

HP ENGAGE ONE PRO AIO SYSTEM

Ultra sleek and fast for exceptional experiences

Every detail crafted with intention

Fast performance for ultra smooth interaction

Deploy it your way

Durability you need. Security you can trust



Designed to have maximum versatility and reliability

HP Engage One Pro blends superb performance and sleek design in a flexible and durable point-of-sale system

- Aluminum Chassis. Steel frames, plates, & stand
- Black & white⁽¹⁾; Landscape or portrait⁽²⁾, 3 i/o connectivity hubs, or combined for even more i/o connections⁽³⁾
- Performance stand, Pro stand, Vertical stand
- Clean counter, counter mount, pole mount, or wall mount⁽⁴⁾
- Test to Mil-STD 810G⁽⁵⁾, IP44, 120K hours HP Total Test Process⁽⁶⁾
- 5 yrs. product Life Cycle & 10 years service life
- Designed and tested to withstand frequent sanitization with germicidal towelette⁽⁷⁾
- IEC 60601-1-2 (EMC standard for medical electrical equipment and medical electrical systems) Compliance



Operate with peace of mind.

Security features from HP work together to create an always-on, always-acting, resilient defense. From above, in, and below the OS, these constantly evolving solutions help protect your PC from threats.

- HP BIOS Gen6
- HP Client Security Manager Gen7⁽⁸⁾
- HP Sure Admin⁽⁹⁾
- HP Sure Recover Gen3⁽¹⁰⁾
- HP Sure run Gen3⁽¹¹⁾
- HP Sure Sense⁽¹²⁾
- HP Sure Start Gen6⁽¹³⁾

Superb Performance for Smooth Interactions

With up to 10th Gen Intel Core™ i9 processors⁽¹⁴⁾



Integrated into the column stand

3 i/o Connectivity Choices



Mount on the wall hub



Advance fanless hub

3 Column stands Choices



Performance



Pro



Vertical



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Available Operating Systems	Windows 10 Pro 64-bit ¹ Windows 10 IoT Enterprise 2019 LTSC 64 ¹ Windows 10 IoT Enterprise 2016 LTSC 64 ¹ FreeDOS 2.0 SUSE Linux® Enterprise Desktop 12 (certification only)
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	Intel® Core™ i5-10500E with Intel® UHD Graphics 630 (3.1 GHz base frequency, up to 4.5 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 6 cores)
Chipset	Intel® Q470E
Maximum memory	64 GB DDR4-2666 SDRAM ⁴ Transfer rates up to 2666 MT/s.
Memory slots	2 SODIMM
Internal storage	256 GB up to 512 GB PCIe® NVMe™ SSD ⁵
Storage acceleration	16 GB Intel® Optane™ memory H10
Display	15.6" diagonal, FHD (1920 x 1080), touch, IPS,UWVA, anti-glare, 400 nits, 45% NTSC
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
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® 10Gbps signaling rate (27 W 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® 10Gbps signaling rate (27 W 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® 10Gbps signaling rate (27 W 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}
LAN ¹⁴ Network Interface ¹⁴	Intel® I219-LM GbE, vPro® Realtek RTL8153AH GbE
WLAN ¹⁵	Intel® Wi-Fi 6 AX201 (2x2) Wi-Fi® and Bluetooth® M.2 combo card, non-vPro® Intel® Wi-Fi 6 AX201 (2x2) Wi-Fi® and Bluetooth® M.2 combo card, vPro®
Drive Bays	Two M.2
Environmental	Operating temperature: 10 to 40°C; Operating humidity: 20 to 85% RH
Software ⁹	HP Credential Guard; HP Device Guard; HP Support Assistant; HP BIOSphere with Sure Start Generation 6.0
Security management ^{9,12,17,18,19,20}	HP Sure Run; HP Sure Recover; HP Sure Sense; HP Sure Click; HP Sure Click (Standard); Self Encrypting Drives; HP BIOSphere with SureStart Gen6; K-Lock; HP Engage One Pro Biometric Fingerprint Reader (optional integrated); HP BIOS: Secure Erased & Device Guard Enablement
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);
Sustainable impact specifications ¹¹	Low halogen

RECOMMENDED ACCESSORIES

Embed Magnetic Stride Reader



Embed Barcode Scanner



Embed Fingerprint reader



Touch customer Display in 6.6", 10", 14", 16"



Receipt Printer



Fingerprint Reader



Bar Code Scanner