 GE GATE SATA MIC SED S20 <sup>6</sup> up to 500 GE GATE SATA MIC SED S20 <sup>6</sup> up to 500 GE GATE SATA MIC SED S20 <sup>6</sup> up to 500 GE GATE SATA MIC SED S20 <sup>6</sup> valiable Graphics       Integrated: AR0 Radeon <sup>TM</sup> R5         Available Graphics       Integrated: AR0 Radeon <sup>TM</sup> R5         Audio Manuelland Calar duration of Sata Mic Seb Calar Microbine, Integrated durating spakers; HP Noise Reduction Software; HP Clear Sound Amp         Wireless Technologies       HP Int 20 Life/FV00/HSPA+ Qualcomm® Sapdragont XS <sup>M</sup> Life Mobile Broadband; HP Isa 110 HSPA+ Mobile Broadband; Realtek 802.11 b/g/n (1x1); Broadcon Duel Sata Microbine (Integrated Manuella); AD Isa 30, UTEF (VIO)01000 DE Enternet NIC MID ASH support         Communications       Broadcon XF62 Life 100 01000 DE Enternet NIC MID ASH support         Expansion Slots       1 media cad reader; 1 external SM (Supports 0, SMC, SMC, SMC         Support for Macazet (Windows 8.1 and Windows 10)       Gate Sata Microbane Microbane Microbane Microbane Microbane Microbane Microbane Microbane Mic	Memory Slots	2 SODIMM	
UWVA anti-glare ultra-slim LED-backlit (2560 x 1440); 35,56 cm (14') diagonal FHD SVA slim LED-backlit touch screen (1920 x 1080) <sup>12</sup> Available Graphics         Integrated. AMD Radeon <sup>™</sup> R7; AMD Radeon <sup>™</sup> R6           Audio         Audio by Bang & Olufser; Integrated dual array microphone; Integrated premium speakers; HP Noise Reduction Software; HP Clear Sound Amp           Wirreless Technologies         HP It4120 LTF/EVD0/HSPA+ Qualcom <sup>™</sup> SnapfragonT X5 <sup>™</sup> LTE Mobile Broadband; HP hs3110 HSPA+ Mobile Broadband; Realtek 802.11 b/g/n (1x1); Broadcom Dual Band 802.11 a/b/g/n/ac (2x2) and Bluetooth <sup>®</sup> 4.1 Combo; Near Field Communication (NFC) module (optional) <sup>8,81,011</sup> Communications         Broadcom 5762 10/100/1000 Ethernet NIC with DASH support           Expansion Slots         1 media card reader; 1 external SIM (Support SD S.) SDHC, SDNC.           Ports and Connectors         1 USB 3.0.1 USB 3.0.0 Fusging; 1 USB Type-C <sup>™</sup> ; 1 DisplayPort; 1 VGA; 1 headphone/microphone combo; 1 AC power; 1 RJ-45; 1 docking connector           Input Device         Spill-resistant beyboard with drain; Spill-resistant backlik keyboard with drain and DuraKeys (optional) Glass touchpad (with chemically tethed surface) with on/off button, supports 2-way scroll, taps and gestures enabled by default, two-finger scrolling, two finger zoom (pinc Pointsick           Webcam         720p HD webcam Gelect models) <sup>12</sup> Available Software         Buy Office; HP BIOSphere with HP Sure Start; HP Client Security; HP Perint Driver; HP Support Assistant; HP SoftPaq Download Manager; HP 3D Drivegard; HP Connection M (modelds with Windows 7 only); HP Mobile Connect (models with Windows 5	Internal Storage	up to 1 TB SATA (5400 rpm) <sup>6</sup> up to 500 GB SATA FIBS 140-2 SED (7200 rpm) <sup>6</sup> 180 GB up to 240 GB M.2 SATA MLC SSD <sup>6</sup> 180 GB up to 256 GB M.2 SATA MLC SSD <sup>6</sup> 128 GB up to 512 GB M.2 SATA TLC SSD <sup>6</sup> 128 GB up to 512 GB M.2 SATA TLC SSD <sup>6</sup> up to 256 GB M.2 PCIe SSD <sup>6</sup>	
Audio       Audio by Bang & Olufsen; Integrated dual array microphone; Integrated premium speakers; HP Noise Reduction Software; HP Clear Sound Amp         Wireless Technologies       HP It4120 LTE/EVD0/HSPA+ Qualcomm® SnapdragonT X5™ LTE Mobile Broadband; HP hs3110 HSPA+ Mobile Broadband; Realtek 802.11 b/g/n (1x1); Broadcom Dual Band 802.11 a/b/g/n (2x2) and Bluetooth® 4.0 Combo; Intel 802.11 a/b/g/n/ac (2x2) and Bluetooth® 4.1 Combo; Near Field Communication (NFC) module (optional) <sup>85.16,11</sup> Communications       Broadcom 5762 10/100/1000 Ethernet NIC with DASH support         Expansion Slots       1 media card reader; 1 external SIM (Supports 50, SDHC, SDXC.)         Ports and Connectors       1 USB 3.0; TUSB 3.0; charging; 1 USB Type-C™; 1 DisplayPort; 1 VGA; 1 headphone/microphone combo; 1 AC power; 1 RJ-45; 1 docking connector         Input Device       Spill-resistant keyboard with drain; Spill-resistant backlit keyboard with drain and DuraKeys (optional) Glass touchpad (with chernically etched surface) with on/off button, supports 2-way scroll, taps and gestures enabled by default, two-finger scrolling, two finger zoom (pinc Pointsick         Webcam       720p HD webcam (select models) <sup>12</sup> Available Software       Buy Office; HP Bl0pSphere with HP Sure Start; HP Client Security; HP ePrint Driver; HP Support Assistant; HP SoftPaq Download Manager; HP 3D Driveguard; HP Connection M (models with Windows 7 only); HP Mobile Connect (models with Windows 8.1); HP Recovery Manager (models with Windows 7 only); HP Noise Reduction Software <sup>13,14</sup> Security Management       Security lock shot (lock must be purchased separately); TPM 1.2/2.0; Integrated smart card reader (active	Display	35,56 cm (14") diagonal HD SVA anti-glare slim LED-backlit (1366 x 768); 35,56 cm (14") diagonal FHD SVA anti-glare slim LED-backlit (1920 x 1080); 35,56 cm (14") diagonal QH UWVA anti-glare ultra-slim LED-backlit (2560 x 1440); 35,56 cm (14") diagonal FHD SVA slim LED-backlit touch screen (1920 x 1080) <sup>12</sup>	
Wireless Technologies       HP [tt120 IT://EVD0/HSPA+ Qualcomm <sup>®</sup> Snapdragon X S <sup>™</sup> ITE Mobile Broadband; HP hs3110 HSPA+ Mobile Broadband; Realtek 802.11b/g/n (1x1); Broadcom Dual Band 802.11a/b/g/n (2x2) and Bluetooth <sup>®</sup> 4.0 Combo; Intel 802.11a/b/g/n (2x2) and Bluetooth <sup>®</sup> 4.1 Combo; Near Field Communication (NFC) module (optional) <sup>8.510.11</sup> Communications       Broadcom 5762 10/100/1000 Ethernet NIC with DASH support         Expansion Slots       1 media card reader; 1 external SIM (Support 5.0S. SDHC, SDVC.)         Ports and Connectors       1 USB 3.0; 1 USB 3.0; Charging; 1 USB Type-C <sup>™</sup> ; 1 DisplayPort; 1 VGA; 1 headphone/microphone combo; 1 AC power; 1 R)-45; 1 docking connector         Input Device       Spill-resistant keyboard with drain; Spill-resistant backlit keyboard with drain and Durakeys (optional)         Glass touchpad (with chemically etched surface) with on/off button, supports 2-way scroll, taps and gestures enabled by default, two-finger scrolling, two finger zoom (pinc Pointstick         Webcam       720p HD webcam (select models) <sup>12</sup> Available Software       Buy Office; HP BIOSphere with HP Sure Start; HP Client Security; HP ePrint Driver; HP Support Assistant; HP SoftPaq Download Manager; HP 3D Driveguard; HP Connection M (models with Windows 7 only); HP Mobile Connect (models with Windows 8.1); HP Recovery Manager (models with Windows 7 only); HP Noise Reduction Software <sup>13,14</sup> Security Management       Security Jock slot (lock must be purchased separately); TPM 1.2/2.0; Integrated smart card reader (active); Preboot Authentication (password, Smart Card); HP Fingerprint recoptional) <sup>16</sup> Power       45 W Smart Ac	Available Graphics	Integrated: AMD Radeon™ R7; AMD Radeon™ R6	
B02.11a/b/g/n (2x2) and Bluetooth® 4.0 Combos, intel 802.11a/b/g/n/ac (2x2) and Bluetooth® 4.1 Combos; Near Field Communication (NFC) module (optional) <sup>8.3.10.11</sup> Communications       Broadcom 5762 10/100/1000 Ethernet NIC with DASH support         Expansion Slots       1 media card reader; 1 external SIM (Supports SD, SDHC, SDXC.)         Ports and Connectors       1 USB 3.0; 11 USB 3.0; charging; 11 USB Type-C®; 1 DisplayPort; 1 VGA; 1 headphone/microphone combo; 1 AC power; 1 RJ-45; 1 docking connector         Input Device       Spill-resistant keyboard with drain; Spill-resistant backlit keyboard with drain and DuraKeys (optional) Glass touchpad (with chemically ethed surface) with on/off button, supports 2-way scroll, taps and gestures enabled by default, two-finger scrolling, two finger zoom (pinc Pointstick         Webcam       720p HD webcam (select models) <sup>12</sup> Available Software       Buy Office; HP BIOSphere with HP Surs Start; HP Client Security; HP ePrint Driver; HP Support Assistant; HP SoftPaq Download Manager; HP 3D Driveguar; HP Client Security in Management         Security Management       Security lock slot (lock must be purchased separately); TPM 1.2/2.0; Integrated smart card reader (active); Preboot Authentication (password, Smart Card); HP Fingerprint re (optional) <sup>18</sup> Power       45 W Smart AC adapter HP Long Life 3-cell, 46 WHr Li-ion polymer Up to 8 hours and 15 minutes <sup>17</sup> Dimensions       33.8 x 23.7 x 1.89 cm (non-touch); 33.8 x 23.7 x 2.02 cm (touch)         Weight       Starting at 1.54 kg (non-touch); Starting at 1.7 kg (touch) (Weight will vary by configuration.)     <	Audio	Audio by Bang & Olufsen; Integrated dual array microphone; Integrated premium speakers; HP Noise Reduction Software; HP Clear Sound Amp	
Expansion Slots       1 media card reader; 1 external SIM (Supports SD, SDHC, SDXC.)         Ports and Connectors       1 USB 3.0; 1 USB 3.0; 1 USB Type-C <sup>™</sup> ; 1 DisplayPort; 1 VGA; 1 headphone/microphone combo; 1 AC power; 1 RJ-45; 1 docking connector         Input Device       Spill-resistant keyboard with drain; Spill-resistant backlit keyboard with drain and DuraKeys (optional) Glass touchpad (with chemically etched surface) with on/off button, supports 2-way scroll, taps and gestures enabled by default, two-finger scrolling, two finger zoom (pinc Pointstick         Webcam       720p HD webcam (select models) <sup>1/2</sup> Available Software       Buy Office; HP BIOSphere with HP Sure Start; HP Client Security; HP ePrint Driver; HP Support Assistant; HP SoftPaq Download Manager; HP 3D Driveguard; HP Connection M (models with Windows 7 only); HP Mobile Connect (models with Windows 8.1); HP Recovery Manager (models with Windows 7 only); HP Noise Reduction Software <sup>13,14</sup> Security Management       Security lock slot (lock must be purchased separately); TPM 1.2/2.0; Integrated smart card reader (active); Preboot Authentication (password, Smart Card); HP Fingerprint re (optional) <sup>1/8</sup> Power       45 W Smart AC adapter HP Long Life 3-cell, 46 WHr Li-ion polymer Up to 8 hours and 15 minutes <sup>17</sup> Dimensions       33.8 x 23.7 x 1.89 cm (non-touch); 33.8 x 23.7 x 2.02 cm (touch)         Weight       Starting at 1.5 kg (non-touch); Starting at 1.7 kg (touch) (Weight will vary by configuration.)         Environmental       Low halogen <sup>15</sup> Energy Efficiency Compliance       ENERGY STAR® certified configurati	Wireless Technologies	802.11a/b/g/n (2x2) and Bluetooth® 4.0 Combo; Intel 802.11a/b/g/n/ac (2x2) and Bluetooth® 4.1 Combo; Near Field Communication (NFC) module (optional) <sup>8.9.10.11</sup>	
(Supports SD, SDHC, SDXC.)         Ports and Connectors       1 USB 3.0; 1 USB 3.0; charging; 1 USB Type-C™; 1 DisplayPort; 1 VGA; 1 headphone/microphone combo; 1 AC power; 1 RJ-45; 1 docking connector         Input Device       Spill-resistant keyboard with drain; Spill-resistant backlit keyboard with drain and DuraKeys (optional) Glass touchpad (with chemically etched surface) with on/off button, supports 2-way scroll, taps and gestures enabled by default, two-finger scrolling, two finger zoom (princ Pointstick         Webcam       720p HD webcam (select models) <sup>12</sup> Available Software       Buy Office; HP BIOSphere with HP Sure Start; HP Client Security; HP ePrint Driver; HP Support Assistant; HP SoftPaq Download Manager; HP 3D Driveguard; HP Connection M (models with Windows 7 only); HP Mobile Connect (models with Windows 8.1); HP Recovery Manager (models with Windows 7 only); HP Noise Reduction Software <sup>13,14</sup> Security Management       Security lock slot (lock must be purchased separately); TPM 1.2/2.0; Integrated smart card reader (active); Preboot Authentication (password, Smart Card); HP Fingerprint re (optional) <sup>18</sup> Power       45 W Smart AC adapter HP Long Life 3-cell, 46 WHr Li-ion polymer Up to 8 hours and 15 minutes <sup>17</sup> Dimensions       33.8 x 23.7 x 1.89 cm (non-touch); 33.8 x 23.7 x 2.02 cm (touch)         Weight       Low halogen <sup>15</sup> Environmental       Low halogen <sup>15</sup> Energy Efficiency Compliance       ENRGY STAR® certified configurations available	Communications	Broadcom 5762 10/100/1000 Ethernet NIC with DASH support	
Input Device       Spill-resistant keyboard with drain; Spill-resistant backlit keyboard with drain and DuraKeys (optional)         Glass touchpad (with chemically etched surface) with on/off button, supports 2-way scroll, taps and gestures enabled by default, two-finger scrolling, two finger zoom (pinc Pointstick         Webcam       720p HD webcam (select models) <sup>12</sup> Available Software       Buy Office; HP BIOSphere with HP Sure Start; HP Client Security; HP ePrint Driver; HP Support Assistant; HP SoftPaq Download Manager; HP 3D Driveguard; HP Connection M (models with Windows 7 only); HP Mobile Connect (models with Windows 8.1); HP Recovery Manager (models with Windows 7 only); HP Noise Reduction Software <sup>13,14</sup> Security Management       Security lock slot (lock must be purchased separately); TPM 1.2/2.0; Integrated smart card reader (active); Preboot Authentication (password, Smart Card); HP Fingerprint re. (optional) <sup>18</sup> Power       45 W Smart AC adapter         HP Long Life 3-cell, 46 WHr Li-ion polymer         Up to 8 hours and 15 minutes <sup>17</sup> Dimensions       33.8 x 23.7 x 1.89 cm (non-touch); 33.8 x 23.7 x 2.02 cm (touch)         Weight       Starting at 1.54 kg (non-touch); Starting at 1.7 kg (touch) (Weight will vary by configuration.)         Environmental       Low halogen <sup>15</sup> Energy Efficiency Compliance       ENERGY STAR® certified configurations available	Expansion Slots		
Glass touchpad (with chemically etched surface) with on/off button, supports 2-way scroll, taps and gestures enabled by default, two-finger scrolling, two finger zoom (pinc Pointstick         Webcam       720p HD webcam (select models) <sup>12</sup> Available Software       Buy Office; HP BIOSphere with HP Sure Start; HP Client Security; HP ePrint Driver; HP Support Assistant; HP SoftPaq Download Manager; HP 3D Driveguard; HP Connect (models with Windows 8.1); HP Recovery Manager (models with Windows 7 only); HP Noise Reduction Software <sup>13,14</sup> Security Management       Security lock slot (lock must be purchased separately); TPM 1.2/2.0; Integrated smart card reader (active); Preboot Authentication (password, Smart Card); HP Fingerprint recoptional) <sup>18</sup> Power       45 W Smart AC adapter HP Long Life 3-cell, 46 WHr Li-ion polymer Up to 8 hours and 15 minutes <sup>17</sup> Dimensions       33.8 x 23.7 x 1.89 cm (non-touch); 33.8 x 23.7 x 2.02 cm (touch) (Weight will vary by configuration.)         Environmental       Low halogen <sup>15</sup> Energy Efficiency Compliance       ENERGY STAR® certified configurations available	Ports and Connectors	1 USB 3.0; 1 USB 3.0 charging; 1 USB Type-C™; 1 DisplayPort; 1 VGA; 1 headphone/microphone combo; 1 AC power; 1 RJ-45; 1 docking connector	
Available Software       Buy Office; HP BIOSphere with HP Sure Start; HP Client Security; HP ePrint Driver; HP Support Assistant; HP SoftPaq Download Manager; HP 3D Driveguard; HP Connection M (models with Windows 7 only); HP Mobile Connect (models with Windows 8.1); HP Recovery Manager (models with Windows 7 only); HP Noise Reduction Software <sup>13,14</sup> Security Management       Security lock slot (lock must be purchased separately); TPM 1.2/2.0; Integrated smart card reader (active); Preboot Authentication (password, Smart Card); HP Fingerprint recoptional) <sup>18</sup> Power       45 W Smart AC adapter HP Long Life 3-cell, 46 WHr Li-ion polymer Up to 8 hours and 15 minutes <sup>17</sup> Dimensions       33.8 × 23.7 × 1.89 cm (non-touch); 33.8 × 23.7 × 2.02 cm (touch)         Weight       Starting at 1.54 kg (non-touch); Starting at 1.7 kg (touch) (Weight will vary by configuration.)         Environmental       Low halogen <sup>15</sup> Energy Efficiency Compliance       ENERGY STAR® certified configurations available	Input Device	Glass touchpad (with chemically etched surface) with on/off button, supports 2-way scroll, taps and gestures enabled by default, two-finger scrolling, two finger zoom (pinch);	
(models with Windows 7 only); HP Mobile Connect (models with Windows 8.1); HP Recovery Manager (models with Windows 7 only); HP Noise Reduction Software <sup>13,14</sup> Security Management       Security lock slot (lock must be purchased separately); TPM 1.2/2.0; Integrated smart card reader (active); Preboot Authentication (password, Smart Card); HP Fingerprint recoptional) <sup>18</sup> Power       45 W Smart AC adapter HP Long Life 3-cell, 46 WHr Li-ion polymer Up to 8 hours and 15 minutes <sup>17</sup> Dimensions       33.8 x 23.7 x 1.89 cm (non-touch); 33.8 x 23.7 x 2.02 cm (touch)         Weight       Starting at 1.54 kg (non-touch); Starting at 1.7 kg (touch) (Weight will vary by configuration.)         Environmental       Low halogen <sup>15</sup> Energy Efficiency Compliance       ENERGY STAR® certified configurations available	Webcam	720p HD webcam (select models) <sup>12</sup>	
(optional) <sup>18</sup> Power       45 W Smart AC adapter HP Long Life 3-cell, 46 WHr Li-ion polymer Up to 8 hours and 15 minutes <sup>17</sup> Dimensions       33.8 x 23.7 x 1.89 cm (non-touch); 33.8 x 23.7 x 2.02 cm (touch)         Weight       Starting at 1.54 kg (non-touch); Starting at 1.7 kg (touch) (Weight will vary by configuration.)         Environmental       Low halogen <sup>15</sup> Energy Efficiency Compliance       ENERGY STAR® certified configurations available	Available Software	Buy Office; HP BIOSphere with HP Sure Start; HP Client Security; HP ePrint Driver; HP Support Assistant; HP SoftPaq Download Manager; HP 3D Driveguard; HP Connection Manager (models with Windows 7 only); HP Mobile Connect (models with Windows 8.1); HP Recovery Manager (models with Windows 7 only); HP Noise Reduction Software <sup>13,14</sup>	
HP Long Life 3-cell, 46 WHr Li-ion polymer Up to 8 hours and 15 minutes <sup>17</sup> Dimensions       33.8 x 23.7 x 1.89 cm (non-touch); 33.8 x 23.7 x 2.02 cm (touch)         Weight       Starting at 1.54 kg (non-touch); Starting at 1.7 kg (touch) (Weight will vary by configuration.)         Environmental       Low halogen <sup>15</sup> Energy Efficiency Compliance       ENERGY STAR® certified configurations available	Security Management	Security lock slot (lock must be purchased separately); TPM 1.2/2.0; Integrated smart card reader (active); Preboot Authentication (password, Smart Card); HP Fingerprint reader (optional) <sup>18</sup>	
Weight       Starting at 1.54 kg (non-touch); Starting at 1.7 kg (touch) (Weight will vary by configuration.)         Environmental       Low halogen <sup>15</sup> Energy Efficiency Compliance       ENERGY STAR® certified configurations available	Power	HP Long Life 3-cell, 46 WHr Li-ion polymer	
(Weight will vary by configuration.)       Environmental     Low halogen <sup>15</sup> Energy Efficiency Compliance     ENERGY STAR® certified configurations available	Dimensions	33.8 x 23.7 x 1.89 cm (non-touch); 33.8 x 23.7 x 2.02 cm (touch)	
Energy Efficiency Compliance ENERGY STAR® certified configurations available	Weight		
	Environmental	Low halogen <sup>15</sup>	
2 year limited warranty (antional Care Dacks available cold constants) 2 year limited warranty on HDL ong Life Pattery (available only with the 2 year limited platform war	Energy Efficiency Compliance	ENERGY STAR® certified configurations available	
warrancy 5-year united warrancy (optional care racks available, sold separately), 5-year united warrancy of the battery (available only with the 5-year united platform war	Warranty	3-year limited warranty (optional Care Packs available, sold separately), 3-year limited warranty on HP Long Life Battery (available only with the 3-year limited platform warranty)	

# HP EliteBook 745 G3 Notebook PC

### Accessories and services (not included)

HP UltraSlim Docking Station	Designed exclusively for ultraslim HP EliteBook Notebook PCs, the HP UltraSlim Docking Station expands display, network, and device connectivity so you can be more productive throughout the day—all through a simple one-click slide-in side dock. <b>Product number: D9Y32AA</b>
HP External USB DVDRW Drive	Connect the HP External USB DVD/RW to any available USB port on your PC <sup>1</sup> to get immediate read/write access to your optical media. Product number: F2B56AA
HP Ultraslim Keyed Cable Lock	Secure your HP Ultrabook™ or laptop PC quickly and easily with the HP Ultraslim Keyed Cable Lock. Product number: H4D73AA
HP Professional Backpack Case	Combining comfort and function, the HP Professional Backpack Case is designed to hold a laptop up to 15.6 diagonal inches plus everything you need for a busy day or a week on the go. Product number: H4J93AA
HP Conferencing Keyboard	Drive your Microsoft Lync voice and video calls directly from your HP Conferencing Keyboard and connect, disconnect, and manage your calls and videoconferencing settings with simple dedicated keys <sup>1</sup> . Product number: K8P74AA
HP 3 year Next business day Onsite Notebook Only Service	Receive 3 years of next business day onsite repair from an HP-qualified technician for your computing device, if the issue cannot be solved remotely. Product number: U4414E THE Pack

Learn more at www.hp.eu/hpoptions

## HP EliteBook 745 G3 Notebook PC

### **Messaging 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 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See http://www.microsoft.com. <sup>2</sup> HP Touchpoint Manager requires purchase of a subscription and supports Android<sup>™</sup>, iOS and Windows 7 or higher operating systems and PCs, notebooks, tablets and smartphones from various manufacturers. Not available in all countries see

www.hp.com/touchpoint for availability information.

<sup>3</sup> Third party management software is sold separately. Dash certified and enterprise manageability qualified to work with MS SCCM and LANDesk

<sup>4</sup> AMD PRO A12 APU is an optional feature. Multicore is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. AMD's numbering is not a measurement of clock speed. <sup>5</sup> Sold separately or as an optional feature.

6 ML/STD testing is not intended to demonstrate fitness for U.S. Department of Defense contract requirements or for military use. Test results are not a guarantee of future performance under these test conditions. Damage under the MIL STD test conditions or

<sup>7</sup> AMD Vivid Color technology is available on select AMD APUs and remaps the color gamut CCD gamut LCD panels; if your computer does not have a narrow gamut LCD panel, then AMD Vivid Color technology may have no effect on your screen's appearance. Check your computer system's specifications to determine your screen's type.

<sup>8</sup> Serviceable by HP Support, HP Certified Technicians, HP Authorized Service Providers or participants in the HP Self-Maintainer Program. See hp.com/partners/SMprogram for more details

#### **Technical specifications disclaimers**

<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 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See http://www.microsoft.com.

<sup>2</sup> This system is preinstalled with Windows 7 Professional software and also comes with a license and media for Windows 10 Pro software. You may only use one version of the Windows software at a time. Switching between versions will require you to uninstall one version and install the other version. You must back up all data (files, photos, etc.) before uninstalling and installing operating systems to avoid loss of your data.

<sup>4</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. AMD's numbering is not a measurement of clock speed. <sup>5</sup> Maximum memory capacities assume Windows 64-bit operating systems. With Windows 32-bit operating systems, memory above 3 GB may not all be available due to system resource requirements.

<sup>6</sup> For storage drives, GB = 1 billion bytes. Actual formatted capacity is less. Up to 30 GB (for Windows 8 and 10) is reserved for system recovery software

<sup>8</sup> All wireless options are sold separately or as optional features.

<sup>9</sup> For all 802.11 wireless, wireless access point and Internet service is required and is not included. Availability of public wireless access points limited.
<sup>10</sup> WWAN use 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 LTE not available on all products, and in all regions.

<sup>11</sup> Miracast is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming media players that also support Miracast. You can use Miracast to share what you're doing on your PC and present a slide show. For more information: http://windows.microsoft.com/en-us/windows-8/project-wireless-screen-miracast.

HD content required to view HD images

<sup>13</sup> ePrint requires an Internet connection to HP web-enabled printer and HP ePrint account registration (for a list of eligible printers, supported documents and image types and other HP ePrint details, see www.hp.com/go/eprinteenter). Requires optional broadband module. Broadband use requires separately purchased service contract. Check with service provider for coverage and availability in your area. Separately purchased data plans or usage fees may apply. Print times and connection speeds may use <sup>14</sup> HP Mobile Connect Pro is only available on preconfigured devices with WWAN. For geographic availability refer to www.hp.com/go/mobileconnect.

<sup>15</sup> External power supplies, power cords, cables and peripherals are not low halogen. Service parts obtained after purchase may not be low halogen

<sup>17</sup> MM14 battery life will vary depending on various factors including product model, configuration, loaded applications, features, use, wireless functionality, and power management settings. The maximum capacity of the battery will naturally decrease with time nd usage. See www.bapco.com for additional details.

<sup>18</sup> This product ships with TPM 1.2 with option to upgrade to TPM 2.0. Upgrade utility is expected to be available by the second half of 2016 via HP Customer Support

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www.hp.eu/notebooks

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