ProductSheet

HP Engage One Pro 15.6 G2 AiO System (BQ3Q9UA)

Sleek design. Fast performance. Customizable experiences.

Elevate your customer experiences and power business operations. The HP Engage One Pro G2 combines a sleek yet durable design with powerful compute and is customizable for your specific business needs.

Sophisticated design meets versatile deployment.
The sleek HP Engage One Pro G2 is purposefully designed for custom deployments. Choose from three screen sizes, multiple operating systems, and a vast ecosystem of peripherals that attach flush to the screen keeping countertops clutter-free.

Fast performance for exceptional experiences.
Enable fast, seamless customer transactions and interactions with up to an Intel® Core™ i7 processor[1], 64GB DDR5 memory, 8 TB NVME M.2 SSD storage, and WiFi 7[2]. Manage your system remotely with optional Intel® vPro™®.

Durability you need. Security you can trust.
This system is built to endure. HP Engage One Pro G2 is backed by military standard testing and resists dust and liquid intrusion (IP44 rated)[3]. HP Wolf Security for Business creates a hardware-enforced, always-on defense against modern threats.[4]

Specifications

Operating system	Windows 11 IoT Enterprise 2024 LTSC
Processor family	Intel® Core™ i5 14th generation processor
Processor	Intel® Core™ i5-14500T (up to 4.8 GHz Max Turbo frequency, 24 MB L3 cache, 14 cores, 20 threads)[6,7]
Processor technology	Intel® vPro® Technology
Memory	16 GB DDR5-5600 MT/s (2 x 8 GB)
Memory Slots	2 SODIMM
Internal Storage	256 GB PCIe® NVMe™ M.2 SSD
Internal drive bays	Two M.2
Graphics	Integrated
Graphics (integrated)	Intel® UHD Graphics 770
Display	39.6 cm (15.6") diagonal, FHD (1920 x 1080), touch, IPS, anti-glare, 400 nits, 45% NTSC
Display	15.6" diagonal, FHD (1920 x 1080), touch, IPS, anti-glare, 400 nits, 45% NTSC[15,16]
Audio	Integrated HD audio with Realtek ALC3247 codec with standards internal speakers and stereo headphone jack, 2W
Dimensions (W x D x H)	15.2 x 1 x 15.2 cm (pro stand); 39.16 x 2.64 x 24.1 cm (head landscape); 39.16 x 24.1 x 2.64 cm (head portrait); 23.15 x 11 x 11 cm (advanced stand) *(Stand only.)*
Dimensions (W x D x H)	0.6 x 0.4 x 0.6 in (pro stand); 9.1 x 4.3 x 4.3 in (advanced stand); 15.4 x 1 x 9.5 in (head landscape); 15.4 x 1 x 9.5 in (head portrait) *(Stand only.)*
Weight	3.37 kg (15.6" display models); 0.06 kg (pro stand); 1.7 kg (advanced stand)
Weight	7.4 lb (15.6" display models); 1 lb (pro stand); 3.7 lb (advanced stand)
Ports	2 USB Type-A 5Gbps signaling rate (HP Sleep and Charge); 2 USB Type-A 5Gbps signaling rate; 1 audio-out; 1 USB Type-C® 10Gbps signaling rate (140W USB Power Delivery, DisplayPort™)[8]
Expansion slots	1 M.2 2230[22]
Ports	1 security lock slot
Ports	1 USB Type-A 5Gbps signaling rate
Power	280 W external power adapter, up to 89% efficiency
Sustainable impact specifications	Low halogen; 25% ITE-derived closed loop plastic; 75% post-consumer recycled plastic; 80% recycled aluminum in the rear plate; 15% recycle SGCC steel chassis; 50% ocean-bound plastic in fan enclosure
UPC number	199251440465

Top Recommended Displays, Accessories and Services

No Top Recommended Displays, Accessories and Services

Messaging Footnotes

[1] 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.

[2] Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 7 (802.11BE) functionality requires compatible Windows 11 OS, compatible processor, and separately purchased Wi-Fi 7 router to support backwards compatibility with prior 802.11 specs. Available in countries where Wi-Fi 7 is supported. The specification for 802.11BE is a draft specification and is not final. If the final specification differs from the draft specification, it may affect the ability of the device to communicate with other 802.11BE devices.

[3] Liquid intrusion IP44 rating only applies to head unit. MIL-STD-810G testing is not intended to demonstrate fitness of U.S. Department of Defense (DoD) contract requirements or for military use. Test results are not a guarantee of future performance under these test conditions. Accidental requires an optional HP Accidental Damage Protection Care Pack.

[4] HP Wolf Security for Business requires Windows 10 or 11 Pro and higher, includes various HP security features and is available on HP Pro, Elite, RPOS and Workstation products. See product details for included security features.

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.

[8] HP 140W port only compatible with the 140W cable included with the product. Cable required for the HP Engage One Pro to operate.

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

[16] For further details please refer to Quick Specs document.

[22] Wireless cards are optional or add-on features and requires separately purchased wireless access point and internet service. Availability of public wireless access points limited. The specifications for the 802.11ac WLAN are draft specifications and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the notebook to communicate with other 802.11ac WLAN devices.

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