

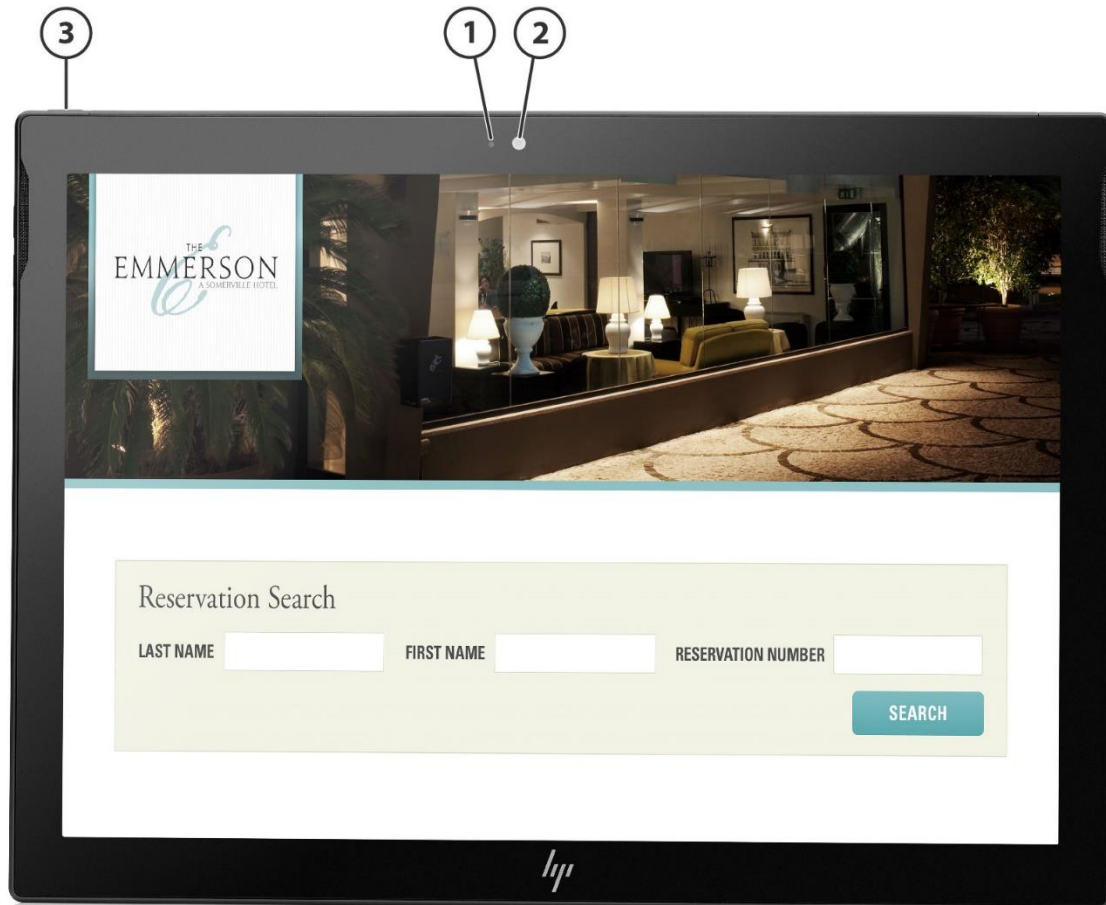
### Components Overview

## HP Engage Go Convertible System



### Components Overview

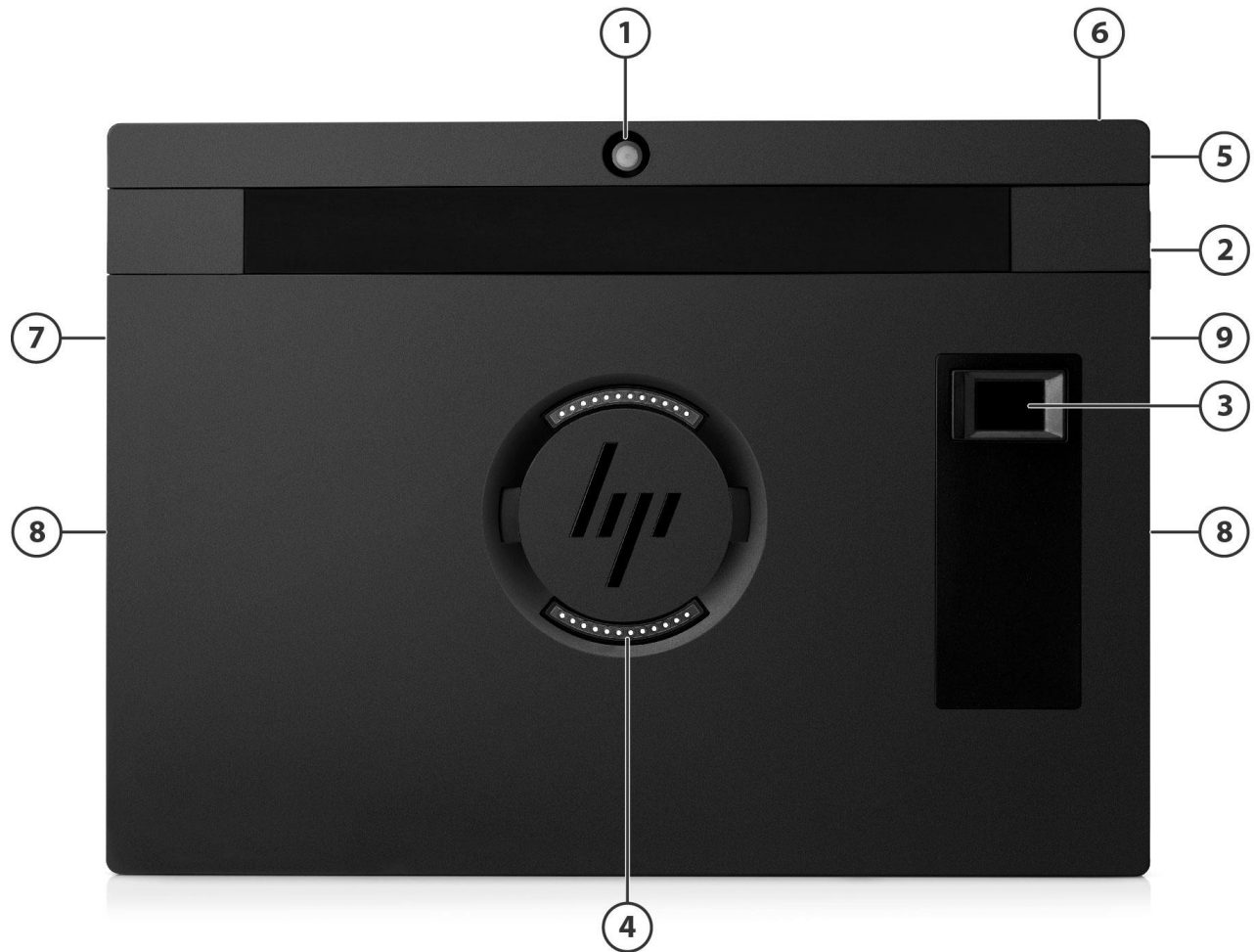
## HP Engage Go Mobile



### Front View

1. Front-facing camera LED
2. Front-facing camera
3. Power button

### Components Overview



### Rear View

- |    |  |    |                                  |
|----|--|----|----------------------------------|
| 1. | Rear-facing camera                     | 5. | Audio jack                       |
| 2. | Volume up/down                         | 6. | Power button                     |
| 3. | Fingerprint reader                     | 7. | 2 USB-C™ 3.1 ports               |
| 4. | Pogo pin connector to convertible dock | 8. | Barcode scanner trigger buttons* |
|    |  | 9. | SIM Module                       |

\*Only available on select SKUs

### Overview

## HP Engage Go Mobile Retail Case



Increase HP Engage Go Mobile drop specification from 3 feet (1m) to 4 feet (1.2m)\*.\*\*

(2) attach points for shoulder strap (strap included with Case)

Pen loop

Optional MSR attachment

\*MIL-STD 810G testing is pending and 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 any accidental damage requires an optional HP Accidental Damage Protection Care Pack.

\*\*HP Total Test Process results are not a guarantee of future performance under these test conditions. Damage under the test conditions or any accidental damage requires an optional HP Accidental Damage Protection Care Pack.

### Overview

## HP Engage Go Dock



- 10 degree tilt adjustability (angle is set between 50 and 60 degrees)
- 180 degree swivel in either direction
- Choice of standard or printer column
- HP Smart Dock (locking, unlocking)
- Push release button with LED (Amber, White, Green) for unlocking
- Pogo pin interface (power, USB, video), magnet-assisted connection with tablet
- Stability plate (attaches to HP Advanced and Basic Connectivity Base)
- Optional countertop mounting bracket
- Configurable with connectivity base
- Ebony Black or Ceramic White color

### Dimensions (W X D X H)

Convertible Dock (standard column)

### Overview

11.18 x 6.37 in x 9.66 in  
3.78 in diameter

Convertible Dock (printer column)  
11.18 x 6.37 in x 11.23 in  
3.78 in diameter

#### **Weight (Grams, lbs.)**

Convertible Dock (standard column)  
2480g (5.49lbs)

Convertible Dock (printer column)  
3050g (6.74lbs)

## HP Engage Go Mobile

- Windows® 10 Pro 64, Windows® 10 IoT Enterprise 2016 LTSC 64-Value, FreeDOS
- Intel® Kaby Lake Core™ and Pentium® processors
- Integrated Kaby Lake Premium PCH – integrated with CPU
- 12.3" diagonal capacitive multi-touch, WUXGA+ display
- M.2 2280 solid state drives
- Soldered down LPDDR3 1866 memory
- 4-cell long life polymer battery with HP Fast Charging
- 802.11ac Wi-Fi (2x2)
- Bluetooth® 4.2 connectivity (combo card with Wi-Fi)
- LTE/HSPA+ WWAN options available (not available with barcode scanner)
- Optional integrated NFC, FPR and barcode scanner
- Ebony Black or Ceramic White color

## DIMENSIONS AND WEIGHT

### **Dimensions (W X D X H)**

32.81 x 23.36 x 2.13 cm (landscape orientation, case not included)

Retail Tablet

11.33 x 8.18 x 0.51 in

(landscape orientation, case included)

Retail Tablet

11.89 x 8.73 x 0.72 in w/o MSR

MSR

4.01 x 0.82 x 0.54

### **Weight (Grams, lbs.)**

Retail Tablet (case not included)

1098g (2.42lbs)

### Overview

Retail Tablet (case included)  
1257g (2.77lbs) w/o MSR  
1306g (2.87lbs) w/ MSR

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### PORTS

(2) USB-C™ 3.1 supports PD 2.0 and DP1.2 Alt mode  
(1) pogo pin connector to convertible dock

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### SERVICE AND SUPPORT

3-year standard parts, labor and onsite limited warranty. Online technical support is available seven days a week, 24 hours a day. Certain restrictions and exclusions apply. Depending on country; 3-year limited warranty on primary battery. Optional HP Care Pack Services are extended service contracts which go beyond your standard warranties. Service levels and response times for HP Care Packs may vary depending on your geographic location. Restrictions and limitations apply. Service starts at date of hardware purchase. For details, visit <http://www.hp.com/go/cpc>.

**NOTE:** Certain restrictions and exclusions apply. Consult the HP Customer Support Center for details.  
<http://h20000.www2.hp.com/bizsupport/TechSupport/ProductRoot.jsp>

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### Features

#### OPERATIVE SYSTEM

##### Preinstalled

Windows 10 Professional (64-bit)\*

Windows 10 IoT Enterprise 2016 LTSB 64-Value<sup>1</sup>

FreeDOS

\* 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

Intel® 7<sup>th</sup> generation Core™ and Pentium® processors

- Intel® Pentium® 4410Y
- Intel® Core™ M3-7Y30
- Intel® Core™ i5-7Y57 vPro™\*\*

\* Chipset is integrated with processor.

\* Multi-Core is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Intel's numbering is not a measurement of higher performance.

\*\*vPRO™ is only supported on the HP Engage Go Mobile (Intel® Core™ i5-7Y57 processor) in wireless mode when configured with the Intel WLAN 8265 with vPRO™ Card. Some functionality of this technology, such as Intel Active management technology and Intel Virtualization technology, requires additional 3rd party software in order to run. Availability of future "virtual appliances" applications for Intel vPro technology is dependent on 3rd party software providers. Compatibility with future "virtual appliances" is yet to be determined.

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### Features

#### MEMORY

Memory Soldered Down  
LPDDR3 1866 253 ball  
Supports Dual Channel Memory  
Supports up to 8GB

LPDDR3 1886:  
4096 MB Total System Memory (16Gb 128Mx32x4, Qty 2)  
8192 MB Total System Memory (32Gb 256Mx32x4, Qty 2)

\* Onboard memory not customer accessible/upgradeable

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#### STORAGE

##### Internal Storage Device

Supports M.2 SSD SS 2280

M.2 128GB SATA-3 SS TLC  
M.2 256GB PCIe Gen3x4 NVMe SS TLC

\* GB = 1 billion bytes. Actual formatted capacity is less.

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#### DISPLAY

##### Internal

12.3" diagonal capacitive multi-touch, WUXGA+ BV WLED UWVA 72% 400 nits eDP 1.4 +PSR Ultraslim (1920x1280), featuring Corning® Gorilla® Glass 4

Features:

- 1920x1280 High Definition (FHD)\* resolution\*\*
- 3:2 aspect ratio
- Brightness (typical) - 400nits (cd/m<sup>2</sup>)\*\*\*
- 10-point capacitive touch solution, direct bonding
- Anti-smudge with Corning® Gorilla® Glass 4

\*High definition (HD) content is required to view high-definition images

\*\*Resolutions are dependent upon monitor capability, and resolution and color depth settings.

\*\*\* All specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

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#### GRAPHICS

Intel UMA Graphics (GT2) – with shared video memory\*

\*Shared video memory (UMA) uses part of the total system memory for video performance. System memory dedicated to video performance is not available for other use by other programs.

### Features

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## NETWORKING/COMMUNICATIONS

### Integrated Wi-Fi\*

Intel Wireless-AC 8265 802.11ac 2x2 WiFi + BT4.2 Combo Adaptor (non-vPro<sup>1</sup>)

Intel Wireless-AC 8265 802.11ac 2x2 WiFi + BT4.2 Combo Adaptor (vPro<sup>1</sup>)

WLAN Antennas (2) (configured with panel on all units)

Bluetooth® Disabled IOPT

Support for Miracast

Supports WLAN/LAN/WWAN switching

Support HP Connection Optimizer with WiFi Load balancing

Support S3/S4 Wake on Wireless LAN

Support for DYNAMIC WiFi SAR in BIOS

Disclaimer required to document that Dynamic Regulatory Solution, will auto-change AC WLAN to abgn by passive scan when entering Indonesia.

### WWAN\*\*

LTE CAT4: Huawei HP Lt4132, LTE/HSPA+ w/GPS M.2

LTE CAT9: Qualcomm® Snapdragon X12 LTE-Advanced

SIM Module: (user-accessible on side of slate) (4FF/nano SIM). (SIM module installed in factory when Service Provider is configured)

WWAN Antennas (2)

WWAN cards are compatible with a programmable removable eSIM

WWAN and BCS configurations are mutually exclusive

### GPS

U-Blox GPS EVA-M8M M.2/USB

GPS and WWAN configurations are mutually exclusive

### NFC

NXP NPC300 Near Field Communication Module

\*Wireless cards are optional or add-on features and requires separately purchased wireless access point and internet service. 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 system to communicate with other 802.11ac WLAN devices.

\*\*WWAN is an optional feature and requires factory configuration? 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>1</sup>vPRO™ is only supported on the HP Engage Go Mobile (Intel® Core™ i5-7Y57 processor) in wireless mode when configured with the Intel WLAN 8265 with vPRO™ Card

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## AUDIO/MULTIMEDIA

### Audio

HD Audio

Audio Solution Codec CX7750

Stereo Speakers (2)

### Features

#### **Cameras**

RGB Camera:

Front facing camera 5MP with webcam LED indicator

Back Camera: 8MP

#### **Sensors**

Accelerometer

Gyroscope

Ambient light sensor

Magnetometer

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### **POWER**

#### **Power Supply**

HP 65W USB Type-C™ AC Adapter non-PFC, Length: DC = 1.8m - Supports HP Fast Charging

#### **Battery**

4-cell Long Life Polymer 47Whr (3.055Ahr) - Supports HP Fast Charging

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### Technical Specifications

#### SOFTWARE AND SECURITY

##### BIOS

- HP BIOSphere Gen4
- Secure Erase
- Absolute Persistence Module<sup>1</sup>
- Allow BIOS Rollback
- HP DriveLock & Automatic DriveLock
- Hardware Root of Trust
- HP BIOS Protection (NIST 800-147)
- HP SpareKey
- Hybrid Boot
- Master Record Security
- Measured Boot
- Power On Authentication
- Pre-Boot Security

##### Connectivity

- HP MAC Address Manager
- HP Connection Optimizer v2
- iPass

##### Platform Enabling Apps & Support

- HP 3D DriveGuard \*
- HP Hotkey Support
- HP JumpStart
- HP Notifications
- HP Recovery Manager
- HP Support Assistant<sup>4</sup>
- HP LAN/WLAN/WWAN switching
- HP Power Manager \* (w/ thermals support)

##### Microsoft Products

- Buy Office
- Bing Search
- Skype<sup>2</sup>

##### Client Security Software

- HP Client security Gen3<sup>6</sup>
- Device Access Manager
- Intel Authenticate v2.5
- HP Sure Click<sup>7</sup>

##### Manageability

### Technical Specifications

Discover HP Touchpoint Manager  
HP Driver Packs (quarterly)<sup>3</sup>  
HP System Software Manager (SSM)<sup>3</sup>  
HP BIOS Config Utility (BCU)<sup>3</sup>  
HP Client Catalog<sup>3</sup>  
HP Client Integration Kit (CIK)  
HP Client Security & Intel Authenticate  
Microsoft Device Guard  
TPM config management  
HP Audio Control  
HP Power Manager  
HPIA Integration & Recipes  
Recipes  
HP MIK for Microsoft SCCM Gen 2.5<sup>5</sup>  
HP Image Assistant Gen3

For more information on HP Client Management Solutions refer to: <http://www.hp.com/go/clientmanagement>.

#### Standard

TPM 2.0 SLB9670 (Infineon; soldered down)  
Drive encryption pre-boot (Password)

#### Optional

HP Fingerprint Reader – Crossmatch

1. BIOS Absolute Persistence module is shipped turned off, and will be activated when customers purchase and activate a subscription. Service may be limited. Check with Absolute for availability outside the U.S. The optional subscription service of Absolute Recovery Guarantee is a limited warranty. Certain conditions apply. For full details visit:

<http://www.absolute.com/company/legal/agreements/computrace-agreement>. If Data Delete is utilized, the Recovery Guarantee payment is null and void. In order to use the Data Delete service, customers must first sign a Pre-Authorization Agreement and either create a PIN or purchase one or more RSA SecurID tokens from Absolute Software.

2. Skype is not offered in China.

3. Not preinstalled, however available for download at <http://www.hp.com/go/clientmanagement>

4. Requires Windows and Internet Access

5. HP Manageability Integration Kit can be downloaded from

<http://www8.hp.com/us/en/ads/clientmanagement/overview.html>

6. Requires Windows and Intel®.

7. HP Sure Click is available on select HP platforms and supports Microsoft® Internet Explorer, Google Chrome, and Chromium™. Supported attachments include Microsoft Office (Word, Excel, PowerPoint) and PDF files in read only mode.

Check <http://h20195.www2.hp.com/v2/GetDocument.aspx?docname=4AA7-0922ENW> for all compatible platforms as they become available.

### ENVIRONMENTAL DATA

EPEAT® Gold<sup>1</sup>

ENERGY STAR® certified\*\*

Low halogen\*

508 compliance

Mercury-free display backlights and arsenic-free display glass

All HP computing products are delivered by SmartWay carriers\*\*\*

Recycled Packaging

The plastic recycled content is equal to, or greater than 90%.

### Technical Specifications

The main cushions for the HP Engage Go Mobile unit and HP Engage Go Dock stand are made from 100% recycled expanded polyethylene.

Eligible for free recycling or cash back through HP's Planet Partners Recycling and Consumer Buyback programs (<http://www.hp.com/go/easybuyback>)\*\*\*\*

### HP Corporate Environmental Information

For more information about HP's commitment to the environment:

Global Citizenship Report

<http://www.hp.com/hpinfo/globalcitizenship/gcreport/index.html>

Environment website: <http://www.hp.com/environment>

1. EPEAT® registered where applicable. EPEAT registration varies by country. See [www.epeat.net](http://www.epeat.net) for registration status by country. See HP's 3rd party option store for solar energy accessory at [www.hp.com/go/options](http://www.hp.com/go/options).

\* External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.

\*\* ENERGY STAR® is a registered trademark of the U.S. Environmental Protection Agency.

\*\*\* Designation based on actions to reduce transportation-related emissions. SmartWay: US only. (14e) Free recycling in select countries.

\*\*\*\* Program may not be available in your area. Check <http://www.hp.com/go/recycling> to see if HP offers free recycling in your area

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### COUNTRY OF ORIGIN

China

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

<b>Type</b>	<b>Description</b>	<b>Part #</b>
<b>Case</b>	HP Engage Go Mobile Retail Case	3VM86AA
	HP Engage Go Mobile Retail Case w/ MSR	3VM87AA
<b>Docking</b>	HP Engage Go Dock Black	5JG51AA
	HP Engage Go Dock White	5JG52AA
<b>Input/Output</b>	HP Engage Go Advanced I/O Connectivity Base	1UN12AA
	HP Engage Go Basic I/O Connectivity Base	1UN11AA
<b>Printer</b>	HP Engage Go Serial USB Thermal Printer	1RL96AA
	HP Ethernet Network Receipt Printer	M2D54AA
	HP Value Serial/USB Receipt Printer II	X3B46AA
	HP PUSB Thermal Receipt Printer	FK224AA
	Epson TMT88V Serial USB Thermal Receipt Printer	D9Z52AA
<b>Cable kits for standalone printer</b>	HP Engage Go Printer USB + Pwr Adptr	1RM02AA
	HP Engage Go Printer Serial + Pwr Adptr	1RM03AA
	HP Engage Go Printer PUSB Y Cable	BM477AA
	HP Engage Go Printer Serial + PUSB Pw only	1RM05AA
<b>Barcode Scanners</b>	HP Engage Go 2D Barcode Scanner	1RL97AA
	HP Linear Barcode Scanner II	Z1Z36AA
	HP Imaging Barcode Scanner	BW868AA
	HP Presentation Barcode Scanner	QY439AA
	HP Wireless Barcode Scanner	E6P34AA
<b>Cash Drawers</b>	HP Flip Top Cash Drawer	BW867AA
	HP Heavy Duty Cash Drawer	FK182AA
	HP Standard Duty Cash Drawer	QT457AA
	HP USB Standard Duty Cash Drawer	E8E45AA
	HP Standard Duty Till Insert w/ Lockable Lid	QT458AA
	HP Cable Pack for Dual HP Cash Drawers	QT538AA
<b>I/O Devices, I/O Adapters</b>	HP USB Business Slim Keyboard	N3R87AA
	HP USB 1000dpi Laser Mouse	QY778AA
	HP Engage Go Fingerprint Reader	1RL98AA
<b>Pen</b>	Wacom Pen w/ Bluetooth®	TBD
	Wacom Pen w/o Bluetooth®	TBD
<b>Graphics Video Adapters &amp; Cables</b>	HP Type-C to VGA Adapter	N9K76AA

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

<b>Display</b>	HP Engage Go 10.1in Touch Display	1XD81AA
	HP Engage Go 10.1in Non-Touch Display	1XD80AA
<b>Power</b>	HP 65W USB-C™ AC Adapter	TBD

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### Summary of Changes

Date of change:	Version History:		Description of change:
	From v1 to v2		

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