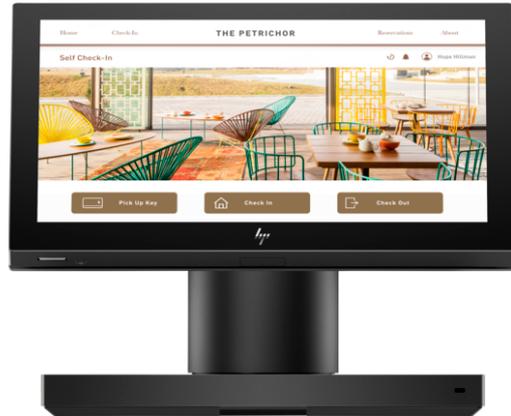




## Lasting durability meets streamlined design

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 so you can tailor it for your specific operations.



### Resiliently crafted, defined by design

Conduct business confidently with a fanless, fully sealed design to protect from dust and liquid intrusion (IP54 certified[1]). And with its sleek look, this device complements any environment.

### Design your ideal system

Configure a system for your unique business with integrated accessory options[3] that help keep counters clutter free—magnetic stripe reader, barcode scanner, fingerprint reader and more—and a choice of stands, VESA® mounts and customer facing displays.[4]

### Essential everyday performance

Get all the performance you need, without unnecessary frills. Blaze through shifts with an Intel® processor[5], a range of ports to connect everyday devices, and fast, reliable network connectivity through wired ethernet or Wi-Fi. 5[6].

## Specifications

|  |   |
|--|---|
| <b>Operating system</b>                  | Windows 10 IoT Enterprise   |
| <b>Processor family</b>                  | Intel® Pentium® processor   |
| <b>Processor</b>                         | Intel® Pentium® N6415 (1.2 GHz base frequency, up to 3.0 GHz with Intel® Turbo Boost Technology, 1.5 MB L2 cache, 4 cores, 4 threads) <sup>[6,7]</sup>  |
| <b>Memory</b>                            | 8 GB DDR4-3200 MHz RAM (1 x 8 GB)   |
| <b>Memory Slots</b>                      | 1 SODIMM  |
| <b>Internal Storage</b>                  | 128 GB PCIe® TLC SSD  |
| <b>Graphics</b>                          | Integrated  |
| <b>Graphics (integrated)</b>             | Intel® UHD Graphics   |
| <b>Display</b>                           | 35.6 cm (14") diagonal, FHD (1920 x 1080), touch, IPS, anti-glare, 250 nits, 45% NTSC   |
| <b>Display</b>                           | 14" diagonal, FHD (1920 x 1080), touch, IPS, anti-glare, 250 nits, 45% NTSC <sup>[12]</sup>   |
| <b>Audio</b>                             | Integrated HD audio with Realtek ALC3247 codec with standards internal speakers, digital mic and 1W mono speaker  |
| <b>Minimum dimensions (W x D x H)</b>    | 35.40 x 22.00 x 26.67 cm (head unit and essential stand); 35.40 x 22.00 x 28.38 cm (head unit and advanced stand); 35.40 x 22.00 x 28.38 cm (head unit and advanced swivel stand); 35.40 x 4.84 x 21.50 cm (head unit and pro VESA hub); 35.40 x 5.55 x 21.50 cm (head unit and essential VESA hub) |
| <b>Minimum dimensions (W x D x H)</b>    | 13.94 x 8.66 x 10.5 in (head unit and essential stand); 13.94 x 8.66 x 11.17 in (head unit and advanced stand); 13.94 x 8.66 x 11.17 in (head unit and advanced swivel stand); 13.94 x 2.19 x 8.47 in (head unit and essential VESA hub); 13.94 x 1.9 x 8.47 in (head unit and pro VESA hub)        |
| <b>Weight</b>                            | 4.35 kg (head unit and essential stand); 4.80 kg (head unit and advanced stand); 5.40 kg (head unit and advanced swivel stand); 3.00 kg (head unit and pro VESA hub); 2.8 kg (head unit and essential VESA hub)   |
| <b>Weight</b>                            | 9.59 lb (head unit and essential stand); 10.58 lb (head unit and advanced stand); 11.91 lb (head unit and advanced swivel stand); 6.17 lb (head unit and essential VESA hub); 6.61 lb (head unit and pro VESA hub)  |
| <b>Ports</b>                             | 1 RJ-45; 2 SuperSpeed USB Type-A 5Gbps signaling rate; 2 USB 2.0 Type-A   |
| <b>Expansion slots</b>                   | 1 M.2 2280  |
| <b>Wireless</b>                          | Realtek RTL8821CE 802.11a/b/g/n/ac (1x1) Wi-Fi® and Bluetooth® 4.2 combo  |
| <b>Power</b>                             | 150 W external Smart AC power adapter, up to 89% efficiency, active PFC (advanced stand and advanced with swivel stand and pro VESA hub)  |
| <b>Sustainable impact specifications</b> | Ocean-bound plastic in speaker enclosure; 30% post-consumer recycled plastic; Low Halogen; Outside box and corrugated cushions are 100% sustainably sourced and recyclable  |
| <b>Security management</b>               | Power-on password (via BIOS); Trusted Platform Module TPM 2.0 Embedded Security Chip; USB enable/disable (via BIOS); Security lock slot; Device security; Secure Boot; Administrator password (via BIOS); AMI BIOS <sup>[14]</sup>  |
| <b>UPC number</b>                        | 196548879472  |

## Top Recommended Displays, Accessories and Services

No Top Recommended Displays, Accessories and Services

## Messaging Footnotes

[1] HP Engage One Essential All-in-One System is IP54 Certified. Test results are not a guarantee of future performance under these test conditions. Accidental damage requires an optional HP Accidental Damage Protection Care Pack.

[3] Embedded peripherals excluding the barcode scanner and 6.6 inch customer facing display must be configured at purchase.

[4] Stands and VESA® Hubs must be configured at purchase.

[5] 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.

[6] Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 5 (802.11 ac) is backwards compatible with prior 802.11 specs.

## 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.

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

[14] Security Lock Slot available only for Advanced or Advanced Swivel Stands.

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