



# HP Engage One Pro 15.6 G2 AiO System (BF6S8UT)



## Overview

**Sleek design. Fast performance. Customizable experiences.**

Elevate your customer experiences and power business operations. The HP Engage One Pro G2 combines a sleek yet durable design with powerful compute and is customizable for your specific business needs.

### **Sophisticated design meets versatile deployment.**

The sleek HP Engage One Pro G2 is purposefully designed for custom deployments. Choose from three screen sizes, multiple operating systems, and a vast ecosystem of peripherals that attach flush to the screen keeping countertops clutter-free.

### **Durability you need. Security you can trust.**

This system is built to endure. HP Engage One Pro G2 is backed by military standard testing and resists dust and liquid intrusion (IP44 rated)[3]. HP Wolf Security for Business creates a hardware-enforced, always-on defense against modern threats. [4]

### **Fast performance for exceptional experiences.**

Enable fast, seamless customer transactions and interactions with up to an Intel® Core™ i7 processor[1], 64GB DDR5 memory, 8 TB NVME M.2 SSD storage, and WiFi 7[2]. Manage your system remotely with optional Intel® vPro™.

### **Sustainability in Action.**

HP is innovating with purpose and intention to drive impactful, positive, lasting change. This device is crafted with at least 85% post-consumer recycled[5] plastic, comes in recycled packaging[6], and is ENERGY STAR® certified and EPEAT® Gold registered.

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[1] 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.

[2] Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 7 (802.11BE) functionality requires compatible Windows 11 OS, compatible processor, and separately purchased Wi-Fi 7 router to support backwards compatibility with prior 802.11 specs. Available in countries where Wi-Fi 7 is supported. The specification for 802.11BE is a draft specification and is not final. If the final specification differs from the draft specification, it may affect the ability of the device to communicate with other 802.11BE devices.

*[3] Liquid intrusion IP44 rating only applies to head unit. MIL-STD-810G 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 requires an optional HP Accidental Damage Protection Care Pack.*

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

*[5] Recycled plastic is expressed as a percentage of the total weight plastic. Post-consumer recycled is based on the definition set in the EPEAT standard for computers, IEEE 1680.1-2018 standard.*

*[6] 100% of HP paper-based packaging is from recycled or certified sustainable sources. HP paper and fiber based packaging for PCs, displays, home and office print, and supplies is reported by suppliers as recycled or certified, with a minimum of 97% by volume verified by HP. Packaging is the box that comes with the product and all paper-based materials inside the box. Packaging for personal systems accessories and spare parts is not included.*

## Specifications

<b>Operating system</b>	Windows 11 IoT Enterprise
<b>Processor family</b>	Intel® Celeron® processor
<b>Processor</b>	Intel® Celeron® G6900T (2.8 GHz base frequency, 4 MB L3 cache, 2 cores, 2 threads) <sup>[6]</sup>
<b>Memory</b>	8 GB DDR5-5600 MT/s (1 x 8 GB)
<b>Memory Slots</b>	2 SODIMM
<b>Internal Storage</b>	256 GB PCIe® NVMe™ M.2 SSD
<b>Internal drive bays</b>	Two M.2
<b>Graphics</b>	Integrated
<b>Graphics (integrated)</b>	Intel® UHD Graphics 710
<b>Display</b>	39.6 cm (15.6") diagonal, FHD (1920 x 1080), touch, IPS, anti-glare, 400 nits, 45% NTSC
<b>Display</b>	15.6" diagonal, FHD (1920 x 1080), touch, IPS, anti-glare, 400 nits, 45% NTSC <sup>[15,16]</sup>
<b>Audio</b>	Integrated HD audio with Realtek ALC3247 codec with standards internal speakers and stereo headphone jack, 2W
<b>Dimensions (W x D x H)</b>	15.2 x 1 x 15.2 cm (pro stand); 39.16 x 2.64 x 24.1 cm (head landscape); 39.16 x 24.1 x 2.64 cm (head portrait); 23.15 x 11 x 11 cm (advanced stand) (Stand only.)
<b>Dimensions (W x D x H)</b>	0.6 x 0.4 x 0.6 in (pro stand); 9.1 x 4.3 x 4.3 in (advanced stand); 15.4 x 1 x 9.5 in (head landscape); 15.4 x 1 x 9.5 in (head portrait) (Stand only.)
<b>Weight</b>	3.37 kg (15.6" display models); 0.06 kg (pro stand); 1.7 kg (advanced stand)
<b>Weight</b>	7.4 lb (15.6" display models); 1 lb (pro stand); 3.7 lb (advanced stand)
<b>Ports</b>	2 USB Type-A 5Gbps signaling rate (HP Sleep and Charge); 2 USB Type-A 5Gbps signaling rate; 1 audio-out; 1 USB Type-C® 10Gbps signaling rate (140W USB Power Delivery, DisplayPort™) <sup>[8]</sup>
<b>Expansion slots</b>	1 M.2 2230 <sup>[22]</sup>
<b>Ports</b>	1 security lock slot
<b>Ports</b>	1 USB Type-A 5Gbps signaling rate
<b>Wireless</b>	Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.3 wireless card
<b>Power</b>	280 W external power adapter, up to 89% efficiency
<b>Sustainable impact specifications</b>	Low halogen; 25% ITE-derived closed loop plastic; 75% post-consumer recycled plastic; 80% recycled aluminum in the rear plate; 15% recycle SGCC steel chassis; 50% ocean-bound plastic in fan enclosure
<b>UPC number</b>	199251038914

**Support service included**

HP 3y NBD Onsite RPOS Support Bundling. For terms and conditions, please visit <https://h20195.www2.hp.com/v2/GetPDF.aspx/4AA5-6385ENW> & <https://www8.hp.com/h20195/v2/getpdf.aspx/4AA5-7123ENUS.pdf>

## Additional specifications

<b>Accessories</b>	A2XQ3AV Engage One Pro AiO RJ45 Extender Cable; A2XQ4AV HP Engage Indicator Light; A2XU2AV HP DIB EngageOnePro 6.6 Display; A40ZCAV HP Engage 10 inch Attached Display; A40ZDAV HP Engage 10 White Display; A40ZFAV HP Engage 10t Attached Display; A40ZGAV HP Engage 10t White Display; A2XR9AV HP Engage One Pro Integrated MSR; A2XU6AV HP Engage One Pro Integrated MSR White; A2XT9AV HP Adv Fan Attach Port Replicator; A2XU3AV HP Engage 2x20 Black Attached Display; A2XU4AV HP Engage One Pro FingerPrint Reader; A2XV2AV HP USB to Serial Port Adapter; A2XW2AV HP 6.6w Attached Display; A2XW3AV HP Engage 6.6 Attached Display
<b>Barcode reader</b>	Optional HP Engage One Pro Integrated Barcode Scanner
<b>Bluetooth version</b>	Bluetooth® 5.3
<b>Color gamut</b>	45% NTSC
<b>Datasheet photo 1</b>	AHID/6509577e6e4e5673d99db6ee90017bff709d3c6c
<b>Datasheet photo 3</b>	AHID/fdcba3dc6d447490f735e1b55766a5b7f8c6e555
<b>Datasheet photo 4</b>	AHID/78cf9b870edce6c8b836e4e5c148e95ef882285e
<b>Datasheet photo 5</b>	AHID/37b578740f998c6b3f537e60e389044af7646dcb
<b>Display brightness</b>	400
<b>Display brightness uom</b>	nits
<b>Display panel technology</b>	IPS
<b>Display resolution (pixels)</b>	1920 x 1080
<b>Display resolution standard</b>	FHD
<b>Display size (diagonal) uom</b>	"
<b>Display size (diagonal, imperial)</b>	15.6
<b>Display size (diagonal, metric)</b>	39.6
<b>Display size (diagonal, metric) uom</b>	cm
<b>Display surface treatment</b>	Anti-glare
<b>Display touchscreen type</b>	Touch screen
<b>External I/O ports footnote number</b>	[9]
<b>External I/O ports footnote number</b>	[10]
<b>I/O Port location</b>	Display head
<b>I/O Port location</b>	Internal
<b>I/O Port location</b>	Side
<b>Magnetic stripe reader</b>	Optional integrated magnetic stripe reader
<b>Manageability Features 1</b>	Intel® vPro® with AMT 11.0

Manageability Features 2	TPM 2.0
Manageability Features 3	HP System Software Manager (SSM)
Manageability Features 4	HP Image Assistant
Manageability Features 5	HP Client Security Manager
Manageability Features footnote number 5	[17]
Memory layout (slots & size)	1 x 8 GB
Memory module type	SODIMM
Memory size	8
Memory size uom	GB
Memory speed	5600
Memory speed uom	MT/s
Memory type	DDR5
Number of memory slots	1
Operating humidity range	20 to 85% RH
Operating temperature range	10 to 40°C
Operating temperature range	50 to 104°F
Processor Brand	Intel®
Processor base frequency	2.8
Processor cache	4 MB L3
Processor core	2
Processor family	Celeron®
Processor frequency UOM	GHz
Processor model	G6900T
Processor threads	2
Security management	Seamless Firmware Update Service
Security management	Secured-core PC capable
Security management	HP Sure Sense
Security management	HP Client Security Manager Gen7
Security management	Windows Hello Enhanced Sign-in Security (ESS) Enable
Security management	Absolute Persistence Module
Security management	HP Secure Erase
Security management	Trusted Platform Module TPM 2.0 Embedded Security Chip shipped with Windows 10 (Common Criteria EAL4+ Certified)(FIPS 140-2 Level 2 Certified)
Security management	HP Sure Click
Security management	HP Sure Admin

<b>Security management</b>	HP BIOSphere Gen6
<b>Security management</b>	HP Platform Certificate
<b>Security management</b>	HP Sure Run Gen6
<b>Security management</b>	HP Tamper Lock
<b>Security management</b>	HP Sure Start
<b>Security management footnote number</b>	[23]
<b>Security management footnote number</b>	[19]
<b>Security management footnote number</b>	[30]
<b>Security management footnote number</b>	[25]
<b>Security management footnote number</b>	[27]
<b>Security management footnote number</b>	[24]
<b>Security management footnote number</b>	[29]
<b>Software included</b>	HSA Fusion for Commercial
<b>Software included</b>	HP Connection Optimizer
<b>Software included</b>	myHP
<b>Software included</b>	HP PC Hardware Diagnostics UEFI
<b>Software included</b>	Touchpoint Customizer for Commercial
<b>Software included</b>	HP Notifications
<b>Software included</b>	HP PC Hardware Diagnostics Windows
<b>Software included</b>	HP Privacy Settings
<b>Software included</b>	HP Desktop Support Utilities
<b>Software included</b>	HP Support Assistant
<b>Software included</b>	HP QuickDrop
<b>Software included</b>	HSA Telemetry for Commercial
<b>Software included footnote number</b>	[20]
<b>Software included footnote number</b>	[21]
<b>Software included footnote number</b>	[28]
<b>Standard memory note</b>	Transfer rates up to 5600 MT/s.
<b>Storage capacity</b>	256
<b>Storage capacity uom 01</b>	GB

<b>Storage form factor 01</b>	M.2
<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>	43211505
<b>Wireless Model</b>	Wi-Fi 6E AX211
<b>Wireless antenna</b>	2x2
<b>Wireless standard</b>	Wi-Fi 6E
<b>Wireless supplier</b>	Intel®

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*[8] HP 140W port only compatible with the 140W cable included with the product. Cable required for the HP Engage One Pro to operate.*

*[15] Actual brightness will be lower with touch screen.*

*[16] For further details please refer to Quick Specs document.*

*[22] 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 notebook to communicate with other 802.11ac WLAN devices.*

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## Services

### HP Care Pack Services

★ : Recommended

#### Personal Systems Commercial Care Pack Services

HP 4y Onsite RPOS Supp	UE6F5E ★
HP 3y Onsite w/Predictive Detection Alerts RPOS	UE9J5E ★
HP 3y Onsite w/Predictive Detection Alerts/Preferred Access RPOS	UE9K7E ★
HP 1y Post Warranty Onsite w/Predictive Detection Alerts RPOS	U67VZPE
HP 1y Post Warranty Onsite w/Predictive Detection Alerts/ Peripherals Desktop	U67W0PE
HP 3 year Recover - Restore Onsite SW Supp	U80LQE
HP 3 year Recover Hard Disk Data SW Supp	U80LNE
HP 3y Onsite w/DMR RPOS Supp	UE6F7E
HP 3y Onsite w/DMR/Peripherals RPOS Supp	UE9J2E
HP 3y Onsite w/Peripherals RPOS Supp	UE6G0E
HP 3y Onsite w/Predictive Detection Alerts/DMR RPOS	UE9J8E
HP 3y Onsite w/Predictive Detection Alerts/DMR/Peripherals RPOS	UE9K4E
HP 3y Onsite w/Predictive Detection Alerts/Peripherals RPOS	UE9K1E
HP 3y Onsite w/Predictive Detection Alerts/Preferred Access/DMR RPOS	UE9L0E
HP 3y Onsite w/Predictive Detection Alerts/Preferred Access/DMR/Peripherals RPOS	UE9L6E
HP 3y Onsite w/Predictive Detection Alerts/Preferred Access/Peripherals RPOS	UE9L3E
HP 4y Onsite w/DMR RPOS Supp	UE6F8E
HP 4y Onsite w/DMR/Peripherals RPOS Supp	UE9J3E
HP 4y Onsite w/Peripherals RPOS Supp	UE6G1E
HP 4y Onsite w/Predictive Detection Alerts RPOS	UE9J6E
HP 4y Onsite w/Predictive Detection Alerts/DMR RPOS	UE9J9E
HP 4y Onsite w/Predictive Detection Alerts/DMR/Peripherals RPOS	UE9K5E
HP 4y Onsite w/Predictive Detection Alerts/Peripherals RPOS	UE9K2E
HP 4y Onsite w/Predictive Detection Alerts/Preferred Access RPOS	UE9K8E
HP 4y Onsite w/Predictive Detection Alerts/Preferred Access/DMR RPOS	UE9L1E
HP 4y Onsite w/Predictive Detection Alerts/Preferred Access/DMR/Peripherals RPOS	UE9L7E
HP 4y Onsite w/Predictive Detection Alerts/Preferred Access/Peripherals RPOS	UE9L4E

HP 5y Onsite RPOS Supp	UE6F6E
HP 5y Onsite w/DMR RPOS Supp	UE6F9E
HP 5y Onsite w/DMR/Peripherals RPOS Supp	UE9J4E
HP 5y Onsite w/Peripherals RPOS Supp	UE9J1E
HP 5y Onsite w/Predictive Detection Alerts RPOS	UE9J7E
HP 5y Onsite w/Predictive Detection Alerts/DMR RPOS	UE9K0E
HP 5y Onsite w/Predictive Detection Alerts/DMR/Peripherals RPOS	UE9K6E
HP 5y Onsite w/Predictive Detection Alerts/Peripherals RPOS	UE9K3E
HP 5y Onsite w/Predictive Detection Alerts/Preferred Access RPOS	UE9K9E
HP 5y Onsite w/Predictive Detection Alerts/Preferred Access/DMR RPOS	UE9L2E
HP 5y Onsite w/Predictive Detection Alerts/Preferred Access/DMR/Peripherals RPOS	UE9L8E
HP 5y Onsite w/Predictive Detection Alerts/Preferred Access/Peripherals RPOS	UE9L5E

### **Personal Systems Hardware Support Onsite Service**

HP 1 year Post Warranty Next Business Day Onsite RPOS Solution Support	UL597PE
HP 1y Post Warranty Onsite RPOS Support	U8CD0PE

# Accessories

## Point of Sales System Options

★ : Recommended

### POS Display Accessories

HP Engage 10 HD No Stand + VESA Mount Monitor	3F1W8AA
HP Engage 10t HD No Stand + VESA Mount Monitor	3F1W9AA
HP Engage 2x20 Customer Facing Display	6K552AA
HP Engage One 10.1-inch Display	1XD80AA
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

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