ProductSheet

HP Engage Flex Pro-C G2 Retail System (B0VF2UA)

Power to drive your business - even in small spaces

Drive business operations with a compact high-performance platform that also offers outstanding flexibility. Suitable for a wide range of deployments that span POS, digital signage, video surveillance, processing/controlling, OEM and more.



Maximize Flexibility. Minimize Space. (Flex Pro-C)
With multiple connectivity, graphics, and networking options, plus the ability to accommodate a range of peripherals, this powerful platform can be configured for almost any environment and use case. You can also declutter & optimize tight spaces since this machine and a display can be powered with just one cord and power outlet.

Built to Perform. Designed to Last
Get high level, long-term performance from quality components like Intel® 13th Generation processors[2], up to 128GB DDR5 RAM[3], and multiple OS and port options. Plan ahead with a five-year lifecycle that lets you roll out on your schedule and extend protection with optional 5 years parts/service support.[1]

Built-in Security and Manageability
Spend more time focusing on your business, not on technology. Enjoy automatic firmware intrusion detection and repair from day one with HP Sure Start Gen 7[4] and reduce the cost and complexity of managing your platform remotely with the HP Manageability Integration Kit.[5]

Specifications

Form factor	Small form factor
Operating system	Windows 11 Pro
Processor family	Intel® Celeron® processor
Processor	Intel® Celeron® G6900E (3.0 GHz base frequency, 4 MB L3 cache, 2 cores, 2 threads)[6]
Chipset	Intel® Q670
Memory	128 GB DDR5-4800 MT/s (4 x 32 GB)
Memory Slots	4 DIMM
Internal Storage	1 TB PCIe® NVMe™ SSD
Internal drive bays	Two 2.5"; Two M.2
Graphics	Integrated
Graphics (integrated)	Intel® UHD Graphics 710
Audio	Realtek ALC3252 codec, universal audio jack, headset and headphone front ports (3.5 mm), multi-streaming capable
Minimum dimensions (W x D x H)	30 x 30.2 x 10 cm
Minimum dimensions (W x D x H)	11.81 x 11.89 x 3.94 in
Weight	Starting at 3.99 kg *(Exact weight depends on configuration.)*
Weight	Starting at 8.8 lb *(Exact weight depends on configuration.)*
Ports	1 USB Type-A 5Gbps signaling rate (charging); 2 USB Type-A 5Gbps signaling rate (charging); 2 USB 2.0 Type-A; 1 DisplayPort™ 1.4; 1 RJ-45; 1 headset connector; 2 configurable video ports[11] *(Additional optional ports include up to 6 RS-232 (5/12V), up to 6 12V USB, 1 24V USB, 1 RJ-12 cash drawer.)*
Expansion slots	2 full-height PCIe (x1); 1 half-height PCIe x16 (x4); 1 half-height PCIe x16 (x16)
Ports	2 USB Type-A 5Gbps signaling rate
Ports	1 HP Fiber NIC Port Flex IO
Power	250 W internal power adapter, up to 90% efficiency, active PFC
Management features	HP Driver Packs (download); HP Image Assistant; HP Manageability Integration Kit Gen4 (download)[13]
Sustainable impact specifications	Low Halogen
Security management	Trusted Platform Module TPM 2.0 Embedded Security Chip; USB enable/disable (via BIOS); Serial enable/disable (via BIOS); HP BIOSphere; RAID configurations; Support for chassis padlocks and cable lock devices; Solenoid lock and hood sensor; Parallel enable/disable (via BIOS); Front USB enable/disable (via BIOS); HP Sure Sense; HP Secure Erase; HP Multi-Factor Authenticate; HP Sure Click (Standard); HP MIK (SCCM Integration); HP Image Assistant; HP vPRO Support; Device Guard Enablement; Self Encrypting Drives; HP Client Security Manager Gen7; HP Tamper Lock; HP Sure Run Gen5; HP Sure Admin Gen2; HP Sure Start Gen7; Intel® Active Management Technology (Intel® AMT); HP Sure Recover Gen5 (via network)[2,13,15,16,17,18,19,20,21,22,23,26,27,28,29,30,31]
Software included	HP PC Hardware Diagnostics UEFI; HP Privacy Settings; HP PC Hardware Diagnostics Windows; MyHP; HP QuickDrop; HP Easy Clean; Touchpoint Customizer for Commercial; HP Easy Clean Keyboard Driver; HSA Fusion for Commercial; HSA Telemetry for Commercial[9,12]
UPC number	198828155740

Top Recommended Displays, Accessories and Services

No Top Recommended Displays, Accessories and Services

Messaging Footnotes

[1] HP Care Packs are sold separately. Service levels and response times for HP Care Packs may vary depending on your geographic location. Service starts on date of hardware purchase. Restrictions and limitations apply. For details, visit www.hp.com/go/cpc. HP Services are governed by the applicable HP terms and conditions of service provided or indicated to Customer at the time of purchase. Customer may have additional statutory rights according to applicable local laws, and such rights are not in any way affected by the HP terms and conditions of service or the HP Limited Warranty provided with your HP Product.

[2] 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.

[4] HP Sure Start Gen7 is available on the HP Engage Flex Pro equipped with 13th generation Intel® processors.

[5] HP Manageability Integration Kit can be downloaded from http://www.hp.com/go/clientmanagement .

Technical Specifications Footnotes

[2] Microsoft Device Guard and Credential Guard are available with Windows 10 IoT Enterprise delivered from HP or to customers with a volume license to use Windows 10 Enterprise. Microsoft Device Guard and Credential Guard are not available with Windows 10 Pro or Windows 11 Pro. The installation of Windows 10 Enterprise and Microsoft Device Guard and Credential Guard are available through HP Configuration & Deployment Services.

[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.

[9] HP Easy Clean requires Windows 10 RS3 and higher and will disable the keyboard, touchscreen, and clickpad only. Ports are not disabled. See user guide for cleaning instructions.

[11] (2) USB 3.2 Gen 1 Type A (5 Gb/s signaling data rate. Actual throughput may vary).

[12] HP Quick Drop requires Internet access and Windows 10 PC preinstalled with HP QuickDrop app and either an Android device (phone or tablet) running Android 7 or higher with the Android HP QuickDrop app, and /or an iOS device (phone or tablet) running iOS 12 or higher with the iOS HP QuickDrop app.

[13] HP Manageability Integration Kit can be downloaded from http://www.hp.com/go/clientmanagement .

[15] HP BIOSphere Requires Intel® 13th Gen processors. Features may vary depending on the platform and configurations.

[16] HP Client Security Manager Gen 7 Requires Windows and Intel® 13th generation processors.

[17] HP Sure Admin requires Windows 10 or higher. HP BIOS, HP Manageability Integration Kit from http://www.hp.com/go/clientmanagement and HP Sure Admin Local Access Authenticator smartphone app from the Android or Apple store.

[18] HP Sure Start Gen7 is available on the HP Engage Flex Pro G2 products equipped with 13th generation Intel® processors and requires Windows 10 or higher.

[19] Intel vPro® requires Windows 10 Pro 64 bit or higher, a vPro supported processor, vPro enabled chipset, vPro enabled wired LAN and/or Wi-Fi 6E WLAN and TPM 2.0. Some functionality requires additional 3rd party software in order to run. Features of vPro® Essentials and Enterprise vary. See http://intel.com/vpro .

[20] For full Intel® vPro® functionality, Windows 10 Pro 64 bit, a vPro supported processor, vPro enabled chipset, vPro enabled wired LAN and/or WLAN card and TPM 2.0 are required. Some functionality requires additional 3rd party software in order to run. See http://intel.com/vpro .

[21] vPRO support requires either an Intel Core i5 or Core i7 processor.

[22] vPRO support also requires a vPRO WLAN Card for these products.

[23] vPRO enablement is a separate option on some products.

[26] HP Sure Click requires Windows 10 Pro or higher or Enterprise. See https://bit.ly/2PrLT6A_SureClick for complete details.

[27] HP Sure Click is only supported on Intel Core i3, i5, i7, and i9 processors.

[28] HP Sure Click, Sure Run, Sure Recover & Sure Sense is supported on Win 10 Pro or higher, Win 10 IoT Enterprise 2019 LTSC, or Win 10 IoT Enterprise 2021 LTSC; but not on Win 10 IoT Enterprise 2016 LTSB.

[29] RAID configuration Is optional and does require a second hard drive or solid state drive.

[30] HP Sure Run Is available on HP Engage Flex Pro G2 products equipped with 13th generation Intel® processors.

[31] The Engage Flex Pro G2 can support a single graphics card up to 75W.

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