

### Overview

### HP 255 G6 Notebook PC



#### Front

- |                            |                               |
|----------------------------|-------------------------------|
| 1. Webcam LED              | 8. USB 3.1 (Gen 1) port       |
| 2. Webcam                  | 9. HDMI port                  |
| 3. Microphone              | 10. RJ-45/Ethernet port       |
| 4. Touchpad                | 11. VGA port                  |
| 5. Touchpad buttons        | 12. AC plug LED               |
| 6. Audio in/out combo jack | 13. AC Smart Pin adapter plug |
| 7. USB 3.1 (Gen 1) port    | 14. Power button              |

### Overview



#### Right

- |   |                             |
|---|-----------------------------|
| 1. Webcam LED                                 | 7. SD Card slot             |
| 2. Webcam                                     | 8. Hard drive indicator LED |
| 3. Microphone                                 | 9. Power indicator LED      |
| 4. Security lock slot (Locks sold separately) | 10. Touchpad buttons        |
| 5. Optical drive (optional)                   | 11. Touchpad                |
| 6. USB 2.0 port                               | 12. Power button            |

### Overview

### AT A GLANCE

- Windows 10 versions, FreeDOS 2.0
- Accelerated Processing Unit and graphics from AMD choose from
  - AMD A6-9220 APU with Radeon™ R4 Graphics
  - AMD E2-9000e APU with Radeon™ R2 Graphics Intel® HD Graphics or AMD Radeon™ 520 (up to 2 GB of dedicated video memory)
- New Dark Ash Silver color with a fresh woven texture
- Display choices include: 15.6" diagonal HD or FHD
- Choice of hard drives up to 1 TB or M.2 SATA solid state drives up to 256 GB
- Weight starting at: 4.1 lbs (1.86 kg)
- Security features including FW TPM 2.0 and security lock slot (Lock not included)
- Keyboard
  - Full size textured island-style keyboard with numeric pad on the HP 255 G6
- Touchpad with gestures support
- HP webcam with single digital microphone and HD (supporting WDR- Wide Dynamic Range) or VGA camera
- Two USB 3.1 (Gen 1) ports and One USB 2.0 port
- Wireless LAN (WLAN) up to 1x1 802.11ac to help keep you connected

**NOTE: See important legal disclosures for all listed specs in their respective features sections.**

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### Features

## PRODUCT NAME

HP 255 G6 Notebook PC

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## OPERATING SYSTEM

**Preinstalled OS**

- Windows 10 Pro 64 <sup>1</sup>
- Windows 10 Pro 64 (National Academic only) <sup>1</sup>
- Windows 10 Home 64 <sup>1</sup>
- Windows 10 Home Single Language 64 <sup>1</sup>
- FreeDOS 2.0

**NOTE 1:** 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.windows.com/>.

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## PROCESSOR

AMD A6-9220 APU with Radeon™ R4 Graphics (2.5 GHz, up to 2.9 GHz, 1 MB cache, 2 cores)<sup>2,3</sup>  
AMD E2-9000e APU with AMD Radeon™ R2 Graphics (1.5 GHz, up to 2 GHz, 1 MB cache, 2 cores)<sup>2,3</sup>

### Processor Family

7<sup>th</sup> Generation AMD A6 Processor (9220 model)  
7<sup>th</sup> Generation AMD E2 Processor (9000e model)

**NOTE 2:** 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 is not a measurement of higher performance.

**NOTE 3:** In accordance with Microsoft's support policy, HP does not support the Windows 8 or Windows 7 operating system on products configured with Intel and AMD 7th generation and forward processors or provide any Windows 8 or Windows 7 drivers on <http://www.support.hp.com>.

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## CHIPSET

AMD SoC (chipset is integrated with processor)

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## GRAPHICS

**Integrated**  
AMD Radeon™ R4 Graphics

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### Features

AMD Radeon™ R2 Graphics

#### Supports

HD Decode, DX12, and HDMI<sup>5</sup>

**NOTE 5:** Cables sold separately

### DISPLAY

#### Internal

39.6 cm (15.6") diagonal HD SVA eDP anti-glare slim WLED (1366 x 768)<sup>4,6</sup>

39.6 cm (15.6") diagonal FHD SVA eDP anti-glare slim WLED (1920 x 1080)<sup>4,6</sup>

**NOTE 4:** HD content required to view HD images.

**NOTE 6:** Resolutions are dependent upon monitor capability, and resolution and color depth settings.

### STORAGE AND DRIVES

#### Primary Storage

Support all 7.2mm/9.5mm, SATA 2.5" Hard Drives

1 TB SATA 5400 rpm SATA (7.2/9.5 mm)<sup>7</sup>

500 GB SATA 5400 rpm SATA (7 mm)<sup>7</sup>

500 GB SATA 7200 rpm SATA (7 mm)<sup>7</sup>

#### M.2 SATA-3 Solid State Drives

128 GB M.2 SATA SSD<sup>7</sup>

256 GB M.2 SATA SSD<sup>7</sup>

128 GB eMMC<sup>9</sup>

#### Optical Drive

Optional DVD+/-RW Double-Layer Writer<sup>8,9</sup>

**NOTE 7:** For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30 GB (for Windows 10) is reserved for system recovery software.

**NOTE 8:** HD-DVD disks cannot be played on this drive. No support for DVDRAM. Actual speeds may vary. Don't copy copyright-protected materials. Double Layer discs can store more data than single layer discs; discs burned with this drive may not be compatible with many existing single-layer DVD drives and players.

**NOTE 9:** Sold separately or as an optional feature.

### MEMORY

DDR4

DDR4-1866 (Transfer rates up to 1866 MT/s) (DDR4-2400 downgrade to DDR4-1866)

Single channel support

No customer accessible / upgradeable

### Features

#### Configurations

4096 MB Total System Memory (4096 MB x 1)

6144 MB Total System Memory (2048 MB x 1 + 4096 MB x 1)

8192 MB Total System Memory (8192 MB x 1)

#### Maximum

Up to 8 GB DDR4-1866 SDRAM

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## NETWORKING/COMMUNICATIONS

#### Wireless LAN (WLAN)

Intel® Dual Band Wireless-AC 3168 802.11ac (1x1) Wi-Fi and Bluetooth® 4.2 Combo (non-vPro™)<sup>10</sup>

#### Ethernet

Integrated 10/100/1000 NIC

Communications

Compatible with Miracast-certified devices <sup>11</sup>

**NOTE 10:** Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. The specifications for the 802.11ac WLAN are draft specifications and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the notebook to communicate with other 802.11ac WLAN devices.

**NOTE 11:** 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>.

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## AUDIO/MULTIMEDIA

#### Audio

(2) Integrated stereo speakers

#### Camera

HP TrueVision HD Camera <sup>4</sup>

Indicator LED, USB2.0, HD BSI sensor, f2.0, WDR

720p by 30 frames per second

Single digital microphone

#### Webcam

HP Webcam <sup>12</sup>

VGA camera, indicator LED, USB 2.0, f2.4

480p by 30 frames per second

Single digital microphone

**NOTE 4:** HD content required to view HD images.

**NOTE 12:** Internet access required.

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## KEYBOARDS/POINTING DEVICES/BUTTONS & FUNCTION KEYS



### Features

#### Keyboard

Full size textured island-style keyboard with numeric keypad

Jet black

Touchpad

Multitouch gestures enabled

Support Modern Trackpad Gestures

Taps enabled as default

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## SOFTWARE AND SECURITY

#### Preinstalled Software

Buy Office

HP JumpStart

Discover HP Touchpoint Manager <sup>13</sup>

Windows 10 Redstone1 Recovery Manager Installer - CPS

Windows 10 Redstone1 Push Button Reset Recovery - CPS

HP Support Assistant

HP PC Hardware Diagnostics UEFI

HP ePrint <sup>14</sup>

HP System Event Utility

CyberLink Power Media Player

Bing Search for IE11

Security

firmware TPM 2.0

Security lock slot (Locks sold separately)

**NOTE 13:** HP Touchpoint Manager requires purchase of a subscription and supports Android™, iOS and Windows 7 or higher operating systems and PCs, notebooks, tablets and smartphones from various manufacturers. Not available in all countries see <http://www.hp.com/touchpoint> for availability information.

**NOTE 14:** 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/eprintcenter](http://www.hp.com/go/eprintcenter)). 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 vary.

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## POWER

#### Power Supply

45 W Smart AC adapter <sup>15</sup>

65 W EM Smart AC adapter <sup>15</sup>

#### Primary Battery

HP 3-cell battery, 31 Whr Li-ion

HP 4 cell battery, 41 Whr Li-ion

#### Power Cord

1 M (3.28 feet) length power cord with sticker label

#### Battery life

### Features

Up to 7 hours and 30 minutes (4 cell battery)<sup>16</sup>

**Fast Charge (90 mins, 90% charged)**

Supports battery fast charge

**NOTE 15:** Availability may vary by country.

**NOTE 16:** Windows 10 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 and usage. See [www.bapco.com](http://www.bapco.com) for additional details.

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### WEIGHTS & DIMENSIONS

**Weight**

Starting at 1.86 kg (4.1 lb)<sup>17</sup>

**NOTE 17:** Weight varies by configuration and components.

**Dimensions (W x D x H)**

38 x 25.38 x 2.38 cm

14.96 x 9.99 x 0.93 in

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### PORTS/SLOTS

**Ports/Connectors**

USB 3.1 (Gen 1) ports - Two (Left)

USB 2.0 port - One (Right)

HDMI 1.4b - One<sup>18</sup>

VGA port - One<sup>18</sup>

RJ-45 / Ethernet - One<sup>18</sup>

Headphone / microphone combo jack - One

AC Smart adapter port - One

**Slots**

HP Multi-Format Digital Media Card Reader

Supports SD/SDHC/SDXC

**NOTE 18:** All cables are sold separately.

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### SERVICE AND SUPPORT

HP Services offers limited 1-year warranty; 1-year limited warranty on primary battery. On-site service is also available with optional HP Care Services, which extend protection beyond the standard limited warranty. To choose the right level of service for your HP product, use the HP Care Services Lookup Tool at: <http://www.hp.com/go/lookuptool>. Additional HP Care Services, information by product is available at: <http://www.hp.com/go/cpc>.<sup>21</sup>

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### Features

**NOTE 19:** 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/cpc](http://www.hp.com/go/cpc). HP services are governed by the applicable 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.

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### Technical Specifications

#### COMPATIBILITY

| Type        | Description                 | Part Number |
|-------------|-----------------------------|-------------|
| Accessories | HP USB3.0 Port Replicator   | Y4H06AA     |
|             | HP Conferencing Keyboard    | K8P74AA#xxx |
|             | HP Wireless Display Adapter | J1V25AA#xxx |
|             | HP Essential Backpack       | H1D24AA     |

#### CERTIFICATION AND COMPLIANCE

##### Energy Efficiency Compliance

UL

FCC Compliance

ENERGY STAR<sup>®20</sup>

EPEAT<sup>®</sup> Silver<sup>20</sup>

ICES

CCC

Japan VCCI Compliance

MIC / KCC

CE Marking Compliance

GOST

Saudi Arabian Compliance (ICCP)

SABS

**NOTE 20:** EPEAT<sup>®</sup> registered where applicable. EPEAT registration varies by country. See <http://www.epeat.net> for registration status by country.

#### SERVICE AND SUPPORT

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**NOTE 19:** 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/cpc](http://www.hp.com/go/cpc). HP services are governed by the applicable 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.

### Technical Specifications

## DISPLAYS

|   |  |                         |                   |  |
|---|--|-------------------------|-------------------|--|
| <b>15.6" FHD WLED AntiGlare (1920x1080) slim (3.2mm) SVA, eDP</b> | <b>Outline Dimensions</b><br>(W x H x D) | 360 x 224.3 x 3.2 (max) |                   |  |
|   | <b>Active Area</b>                       | 344.26 x 193.69 mm      |                   |  |
|   | <b>Weight</b>                            | 360g max                |                   |  |
|   | <b>Diagonal Size</b>                     | 15.6"                   |                   |  |
|   | <b>Surface Treatment</b>                 | AG                      |                   |  |
|   | <b>Contrast Ratio</b>                    | 500:1 (typ. AG)         |                   |  |
|   | <b>Refresh Rate</b>                      | 60Hz                    |                   |  |
|   | <b>Pixel Per Inch (PPI)</b>              | 141                     |                   |  |
|   | <b>Brightness</b>                        | 220 nit typ.            |                   |  |
|   | <b>Pixel Resolution</b>                  | <b>Format</b>           | 1920 x 1080 (FHD) |  |
|   |  | <b>Configuration</b>    | RGB               |  |
|   | <b>Interface</b>                         | eDP 1.2                 |                   |  |
|   | <b>LCD Mode</b>                          | TN                      |                   |  |
|   | <b>Viewing Angle</b>                     | 45/45/20/45             |                   |  |

|   |  |                           |                 |  |
|---|--|---------------------------|-----------------|--|
| <b>15.6" HD WLED AntiGlare (1366x768) slim (3.2mm) SVA, eDP</b> | <b>Outline Dimensions</b><br>(W x H x D) | 359.5 x 223.8 x 3.2 (max) |                 |  |
|   | <b>Active Area</b>                       | 344.23 x 193.54           |                 |  |
|   | <b>Weight</b>                            | 370g max                  |                 |  |
|   | <b>Diagonal Size</b>                     | 15.6"                     |                 |  |
|   | <b>Surface Treatment</b>                 | AG                        |                 |  |
|   | <b>Contrast Ratio</b>                    | 500:1 (typ. AG)           |                 |  |
|   | <b>Refresh Rate</b>                      | 60Hz                      |                 |  |
|   | <b>Pixel Per Inch (PPI)</b>              | 100                       |                 |  |
|   | <b>Brightness</b>                        | 220 nit typ.              |                 |  |
|   | <b>Pixel Resolution</b>                  | <b>Format</b>             | 1366 x 768 (HD) |  |

### Technical Specifications

|                      |                      |     |
|----------------------|----------------------|-----|
|                      | <b>Configuration</b> | RGB |
| <b>Interface</b>     | eDP 1.2              |     |
| <b>LCD Mode</b>      | TN                   |     |
| <b>Viewing Angle</b> | 45/45/20/40          |     |

### STORAGE AND DRIVES

|   |  |              |
|---|--|--------------|
| <b>500 GB 5400 rpm SATA Drive Weight Hard Drive</b> | <95g (0.209lb)                         |              |
| <b>Capacity</b>                                     | 500 GB                                 |              |
| <b>Height</b>                                       | 6.8 +/- 0.2 mm (0.268 +/- .008 in)     |              |
| <b>Width</b>  | 69.85 +/- 0.25 mm (2.750 +/- 0.010 in) |              |
| <b>Interface</b>                                    | SATA 6Gb/s                             |              |
| <b>Performance</b>                                  | <b>Maximum Sequential Read</b>         | 600 MB/s max |
|   | <b>Maximum Sequential Write</b>        | 600 MB/s max |
| <b>Logical Blocks</b>                               | 976,773,168                            |              |
| <b>Operating Temperature</b>                        | 32° to 140° F (0° to 60° C)            |              |
| <b>Features</b>                                     | DIPM                                   |              |

|   |  |  |
|---|--|--|
| <b>500 GB 7200 rpm SATA Drive Weight Hard Drive</b> | <95g (0.209lb)                         |  |
| <b>Capacity</b>                                     | 500 GB                                 |  |
| <b>Height</b>                                       | 6.8 +/- 0.2 mm (0.268 +/- .008 in)     |  |
| <b>Width</b>  | 69.85 +/- 0.25 mm (2.750 +/- 0.010 in) |  |
| <b>Interface</b>                                    | SATA 6Gb/s                             |  |

### Technical Specifications

|                              |                                 |                             |
|------------------------------|---------------------------------|-----------------------------|
| <b>Performance</b>           | <b>Maximum Sequential Read</b>  | 600 MB/s max                |
|                              | <b>Maximum Sequential Write</b> | 600 MB/s max                |
| <b>Logical Blocks</b>        |                                 | 976,773,168                 |
| <b>Operating Temperature</b> |                                 | 32° to 140° F (0° to 60° C) |
| <b>Features</b>              |                                 | DIPM                        |

#### 1 TB 5400 rpm SATA Hard Drive Weight Drive

90g(0.198lb)

|                  |  |
|------------------|--|
| <b>Capacity</b>  | 1TB                                    |
| <b>Height</b>    | 7.0 (± 0.2) mm / 0.276 (± 008) in      |
| <b>Width</b>     | 69.85 (± 0.25) mm / 2.750 (± 0.010) in |
| <b>Interface</b> | SATA 6Gb/s                             |

|                              |                                 |                             |
|------------------------------|---------------------------------|-----------------------------|
| <b>Performance</b>           | <b>Maximum Sequential Read</b>  | 600 MB/s max                |
|                              | <b>Maximum Sequential Write</b> | 600 MB/s max                |
| <b>Logical Blocks</b>        |                                 | 1,953,525,168               |
| <b>Operating Temperature</b> |                                 | 32° to 140° F (0° to 60° C) |
| <b>Features</b>              |                                 | DIPM                        |

#### 128 GB SATA-3 Value Drive Weight Solid State Drive

0.01 lb (6 g) ~ 0.02 lb (10 g)

|                       |                  |
|-----------------------|------------------|
| <b>Capacity</b>       | 128 GB           |
| <b>Height</b>         | 0.09 in (2.3 mm) |
| <b>Width</b>          | 0.87 in (22 mm)  |
| <b>Interface</b>      | ATA-8, SATA 3.0  |
| <b>Logical Blocks</b> | 250,069,680      |

### Technical Specifications

**Operating Temperature** 32° to 158°F (0° to 70°C) [ambient temp]

**Features** DIPM; TRIM; DEVSLP

**256 GB SATA-3 Value Drive Weight** 0.01 lb (6 g) ~ 0.02 lb (10 g)  
**Solid State Drive**

**Capacity** 256 GB

**Height** 0.09 in (2.3 mm)

**Width** 0.87 in (22 mm)

**Interface** ATA-8, SATA 3.0

**Logical Blocks** 500,118,192

**Operating Temperature** 32° to 158°F (0° to 70°C) [ambient temp]

**Features** DIPM; TRIM; DEVSLP

**128 GB SATA TLC Solid Drive Weight** 0.01 lb (6 g) ~ 0.02 lb (10 g)  
**State Drive**

**Capacity** 128 GB

**Height** 0.09 in (2.3 mm)

**Width** 0.87 in (22 mm)

**Interface** ATA-8, SATA 3.0

**Logical Blocks** 250,069,680

**Operating Temperature** 32° to 158°F (0° to 70°C) [ambient temp]

**Features** DIPM; TRIM; DEVSLP

**256 GB SATA TLC Solid Drive Weight** 0.01 lb (6 g) ~ 0.02 lb (10 g)  
**State Drive**

**Capacity** 256 GB



### Technical Specifications

|                              |  |
|------------------------------|--|
| <b>Height</b>                | 0.09 in (2.3 mm)                         |
| <b>Width</b>                 | 0.87 in (22 mm)                          |
| <b>Interface</b>             | ATA-8, SATA 3.0                          |
| <b>Logical Blocks</b>        | 500,118,192                              |
| <b>Operating Temperature</b> | 32° to 158°F (0° to 70°C) [ambient temp] |
| <b>Features</b>              | DIPM; TRIM; DEVSLP                       |

## NETWORKING/COMMUNICATIONS

### WWAN

#### Intel Dual band wireless-AC 3168 802.11AC 1x1 WiFi + BT 4.2 Combo Adaptor (non-vPro)

|   |  |
|---|--|
| <b>Technology/Operating bands</b>                 | 2.4G/5G  |
| <b>Wireless protocol standards</b>                | 11ac   |
| <b>Maximum data rates</b>                         | 433Mbps  |
| <b>Maximum output power</b>                       | 16.25dBm in 2.4G<br>17.25dBm in 5G               |
| <b>Maximum power consumption</b>                  | 1250 mW in<br>11ac 1x1 HB/80<br>Or 11n 1x1 HB/40 |
| <b>Form Factor</b>                                | M2 2230  |
| <b>Weight</b>                                     | 3 g  |
| <b>Dimensions</b><br>(Length x Width x Thickness) | 22 mm X 30 mm x 2.4 mm                           |

### Technical Specifications

#### POWER

|  |   |   |   |
|--|---|---|---|
| <b>45 W Smart AC adapter</b>             | <b>Dimensions (H x W x D)</b>   | 95.0 x 40.0 x 26.5 mm                               |   |
|  | <b>Weight</b>   | 200g +/-10%   |   |
|  | <b>Input</b>  | <b>Input Efficiency</b>                             | 87.74 % at 115 Vac and 88.4 % at 230Vac |
|  |   | <b>Input frequency range</b>                        | 47 to 63 Hz                             |
|  | <b>Output</b>   | <b>Input AC current</b>                             | Max. 1.4 A at 90 VAC                    |
|  |   | <b>Output power</b>                                 | 45W                                     |
|  |   | <b>DC output</b>                                    | 19.5V                                   |
|  |   | <b>Hold-up time</b>                                 | 5ms at 115 Vac input                    |
|  |   | <b>Output current limit</b>                         | <8.0A                                   |
|  | <b>Connector</b>  | C6 (3pin/with grounded, with Smart ID DC connector) |   |
|  | <b>Environmental Design</b>   | <b>Operating temperature</b>                        | 32° to 95° F (0° to 35° C)              |
|  |   | <b>Non-operating (storage) temperature</b>          | -4° to 185° F (-20° to 85° C)           |
|  |   | <b>Altitude</b>                                     | 0 to 16,400 ft (0 to 5,000 m)           |
|  |   | <b>Humidity</b>                                     | 20% to 95%                              |
| <b>Storage Humidity</b>                  |   | 10% to 95%  |   |
| <b>EMI and Safety Certifications</b>     | *CE Mark - full compliance with LVD and EMC directives<br>* Worldwide safety standards - IEC60950, EN60950, UL60950, Class1, SELV;<br>Agency approvals - C-UL-US, NORDICS, DENAN, EN55022 Class B, FCC Class B, CISPR22 Class B, CCC, NOM-1 NYCE.<br>* MTBF - over 200,000 hours at 25°C ambient condition. |   |   |
| <b>HP 3-cell Li-Ion (31 WHr)</b>         | <b>Dimensions</b>   | 274.15mm x 35.25mm x 21.1mm                         |   |
|  | <b>Weight</b>   | 185g  |   |
|  | <b>Cells/Type</b>   | 3cell Lithium-Ion cylindrical cell / 18650          |   |
|  | <b>Voltage</b>  | LGC: 10.95V; SDI/Sanyo: 11.1V                       |   |
|  | <b>Amp-hour capacity</b>  | LGC: 2850mAh;SDI/Sanyo:2800mAh                      |   |
|  | <b>Watt-hour capacity</b>   | LGC: 31.2Wh; SDI/Sanyo:31.08Wh                      |   |
|  | <b>Operating (Charging)</b>   | 0~45°C  |   |
|  | <b>Operating (Discharging)</b>  | -10~60°C  |   |
|  | <b>Fuel Gauge LED</b>   | No  |   |
|  | <b>Warranty</b>   | 300 cycles>80%(at 23°C)                             |   |
| <b>Optional Travel Battery Available</b> | No  |   |   |
| <b>HP 4-cell Li-Ion (41 WHr)</b>         | <b>Dimensions</b>   | 274.15mm x 35.25mm x 21.1mm                         |   |
|  | <b>Weight</b>   | 230g  |   |
|  | <b>Cells/Type</b>   | 4cell Lithium-Ion cylindrical cell / 18650          |   |
|  | <b>Voltage</b>  | LGC: 14.6V; SDI/Sanyo:14.8V                         |   |



### Technical Specifications

|  |                                  |
|--|----------------------------------|
| <b>Amp-hour capacity</b>                 | LGC: 2850mAh; SDI/Sanyo: 2800mAh |
| <b>Watt-hour capacity</b>                | LGC: 41.6Wh;SDI/Sanyo41.44Wh     |
| <b>Operating (Charging)</b>              | 0~45°C                           |
| <b>Operating (Discharging)</b>           | -10~60°C                         |
| <b>Fuel Gauge LED</b>                    | No                               |
| <b>Warranty</b>                          | 300 cycles>80%(at 23°C)          |
| <b>Optional Travel Battery Available</b> | No                               |

Options and Accessories (sold separately and availability may vary by country)

| Category                | Description  | Part Number |
|-------------------------|--|-------------|
| <b>Cases</b>            | HP Essential Backpack (up to 15.6")                        | H1D24AA     |
|                         | HP Essential Messenger Case (up to 17.3")                  | H1D25AA     |
| <b>Docking</b>          | HP 3005PR USB3 Port Replicator                             | Y4H06AA     |
|                         | HP USB Travel Dock   | TOK30AA     |
| <b>Input Devices</b>    | HP 3001pr USB 3.0 Port Replicator                          | F3S42AA     |
|                         | HP Slim USB Keyboard and Mouse                             | H4B81AA     |
|                         | HP Slim Wireless Keyboard and Mouse                        | H6F25AA     |
|                         | HP 3-Button USB Laser Mouse                                | G1K28AA     |
|                         | HP USB Travel Mouse  | N9K77AA     |
|                         | HP Comfort Grip Wireless Mouse                             | N9K78AA     |
|                         | HP Ultra Mobile Wireless Mouse                             | N2Z63AAA    |
| <b>Power</b>            | HP HDMI to DVI Adapter                                     | V7W66AA     |
|                         | HP 45W Smart AC Adapter 4.5mm                              | H6Y88AA#xxx |
|                         | HP 65W Smart AC Adapter                                    | H6Y89AA#xxx |
|                         | HP 65W Slim AC Adapter                                     | H6Y82AA#xxx |
| <b>Storage Memory</b>   | HP Power Bank  | N9F71AA#xxx |
|                         | HP External USB Optical Drive                              | F2B56AA     |
| <b>Security</b>         | HP 4GB DDR3L-1600 1.35V SODIMM                             | H6Y75AA#XXX |
|                         | HP 8GB DDR3L-1600 1.35V SODIMM                             | H6Y77AA#XXX |
| <b>UCC</b>              | HP Essential Combination Lock                              | TOY16AA     |
|                         | HP Combination Lock  | TOY15AA     |
|                         | HP Keyed Cable lock  | TOY14AA     |
|                         | HP Keyed Cable Lock 10mm                                   | T1A62AA     |
|                         | HP 15.6 NB Privacy Filter (For Jaguars and Lions only)     | J7H71AA     |
|                         | HP 14.0" Notebook Privacy Filter (For Colts and Rams only) | J6E65AA     |
| <b>Displays</b>         | HP Conferencing Keyboard                                   | K8P74AA#xxx |
|                         | HP UC Speaker Phone  | K7V16AA     |
|                         | HP UC Wired Headset  | K7V17AA     |
|                         | HP Stereo USB Headset                                      | T1A67AA     |
| <b>Type Accessories</b> | HP Stereo 3.5mm Headset                                    | T1A66AA     |
|                         | HP S140u 14-inch Portable Display                          | G8R65AA     |
|                         | HP ProDisplay P223 21-5 inch Monitor                       | X7R61AA     |
|                         | HP ProDisplay P232 23-inch Monitor                         | K7X31AA     |
| <b>Accessories</b>      | HP ProDisplay P240va 23.8-inch Monitor                     | N3H14AA     |
|                         | HP USB3.0 Port Replicator                                  | Y4H06AA     |
|                         | HP Conferencing Keyboard                                   | K8P74AA#xxx |
|                         | HP Wireless Display Adapter                                | J1V25AA#xxx |
|                         | HP Essential Backpack                                      | H1D24AA     |

### Summary of Changes

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