

ProductSheet

HP Engage One Pro All-in-One System (6W832UT)



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 IoT Enterprise |
| Processor family | 10th Generation Intel® Core™ i3 processor |
| Processor | Intel® Core™ i3-10100E (3.2 GHz base frequency, up to 3.8 GHz with Intel® Turbo Boost Technology, 6 MB L3 cache, 4 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 | 60.5 cm (23.8") diagonal, FHD (1920 x 1080), touch, IPS, anti-glare, 625 nits, 72% NTSC |
| Display | 23.8" diagonal, FHD (1920 x 1080), touch, IPS, anti-glare, 625 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) <i>(Stand only.)</i> |
| 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) <i>(Stand only.)</i> |
| 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 | 280 W external Smart AC power adapter, up to 89% efficiency, active PFC (advance hub) |
| 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 | 196786581694 |

Top Recommended Displays, Accessories and Services

POS Bar Code and Magnetic Stripe Readers

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|--------------------------------------|---------|
| HP Engage Imaging Barcode Scanner II | 5YQ08AA |
|--------------------------------------|---------|

POS Cash Drawer

| | |
|------------------------------|---------|
| HP Standard Duty Cash Drawer | QT457AA |
|------------------------------|---------|

POS Printer

| | |
|--|---------|
| Epson TM-88VI Serial Ethernet USB Printer only | 2HV25AA |
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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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