HP Engage One Essential All-in-One System

Retail Solutions

Elevator pitch

With durability and flexibility built into its gorgeous sealed design, the HP Engage One Essential All-in-One System meets the demands of your business and marks a new era in retail.

The opportunity

Deliver exceptional experiences to customers and value to your business with the sleek, functional HP Engage One Essential. This elegant system offers rugged durability with the performance you need, and a range of deployment and accessory options[5] so you can tailor it for your specific operations.

Conduct business confidently with a fanless, fully sealed design to protect from dust and liquid intrusion (IP54 certified*) and a 3-year onsite warranty**—all in a sleek package.

Configure a system with optional integrated accessories[5] that help keep counters clutter free—magnetic stripe reader, barcode scanner and more— and a choice of stands and mounts.[6]

Blaze through shifts with an Intel® Celeron® or Pentium® processor[4], a range of ports to connect everyday devices, and fast network connectivity through wired ethernet or Wi-Fi.[7]

Silver bullets

Alluring and easy to use

- 14"diagonal Wide Aspect ratio Projected Capacitive display; Full HD (1920 x 1080) Resolution, Anti-glare

- Sealed edge-to-edge glass

Efficient performance

- Latest Intel® processors up to Pentium[4]

- M.2 NVMe SSD Dual options up to 256GB

- Efficient and powerful DDR4 memory

- Windows 10 IoT, Linux & FreeDOS options

Versatile and customizable

- Choice of 5 different Stand/Hub[6] deployments (Essential Stand, Advanced Stand, Advanced Swivel Stand, Essential VESA Hub, and Pro VESA Hub.

- Included NFC Reader to expand use cases such as authentication

- Optional Integrated peripherals such as Magnetic Stripe Reader, Barcode Scanner, Fingerprint Reader, and 6.6 inch Customer Facing Display[5]

Dependable Durability

- IP54 certified design for dust and splash protection[1]

- Sealed fanless design

- Disinfectible[2] and scratch resistant display with water rejection technology

- Up to 3 Year standard onsite warranty[3]

What we offer

The HP Engage One Essential combines a beautiful modern design with cutting edge performance, retail-ready durability & flexible deployment options.

Key differentiators

Flexible deployment
Tailor your installation to fit your needs with various mounting options including VESA wall and pole mounts, or even self-service set-ups.[6]

Streamlined cable management
Thoughtful cable management keeps check-out areas organized and clean by neatly channeling cords through the side or back of the base.

Easy serviceability
Easily service memory an storage with quick access to the interior through the back panel.

Sustainability focused
Built with sustainability in mind with ocean-bound and recycled plastics, ENERGY STAR® 8.0 certification, and recycle-friendly metals.[8,9]

HP Engage One Essential

Intel architecture	Intel Elkhart Lake
CPUs/processors	Intel® Pentium N6415 4C
	Intel® Celeron® N6211 2C[4]
Memory	4GB/8GB DDR4
Operating systems	Windows 10 IoT Enterprise
	FreeDOS
	Linux (Ubuntu, SUSE)
Associate facing display	14"diagonal display panel (wide-aspect ratio); FHD 1920 x 1080 Resolution
	250 nits
	PCAP
Durability & Cooling	Fanless & IP54 Certified[1]
HDD, SDD, RAID	M.2 2280 PCIe-3x2 NVMe up to 256GB[10]
Connectivity	• Essential Stand (one cable) - 2 x USB -A - 2 x USB-C - 1 x RJ45 (Ethernet connectivity) •Advanced Swivel Stand (one cable) - 4 x USB-A port - 1 x USB-C DP port - 1 x 24v PUSB - 1 x RJ45 (Ethernet connectivity) - Serial (x2): 0V/5V/12V - 1 x RJ12 (cash drawer) - Power Barrel
Customer-facing displays	2 x 20 Pole Display 10" and 14" touch and non-touch CFD display
	6.6" customer display
Integrated peripherals (*Essential Payment RTP 2022)	Payment Shell w/ Ingenico Module with EMV, Contactless& MSR[13], Barcode Scanner, Fingerprint Reader, NFC[11], & Magnetic Stripe Reader[5]
Stand	Essential Stand with Tilt Advanced Swivel Stand with Tilt& Swivel[6]
Security & Manageability	ODM BIOS: AMI Core Bios, SMBios, TPM, HP EngageConsole
Standard Warranty	1 or 3 Year Standard Onsite Warranty[3]

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