

# HP Engage Go 13.5 inch Mobile System (7H0B4UT)



## Overview

### Thrives in evolving environments

Built to deliver across today's demanding business landscape, the HP Engage Go 13.5" easily transitions from fixed operations to a mobile tablet. It's durable, and sized for easy readability, and can integrate essential accessories[1] to seamlessly conduct business where and how you need to.

### Incredible versatility to delight your customers

Engage customers wherever they are with a device that seamlessly goes from countertop system to sleek and light tablet (starts at just 2.3 lbs.), and offers multiple accessories including MSR or payment terminal, barcode scanner, and more[1].

### Powerful performance, operational simplicity

Power through shifts with up to an Intel® Core™ i5 CPU[5], 256GB[6] SSD, and up to 10 hours[7] of battery life. Apps are easier to navigate on the large 13.5" diagonal screen. And with familiar OS options, seamlessly run many standard, non-mobile apps. Up to 5G for connectivity almost anywhere.[8]

### World-class security for your device and data

Safeguard your device with HP Wolf Security for Business[2]—protect below, in, and above the OS. Customize unlock procedures, track devices and manage permissions with HP Smart Dock software[3]. Lock-up while charging with optional docks and mounts.[4]

### Built to last

This system undergoes 120K hours of rigorous testing[9] and military standard testing[10], resists dust and liquid (IP54 rated)[11], and withstands frequent disinfecting†. Its Corning® Gorilla® Glass screen provides strong scratch resistant protection.

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[1] NFC is included. Hardware supports Payment Module or Magnetic Stripe Reader, not both. Payment module is available in the US only and can be integrated at the time of hardware purchase or can be purchased separately. MSR is an optional feature, sold separately that requires the HP Engage Go 13.5" to be configured at purchase with payment enabled mechanical ID. Case is an optional accessory compatible with the HP Engage Go 13.5" and is available with select skus or sold separately.

[2] HP Wolf Security for Business requires Windows 10 or 11 Pro or higher, includes various HP security features and is available on HP Pro, Elite, RPOS and Workstation products. See product details for included security features.

[3] HP Smart Dock software requires Windows OS.

*[4] Optional features sold separately.*

*[5] 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.*

*[6] For storage drives, GB = 1 billion bytes. Actual Formatted capacity is less. Up to 36GB is reserved and is not user accessible.*

*[7] Windows MobileMark 18 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.*

*[8] Intel® 5G module is optional and must be configured at the factory. Only available in the United States. Module designed for 5G NR NSA (non-standalone) networks as carriers deploy Evolved-Universal Terrestrial Radio Access New Radio Dual Connectivity (ENDC) with both 100Mhz of 5G NR and LTE channel bandwidth, using 256QAM 4x4 as defined by 3GPP. Module requires activation and separately purchased service contract. Check with service provider for coverage and availability in your area. Data connection, upload and download speeds will vary due to network, location, environment, network conditions, and other factors. Backwards compatible to 4G LTE and 3G HSPA technologies. 5G module planned to be available in select platforms and select countries, where carrier supported.*

*[9] HP Total Test Process test results are not a guarantee of future performance under these test conditions. Accidental damage requires an optional HP Accidental Damage Protection Care Pack.*

*[10] MIL-STD-810H testing is not intended to demonstrate fitness of U.S. Department of Defense (DoD) contract requirements or for military use. Test results are not a guarantee of future performance under these test conditions. Accidental damage requires an optional HP Accidental Damage Protection Care Pack.*

*[11] IP54 test results are not a guarantee of future performance under these test conditions. Accidental damage requires an optional HP Accidental Damage Protection Care Pack. HP Engage Go 13.5" is IP54 rated. If unit has optional payment device IP rating goes down to IP40. † Testing disclaimer: Select third party wipes can be safely used to clean the HP Engage Go 13.5 up to 10,000 wipes: See wipe manufacturer's instructions for disinfecting and the HP cleaning guide for HP tested wipe solutions at [How to Sanitize Your HP Device Whitepaper](https://www2.hp.com/v2/GetDocument.aspx?docname=4AA7-7610ENW).  
<https://h20195.www2.hp.com/v2/GetDocument.aspx?docname=4AA7-7610ENW> .*

## Specifications

<b>Operating system</b>	Windows 10 IoT Enterprise 2021 LTSC
<b>Processor family</b>	11th Generation Intel® Core™ i3 processor
<b>Processor</b>	Intel® Core™ i3-1110G4 (up to 3.9 GHz with Intel® Turbo Boost Technology, 6 MB L3 cache, 2 cores, 4 threads) <sup>[6,7]</sup>
<b>Memory</b>	8 GB LPDDR4x-4266 MHz RAM (onboard)
<b>Graphics (integrated)</b>	Intel® UHD Graphics
<b>Display</b>	34.3 cm (13.5") diagonal, WUXGA+ (1920 x 1280) touch, IPS, Corning® Gorilla® Glass 5, 340 nits, 100% sRGB
<b>Display</b>	13.5" diagonal, WUXGA+ (1920 x 1280) touch, IPS, Corning® Gorilla® Glass 5, 340 nits, 100% sRGB
<b>Display size (diagonal)</b>	34.3 cm (13.5")
<b>Display size (diagonal)</b>	13.5"
<b>Audio</b>	HD audio with Audio Solution Codec ALC3247, single speaker
<b>Minimum dimensions (W x D x H)</b>	30 x 22.16 x 1.27 cm
<b>Minimum dimensions (W x D x H)</b>	11.81 x 8.72 x 0.5 in
<b>Weight</b>	1.04 kg <i>(Weight will vary by configuration.)</i>
<b>Weight</b>	2.3 lb <i>(Weight will vary by configuration.)</i>
<b>Ports</b>	1 nano SIM port; 2 SuperSpeed USB Type-A 5Gbps signaling rate; 1 microphone
<b>Expansion slots</b>	1 M.2
<b>Wireless</b>	Intel® Wi-Fi 6 AX201 (2x2) and Bluetooth® 5.2 wireless card (supporting gigabit data rate)
<b>Power</b>	65 W USB Type-C® adapter
<b>Battery type</b>	HP Long Life 3-cell, 42 Wh Li-ion polymer (with HP Fast Charge support)
<b>Ecolabels</b>	EPEAT® registered
<b>Energy star certified</b>	ENERGY STAR® certified
<b>Sustainable impact specifications</b>	Low Halogen
<b>Security management</b>	Credential Guard and password protection; Trusted Platform Module TPM 2.0 Embedded Security Chip; HP Smart Dock; HP Engage One Keyed Cable Lock from Connectivity Base; HP Client Security Manager; HP Multi-Factor Authenticate; HP Sure Click; HP Sure Sense; HP Sure Admin; HP MIK (SCCM Integration); HP Image Assistant; HP vPro Support; HP Sure Run Gen 4; Tile™ Application; HP Device Guard; HP BIOSphere with SureStart Gen 6; HP Blackbox NFC <sup>[2,9,15,16,17,18,19,20,23,24,25,26,27]</sup>
<b>Software included</b>	HP Device Guard; HP Credential Guard; HP BIOS Config Utility; HP Manageability Integration Kit <sup>[2,9]</sup>

UPC number

197192361405

## Additional specifications

<b>Barcode reader</b>	Newland CEM60D-HP
<b>Battery brand</b>	HP
<b>Battery capacity</b>	42
<b>Battery capacity uom</b>	Wh
<b>Battery cells number</b>	4
<b>Battery life</b>	Long Life
<b>Battery type</b>	Li-ion polymer
<b>Bluetooth version</b>	Bluetooth® 5.2
<b>Color gamut</b>	100% sRGB
<b>Display brightness</b>	340
<b>Display brightness uom</b>	nits
<b>Display glass type</b>	Corning® Gorilla® Glass 5
<b>Display panel technology</b>	IPS
<b>Display resolution (pixels)</b>	1920 x 1280
<b>Display resolution standard</b>	WUXGA+
<b>Display size (diagonal) uom</b>	"
<b>Display size (diagonal, imperial)</b>	13.5
<b>Display size (diagonal, metric)</b>	34.3
<b>Display size (diagonal, metric) uom</b>	cm
<b>Display touchscreen type</b>	touch screen
<b>Memory layout (slots &amp; size)</b>	onboard
<b>Memory size</b>	8
<b>Memory size uom</b>	GB
<b>Memory speed</b>	4266
<b>Memory speed uom</b>	MHz
<b>Memory type</b>	LPDDR4x
<b>Processor Brand</b>	Intel®
<b>Processor cache</b>	6 MB L3
<b>Processor core</b>	2
<b>Processor family</b>	Core™ i3
<b>Processor frequency technology</b>	Intel® Turbo Boost Technology
<b>Processor generation</b>	11th Generation
<b>Processor maximum frequency</b>	3.9

<b>Processor maximum frequency uom</b>	GHz
<b>Processor model</b>	1110G4
<b>Processor threads</b>	4
<b>Standard memory note</b>	Transfer rates up to 4266 MT/s.
<b>Storage capacity</b>	256
<b>Storage capacity uom 01</b>	GB
<b>Storage interface 01</b>	PCIe®
<b>Storage interface protocol 01</b>	NVMe™
<b>Storage type</b>	SSD
<b>Storage type 01</b>	SSD
<b>UNSPSC code</b>	43211509
<b>Wireless Model</b>	Wi-Fi 6 AX201
<b>Wireless antenna</b>	2x2
<b>Wireless standard</b>	Wi-Fi 6
<b>Wireless supplier</b>	Intel®
<b>Wireless transfer speeds</b>	Supporting Gigabit data rate

[2] Microsoft Device Guard and Credential Guard are available with Windows 10 IoT Enterprise delivered from HP or to customers with a volume license to use Windows 10 Enterprise. Microsoft Device Guard and Credential Guard are not available with Windows 10 Pro or Windows 11 Pro. The installation of Windows 10 Enterprise and Microsoft Device Guard and Credential Guard are available through HP Configuration & Deployment Services.

[6] 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. 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.

[7] Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See <http://www.intel.com/technology/turboboost/> for more information.

[9] HP Sure Start Gen6 is available on the HP Engage Go 13.5" Convertible equipped with 11th generation Intel® processors.

[15] HP Sure Sense currently available as an HP Softpack. HP Sure Sense will also be included in the image starting February 17, 2020.

[16] HP Sure Click is only supported on Intel Core i3, i5, i7, and i9 processors.

[17] HP Sure Click, Sure Run, Sure Recover & Sure Sense is supported on Win 10 Pro or higher, Win 10 IoT Enterprise 2019 LTSC; but not on Win 10 IoT Enterprise 2016 LTSC.

[18] vPRO support requires either an Intel Core i5 or Core i7 processor.

[19] vPRO support also requires a vPRO WLAN Card for these products.

[20] vPRO enablement is a separate option on some products.

[23] HP Sure Admin requires Windows 10 or higher, HP BIOS, HP Manageability Integration Kit from <http://www.hp.com/go/clientmanagement> and HP Sure Admin Local Access Authenticator smartphone app from the Android or Apple store.

*[24] HP Sure Click requires Windows 10 Pro or higher or Enterprise. See [https://bit.ly/2PrLT6A\\_SureClick](https://bit.ly/2PrLT6A_SureClick) for complete details.*

*[25] HP BIOSphere Gen6 features may vary depending on the platform and configuration.*

*[26] HP Sure Sense is available on select HP PCs and is not available with Windows10 Home.*

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## Accessories

### Point of Sales System Options

★ : Recommended

#### POS Terminal Accessories

60W Printer AC Adapter	3A2P5AA
Datalogic 1500i Presentation Scanner	9BU50AA
Datalogic 1500i Whi Presentation Scanner	3F568AA
Datalogic 3450Vsi Presentation Scanner	7UZ38AA
Epson 12 FT PUSB Cable	7NX62AA
Epson 6FT PUSB Dark Gray Cable	1C5A0AA
HP 6 Foot PUSB Black Cable	5C2B8AA
HP 6 Foot USB Black Cable	5C2B7AA
HP Cable Pack for Dual HP Cash Drawer	QT538AA
HP Engage Basic I/O Base	5LT86AA
HP Engage Go 13.5 Black for Ingenico Moby 5500M and MSR includes Fingerprint Reader	7Q7L5AA
HP Engage Go 13.5 Black for Ingenico Moby 5500M and MSR without Fingerprint Reader	7Q7L6AA
HP Engage Go 13.5 Black with Ingenico Moby 5500M includes Fingerprint Reader	7Q7L1AA
HP Engage Go 13.5 Black with Ingenico Moby 5500M without Fingerprint Reader	7Q7L2AA
HP Engage Go 13.5 White for Ingenico Moby 5500M includes Fingerprint Reader	7Q7L7AA
HP Engage Go 13.5 White for Ingenico Moby 5500M without Fingerprint Reader	7Q7L8AA
HP Engage Go 13.5 White with Ingenico Moby 5500M includes Fingerprint Reader	7Q7L3AA
HP Engage Go 13.5 White with Ingenico Moby 5500M without Fingerprint Reader	7Q7L4AA
HP Engage Go Dock - Black	5JG51AA
HP Engage Go Dock - White	5JG52AA
HP Engage Go Magnetic Stripe Reader	6K9B2AA
HP Engage Heavy Duty Cash Drawer RL	8QX99AA
HP Engage One Prime Cash Drawer Cable	5UU45AA
HP Engage One Pro AiO Advanced Fanless Hub Kit	9YH40AA
HP Engage One Retail Advanced I/O Connectivity Base	5LT84AA
HP Engage USB-C to HDMI Adapter	6FV70AA

## POS Bar Code and Magnetic Stripe Readers

Datalogic 4090 Wireless Charging Base	4P775AA
Datalogic 4190 Wireless Charging Base	4P776AA
Datalogic Gryphon GBT4500 2D Wireless Barcode Scanner	4P886AA
HP Engage 2D G2 Barcode Scanner	6Y2V4AA
HP Engage 2D G2 White Barcode Scanner	6Y2V5AA
HP Engage Imaging Barcode Scanner II	5YQ08AA
HP Engage Imaging Barcode Scanner II	5YQ08AT
HP Engage One Prime Barcode Scanner	638L9AA
HP Engage One Prime Barcode Scanner	638L9AT

## POS Printer

Epson H6000V Hybrid POS Printer	4ZE21AA
Epson TM-88VI Serial Ethernet USB Printer only	2HV25AA
Epson TM-L90II Printer	4J8H7AA
Epson TM-T20IIIL Serial USB Printer	340U3AA
Epson TM-T88VII PUSB Thermal Printer	8G0G7AA
Epson TM-T88VII Serial Ethernet USB Thermal Printer	8G0G6AA
Epson TM-m30II Japan Printer	38N27AA
Epson TM-m30II Printer	340U1AA
Epson TM-m30II White Japan Printer	38N28AA
Epson TM-m30II White Printer	340U2AA
Epson TM88VI PUSB Printer only	6BC94AA
HP Engage PUSB Thermal Printer	299V0AA
HP Engage Serial Ethernet USB Thermal Printer	299U7AA
HP Value Thermal Receipt Printer	4AK33AA

## POS Cash Drawer

HD Cash Drawer Till 5B5C	31G54AA
HP Engage One Prime Cash Drawer	638M5AA
HP Heavy Duty Cash Drawer	FK182AA
HP Standard Duty Cash Drawer	QT457AA
HP Standard Duty Cash Drawer	QT457AT
HP Standard Duty Till with Lockable Lid	QT458AA
HP Standard Duty Till with Lockable Lid	QT458AT
Standard Duty Cash Drawer Till 4B8C	4Z4T1AA

Standard Duty Cash Drawer Till 5B5C

4Z4T0AA

## POS Display Accessories

HP Engage 10 HD No Stand + VESA Mount Monitor

3F1W8A7

HP Engage 10 HD No Stand + VESA Mount Monitor

3F1W8AA

HP Engage 10t HD No Stand + VESA Mount Monitor

3F1W9AA

HP Engage 6.6 inch Display

9YH48AA

HP Engage 6.6 inch Display with Payment

156P0AA

HP Engage 6.6 inch Display without Payment

10P74AA

HP Engage 6.6 inch Pole Display

10P79AA

HP Engage 6.6 inch White Display

156N8AA

HP Engage One 10.1-inch Display

1XD80A7

HP Engage One 10.1-inch Display

1XD80AA

HP Engage One 10.1-inch Display

1XD81A7

HP Engage One 10.1-inch Touch Display

1XD81AA

HP Engage One W 10.1-inch Display

3FH66A8

HP Engage One W 10.1-inch Display

3FH66AA

HP Engage One W 10.1-inch Touch Display

3FH67A8

HP Engage One W 10.1-inch Touch Display

3FH67AA

## POS Cases and Covers

HP Engage Go 13.5 Case

6K9C0AA

## POS Keyboard

HP POS USB Keyboard

FK221AA

HP POS USB Keyboard

FK221AT

HP POS USB Keyboard with Magnetic Stripe Reader

FK218AA

HP POS USB Keyboard with Magnetic Stripe Reader

FK218AT

## Batteries/Chargers/Adapters

### Power Supplies

Epson PS-180 50W AC Adapter

2KH39AA

## Rack Brackets/Bezels/ Panels/Rails/ Trays/Mounting

### Mounting Kits

HP Engage Go Fixed Mount	9GF88AA
HP Engage Go Height Adjustable Pole	9GF89AA
HP Engage Go Tilt Mount	9GF87AA
HP Engage One Undercounter Mount Kit	5DS15AA

## Accessories for PC

### Mice/Pens/Other Pointing Devices

★ : Recommended

#### Wireless Mice

HP 435 Multi-Device Wireless Mouse	3B4Q5AA
HP 435 Multi-Device Wireless Mouse	3B4Q5UT

#### Wired Mice

HP Wired Desktop 320M Mouse	9VA80AA
HP Wired Desktop 320M Mouse	9VA80UT

### Port Replicators/Dongles/Docking

#### Port Replicators

HP Multi-Port + 90W Power Supply	6C6D2AA	obsolete
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### Keyboards/Other Input Devices

#### Wired Keyboards

HP Wired Desktop 320K Keyboard	9SR37AA
HP Wired Desktop 320K Keyboard	9SR37UT

#### Wired Combo

HP Wired Desktop 320MK Mouse and Keyboard	9SR36AA
HP Wired Desktop 320MK Mouse and Keyboard	9SR36UT

### Components/Upgrades

#### Internal ports/Modules/Controllers

HP XMM 7560 R+ LTE-Advanced Pro WWAN	7P993AA
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