ProductSheet

HP Engage One Pro All-in-One System (658S7UA)

Ultra sleek and fast for exceptional experiences

Introducing the point of sale system meticulously crafted to elevate your customer experience and power essential business operations. It combines a sleek yet durable design with powerhouse computing and offers an abundance of deployment options so you can tailor it to your specific needs.



Every detail crafted with intention.
Purposeful design meets sophisticated craftsmanship in a sleek aluminum frame with hidden cable management to keep your space clutter-free. Experience full visibility under any light with bright, anti-glare touchscreen display[2].

Fast performance for ultra smooth interactions.
Push productivity to the limit with up to a Intel® processors[3] and optimized thermals, delivering fast, seamless customer interactions while running whisper quiet.

Deploy it your way
Choose a size, mounting, and orientation for a setup that suits your needs. And with plenty of ports for accessories, it's the POS system that can be deployed how you want it.

Specifications

Operating system	Windows 10 Pro *(Device comes with Windows 10 and a free Windows 11 upgrade or may be preloaded with Windows 11. Upgrade timing may vary by device. Features and app availability may vary by region. Certain features require specific hardware (see Windows 11 Specifications).)*
Processor family	10th Generation Intel® Core™ i5 processor
Processor	Intel® Core™ i5-10500E (3.1 GHz base frequency, up to 4.2 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 6 cores)[6,7]
Chipset	Intel® Q470E
Memory	8 GB DDR4-2666 MHz RAM (1 x 8 GB)
Memory Slots	2 SODIMM
Internal Storage	256 GB PCIe® NVMe™ SSD
Internal drive bays	Two M.2
Graphics	Integrated
Graphics (integrated)	Intel® UHD Graphics 630
Display	49.5 cm (19.5") diagonal, FHD (1920 x 1080), touch, UWVA, anti-glare, 450 nits, 72% NTSC
Display	19.5" diagonal, FHD (1920 x 1080), touch, UWVA, anti-glare, 450 nits, 72% NTSC[13,15]
Audio	Integrated HD audio with Realtek ALC3247 codec with standards internal speakers and stereo headphone jack, 2W
Minimum dimensions (W x D x H)	39.76 x 2.64 x 24.1 cm (head landscape); 39.76 x 2.64 x 24.1 cm (head portrait); 49.48 x 2.94 x 29.26 cm (head landscape); 49.48 x 2.94 x 29.26 cm (head portrait); 60.50 x 2.94 x 33.99 cm (head landscape); 60.50 x 2.94 x 33.99 cm (head portrait); 15.2 x 1.0 x 15.2 cm (performance and pro stand) *(Stand only.)*
Minimum dimensions (W x D x H)	15.6 x 1 x 9.5 in (head Landscape); 15.6 x 1 x 9.5 in (head portrait); 19.5 x 1.2 x 11.5 in (head Landscape); 19.5 x 1.2 x 11.5 in (head Portrait); 23.8 x 1.2 x 13.4 in (head Landscape); 23.8 x 1.2 x 13.4 in (head Portrait); 0.6 x 0.4 x 0.6 in (performance and pro stand) *(Stand only.)*
Weight	.06 kg (performance and pro stand); 3.37 kg (15.6" display models); 5.70 kg (19.5" display models); 6.8 kg (23.8" display models)
Weight	0.1 lb (performance and pro stand); 7.4 lb (15.6" display models); 12.6 lb (19.5" display models); 15 lb (23.8" display models)
Ports	1 audio-out; 2 SuperSpeed USB Type-A 5Gbps signaling rate; 2 SuperSpeed USB Type-A 5Gbps signaling rate (HP Sleep and Charge); 1 RJ-45 USB NIC; 1 140W data port[21]
Expansion slots	1 M.2 2230[6]
Ports	1 Security lock slot
Ports	1 SuperSpeed USB Type-A 5Gbps signaling rate
Wireless	Intel® Wi-Fi 6 AX201 (2x2) and Bluetooth® 5.2 wireless card, non-vPro®
Power	230 W external power adapter, up to 89% efficiency, active PFC
Ecolabels	EPEAT® registered
Energy star certified	ENERGY STAR® certified
Management features	Intel® vPro® with AMT 11.0; TPM 2.0; HP System Software Manager; HP Image Assistant; HP Client Security Manager
Sustainable impact specifications	Ocean-bound plastic in speaker enclosure; 50% post-consumer recycled plastic; 25% ITE-derived closed loop plastic; Low Halogen
Security management	HP Sure Sense; HP Sure Click (Standard); HP Sure Admin; HP MIK (SCCM Integration); HP Image Assistant; HP BIOSphere with SureStart Gen6; HP Client Security Manager Gen7; HP Sure Recover Gen3; HP Sure Run Gen3[9,12,20]
Software included	HP Credential Guard; HP Device Guard; HP Support Assistant; HP BIOSphere with Sure Start Generation 6.0[9]
UPC number	(ABA) 196548157877; (ABM) 196548157884

Top Recommended Displays, Accessories and Services

POS Bar Code and Magnetic Stripe Readers	
HP Engage Imaging Barcode Scanner II	5YQ08AA
HP Engage One 2D Barcode Scanner	1RL97AA
POS Cash Drawer	
HP Standard Duty Cash Drawer	QT457AA
POS Printer	
Epson TM-88VI Serial Ethernet USB Printer only	2HV25AA

Messaging Footnotes

[2] Actual brightness will be lower with touch screen.

[3] 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.

Technical Specifications Footnotes

[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 BIOSphere with Sure Start available only on business PCs with HP BIOS. HP BIOSphere Gen 6 requires Intel® 10th generation processors. HP BIOSphere Gen6 features may vary depending on the platform and configuration.

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

[13] Actual brightness will be lower with touch screen.

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

[20] For the methods outlined in the National Institute of Standards and Technology Special Publication 800-88 "Clear" sanitation method. HP Secure Erase does not support platforms with Intel® Optane™.

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

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