

HP Engage One Pro AIO System

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.



*Product image may differ from actual product

Every detail crafted with intention.

- Purposeful design meets sophisticated craftsmanship in a sleek aluminum frame, in black or white¹, with hidden cable management to keep your space clutter-free. Experience full visibility under any light with a bright, up to 625 nits anti-glare touchscreen².

Fast performance for ultra smooth interactions.

- Push productivity to the limit with up to a 10th Gen Intel® Core™ i9 processor³ and optimized thermals, delivering fast, seamless customer interactions while running whisper quiet. And with optional Intel® vPro®⁴, you can manage your system remotely.

Deploy it your way

- Countertop, clean counter mount⁵ or kiosk. Three screen sizes. Portrait or landscape. Choose the setup that best suits your needs. From full range tilt and height adjustability to ports for accessories, it's the POS system that can be deployed how you want it.

Durability you need. Security you can trust.

- This system is designed to pass rigorous military standard testing⁶, IP 44 rating to resist dust and liquid intrusion⁷, and withstand frequent sanitization⁸ meets standards for IEC 60601-1-2 (EMC standard for medical electrical equipment and medical electrical systems). Advanced security features come standard, to help keep your data, devices, and customers safe and protected.
- Run demanding software solutions and get your customers quickly on their way with a 10th generation Intel® Core™ processor that delivers powerful performance and productivity.⁹
- Our premium anti-glare FHD touchscreen, offered in 15.6", 19.5" and 23.8" diagonal, boasts up to 625 nits of brightness for crystal clear legibility under any lighting conditions.²
- Select from a full ecosystem of optional accessories, designed to attach flush to screen and preserve the sleek design while providing needed functionality.¹¹
- Built for sustainability with ocean-bound and recycled plastics and recycle-friendly metals.¹²
- Go ahead and plan for the future with a five-year product lifecycle and 10-year service life, delivering the consistency you need for staggered roll-outs.
- HP's most advanced security features come standard including HP BIOSphere Gen6 with automatic updates and security checks and HP Sure Start, HP Sure Run, HP Sure Click, and more.^{13,14,15}
- The latest in heat management brings you an optimized thermal design, which keeps your system cool and optimizes energy efficiency, all while running whisper quiet.

FOR MORE INFORMATION TOLL FREE 1.800.423.4026 | info@tecnicasystems.com

HP Engage One Pro AIO System Specifications Table



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Available Operating Systems	Windows 11 Pro ¹ Windows 10 IoT Enterprise 2021 LTSC ¹ Windows 10 IoT Enterprise 2019 LTSC ¹ Android™ 11 Android™ 11 AOSP Android™ 11 GMS FreeDOS 2.0 SUSE Linux® Enterprise Desktop 12
Processor family ³	10th Generation Intel® Core™ i9 processor; 10th Generation Intel® Core™ i7 processor; 10th Generation Intel® Core™ i5 processor; 10th Generation Intel® Core™ i3 processor; Intel® Pentium® processor; Intel® Celeron® processor
Available Processors ^{2,3,7,8}	Intel® Celeron® G5900E with Intel® UHD Graphics 610 (3.2 GHz base frequency, 2 MB L3 cache, 2 cores); Intel® Pentium® Gold G6400E with Intel® UHD Graphics 610 (3.8 GHz base frequency, 4 MB L3 cache, 2 cores); Intel® Core™ i3-10100E with Intel® UHD Graphics 630 (3.2 GHz base frequency, up to 3.8 GHz with Intel® Turbo Boost Technology, 6 MB L3 cache, 4 cores); Intel® Core™ i7-10700E with Intel® UHD Graphics 630 (2.9 GHz base frequency, up to 4.5 GHz with Intel® Turbo Boost Technology, 16 MB L3 cache, 8 cores), supports Intel® vPro® Technology; Intel® Core™ i5-10500E with Intel® UHD Graphics 630 (3.1 GHz base frequency, up to 4.2 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 6 cores), supports Intel® vPro® Technology; Intel® Core™ i9-10900E with Intel® UHD Graphics 630 (2.8 GHz base frequency, up to 4.7 GHz with Intel® Turbo Boost Technology, 20 MB L3 cache, 10 cores), supports Intel® vPro® Technology
Chipset	Intel® Q470E
Product colour	Ebony black or ceramic white
Maximum memory	64 GB DDR4-2666 SDRAM ⁴ Transfer rates up to 2666 MT/s.
Memory slots	2 SODIMM
Internal storage	128 GB up to 1 TB PCIe® NVMe™ SSD ⁵ 256 GB up to 1 TB PCIe® NVMe™ SSD ⁵
Display	39.6 cm (15.6") diagonal, FHD (1920 x 1080), touch, IPS, anti-glare, 400 nits, 45% NTSC; 49.5 cm (19.5") diagonal, FHD (1920 x 1080), touch, VA, anti-glare, 450 nits, 72% NTSC; 60.5 cm (23.8") diagonal, FHD (1920 x 1080), touch, IPS, anti-glare, 625 nits, 72% NTSC ^{13,15}
Available Graphics	Integrated: Intel® UHD Graphics 610; Intel® UHD Graphics 630
Audio	Integrated HD audio with Realtek ALC3247 codec with standards internal speakers and stereo headphone jack, 2W
Expansion slots	1 M.2 2230 ⁶
Ports and Connectors	Display head: 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 ; Side: 1 Security lock slot ¹⁴ ; Internal: 1 SuperSpeed USB Type-A 5Gbps signaling rate ¹⁸ ; Optional Ports: Choose one of the following connectivity hubs: Advance hub: [1 cash drawer connector; 3 USB 2.0 Type-A; 2 power serial, 4 SuperSpeed USB Type-A 10Gbps signaling rate, 1 RJ-45 USB NIC, 1 DC connector, 1 SuperSpeed USB Type-C® 5Gbps signaling rate (27W USB Power Delivery, Alt Mode DisplayPort™), 1 140W data port]. Column hub: [3 SuperSpeed USB Type-A 10Gbps signaling rate, 1 RJ-45 USB NIC, 1 DC connector, 2 USB 2.0 Type-A, 1 SuperSpeed USB Type-C® 5Gbps signaling rate (27W USB Power Delivery, Alt Mode DisplayPort™), 1 140W data port]. Vesa hub: [3 SuperSpeed USB Type-A 10Gbps signaling rate, 1 RJ-45 USB NIC, 1 DC connector, 2 USB 2.0 Type-A, 1 SuperSpeed USB Type-C® 5Gbps signaling rate (27W USB Power Delivery, Alt Mode DisplayPort™), 1 140W data port]. Combination of Advance hub with Column hub; Combination of Advance hub with VESA hub. ^{21,22}
Communications	LAN: Intel® I219-LM GbE, vPro®; Realtek RTL8153AH GbE ¹⁴ ; WLAN: Intel® Wi-Fi 6 AX201 (2x2) and Bluetooth® 5 combo, non-vPro®; Intel® Wi-Fi 6 AX201 (2x2) and Bluetooth® 5 combo, vPro®; NFC Mirage WNC XR4V-1
Drive Bays	Two M.2
Environmental	Operating temperature: 10 to 40°C; Operating humidity: 20 to 85% RH;
Software	HP Credential Guard; HP Device Guard; HP Support Assistant; HP BIOSphere with Sure Start Generation 6.0; ⁹
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}
Fingerprint reader	Fingerprint reader (select models)
Management features	Intel® vPro® with AMT 11.0; TPM 2.0; HP System Software Manager; HP Image Assistant; HP Client Security Manager
Power	280 W external Smart AC power adapter, up to 89% efficiency, active PFC (advance hub); 230 W external Smart AC power adapter, up to 89% efficiency, active PFC (column hub); 230 W external Smart AC power adapter, up to 89% efficiency, active PFC (VESA hub)
Dimensions	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); 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.)
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); .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)
Sustainable impact specifications	Ocean-bound plastic in speaker enclosure; 50% post-consumer recycled plastic; 25% ITE-derived closed loop plastic; Low Halogen ^{11,23,24,25}
Barcode reader	Optional HP Engage One Pro integrated BCS
Magnetic stripe reader	Optional integrated magnetic stripe reader; Single-head, bi-directional, and encryption capable
Warranty	3 year (3-3-3) limited warranty and service offering includes 3 years of parts, labor and on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.

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info@tecnicasystems.com | www.tecnicasystems.com**

