HP ElitePOS G1 Retail System series

Retail redefined by design.

Transform your retail space with a versatile point of sale system that elevates the customer experience and supports your critical business operations. With security, durability, and flexibility built into its gorgeous design, the HP ElitePOS system marks a new era in retail.

Sleek. Modern. Adaptable.
- Designed to adapt to any retail or hospitality environment, the HP ElitePOS system features a versatile ecosystem of accessories.[1] Build the ideal solution for your business—whether it's a checkout, interactive signage or self-service.

Secure data. Protect customers.
- Today's business calls for next-level security. The HP ElitePOS answers with a self-healing PC BIOS and firmware that shields the BIOS against attacks to help keep your data, devices, and customers safe and secure.

Durable. Powerful. Built for the day ahead.
- Power through your peaks with 7th generation Intel® processors and a durable system that has a 5-year lifecycle and up to a 3-year standard limited warranty.[2] Get up to 5 years peace of mind with optional HP Care services.[3]

- Drive your business and deliver engaging, adaptable content and applications across devices and displays with the seamlessness of Windows 10 Pro or Windows 10 IoT.[4]
- Set a new bar for sophistication with accessories that complement the HP ElitePOS aesthetic, including stands, magnetic stripe and fingerprint reader, barcode scanner, customer-facing displays, and an in-column or standalone receipt printer.[1]
- Engage customers and enable associates with a modern, polished 35.56 cm (14") diagonal touchscreen display that's intuitive and responsive for fast interaction and has an anti-glare coating to minimize light interference.
- Entrust a device that's not only beautiful but retail-hardened. It's designed to pass MIL-STD 801G with a sturdy, anodized aluminum chassis that resists spills by channeling liquids away from the screen.[5]
- Get extra protection with the automatic updates and security checks of HP BIOSphere Gen3. Control application and system access with Device Guard and Credential Guard. Speed logins with an optional fingerprint reader and Windows Hello.[6,7,8]
- The HP ElitePOS is ready for duty with 7th generation Intel® processors, efficient M.2 storage, fast DDR4 memory, and optional wireless LAN with Bluetooth®. An integrated SD card reader supports easy backup, deployment, and servicing.[1,9]

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Specifications Table

Available Operating System	Windows 10 Pro 64-bit[1] Windows 10 IoT Enterprise 2016 LTSB 64-bit[1] FreeDOS SUSE Linux Enterprise Desktop 12 (certification only)
Available Processors	Intel® Celeron® 3965U with Intel® HD Graphics 610 (2.2 GHz, 2 MB cache, 2 cores); Intel® Core™ i3-7100U with Intel® HD Graphics 620 (2.4 GHz, 3 MB cache, 2 cores); Intel® Core™ i5-7300U with Intel® HD Graphics 620 (2.6 GHz base frequency, up to 3.5 GHz with Intel® Turbo Boost Technology 2.0, 3 MB cache, 2 cores)[2,3,7]
Chipset	Multi-chip package
Maximum Memory	Up to 32 GB DDR4-2400 SDRAM[4] Standard memory note: Transfer rates up to 2400 MT/s.
Memory slots	2 SODIMM
Internal Storage	128 GB up to 512 GB SATA SSD (M.2)[5] 128 GB up to 1 TB PCIe® NVMe™ SSD[5]
Display / Touch Technology	35.56 cm (14") diagonal FHD anti-glare touch screen (1920 x 1080)[15]
Available Graphics	Integrated: Intel® HD Graphics 610; Intel® HD Graphics 620
Audio	Integrated HD audio with Realtek ALC3228 codec with standards internal speakers and stereo headphone jack
Communications	LAN: Broadcom BCM943228Z 802.11n wireless M.2 with Bluetooth®; Realtek RTL8153[14] WLAN: Intel® 3165 802.11ac wireless M.2 with Bluetooth®; Intel® 8265ac (2x2) Wi-Fi® and Bluetooth® 4.2 Combo, non-vPro™; Intel® 8265ac (2x2) Wi-Fi® and Bluetooth® 4.2 Combo, vPro™; Realtek 802.11b/g/n (1x1) Wi-Fi® and Bluetooth® 4.0 Combo
Expansion Slots	1 M.2[6]
Ports and Connectors	Back: 3 serial; 2 USB 3.0; 4 USB 2.0; 1 cash drawer; 1 LAN; 1 video-out (USB Type-C™ connector); 1 microSD media card reader; 1 phone connector[13] Side: 2 serial; 2 12V powered USB; 1 24V powered USB; 4 USB 3.0; 1 cash drawer; 1 LAN; 1 video-out (USB Type-C™ connector); 1 microSD media card reader; 1 phone connector[14]
Drive Bays (Internal)	One M.2
Software	HP business PCs are shipped with a variety of software titles including: HP BIOSphere with Sure Start Generation 3.0, HP Support Assistant, HP Device Guard, HP Credential Guard. Please refer to this product's quick spec document for a full list of preinstalled software.[9]
Security Management	Power-on password (via BIOS); Setup password (via BIOS); VESA mounting; HP ElitePOS Keyed Cable Lock; HP FingerPrint Sensor (optional); HP BIOSphere with SureStart Gen 3; Device guard; Credential guard and password protection; Trusted Platform Module TPM 2.0 Embedded Security Chip; USB enable/disable (via BIOS)[9,12]
Power	120 W, 88% efficiency, active PFC (basic base); 180 W, 89% efficiency, active PFC (advanced base); 65 W, 89% efficiency at 20 V, active PFC (display head unit)
Dimensions (W x D x H)	33.62 X 21.64 X 1.76 cm (head unit); 9.6 x 9.6 x 26 cm (stand with column printer); 28.4 x 16.2 x 2.92 cm (connectivity base)
Weight	1.33 kg (rotate stand); 1.09 kg (fixed stand); 1.38 kg (head unit); 0.56 kg (connectivity base); 1.94 kg (printer)
Environmental Certification	Low halogen[11]
Energy Efficiency Compliance	ENERGY STAR® certified and EPEAT® registered configurations available[10]
Warranty	3-year (3-3-3) limited warranty and service offering includes 3 years of parts, labor and on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.

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Accessories and services (not included)

HP ElitePOS Serial/USB Thermal Printer

Redefine your perception of retail printing with the HP ElitePOS Serial USB Thermal Printer, an eye-catching, compact, cubist printer designed to dazzle alongside your HP ElitePOS at the point of sale.

Product number: 1RL96AA

HP ElitePOS 2D Barcode Scanner

Deliver an efficient customer experience with the breathtaking HP ElitePOS 2D Barcode Scanner, HP's smallest, slimmest barcode scanner, designed to complement the HP ElitePOS. It reads mobile wallets, digital coupons, and printed barcodes and can be used by hand or in presentation mode.

Product number: 1RL97AA

HP ElitePOS Fingerprint Reader

Enable secure, accurate employee log in protocols and help reduce opportunities for theft with the minimalist HP ElitePOS Biometric Fingerprint Reader. It's designed for your HP ElitePoS, can be configured next to the stand or as a standalone, and intuitively confirms successful reads.

Product number: 1RL98AA

5-year Next Business Day Onsite

Receive 5 years of next business day onsite HW Support from an HP-qualified technician for your computing device, if the issue cannot be solved remotely.

Product number: UL590E

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Messaging Footnotes

[1]Optional features sold separately or as add-on features.
[2]1- or 3-year limited warranty, depending on country.
[3]HP Care Services are optional. Service levels and response times for HP Care Pack Services may vary depending on your geographic location. Service starts on date of hardware purchase. Restrictions and limitations apply. For details, visit http://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.
[4] Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See http://www.windows.com
[5] MIL-STD testing is pending and is not intended to demonstrate fitness for U.S. Department of Defense contract requirements or for military use. Test results are not a guarantee of future performance under these test conditions. Accidental damage requires an optional HP Accidental Damage Protection Care Pack.
[6] HP BIOSphere Gen3 requires Intel® or AMD® 7th generation processors.
[7] Windows 10 Enterprise and Device Guard are only available for installation through HP Custom Integration Services to enterprise customers with a volume license to use Windows 10 Enterprise. Device Guard is not available with Windows 10 Pro.
[8] Optional fingerprint reader required. Windows Hello requires Windows 10 Pro.
[9] Wireless access point and Internet access required.

Technical Specifications Footnotes

[1] Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows 10 is automatically updated,
which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See http://www.windows.com/.
[2] Multicore 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 is not a measurement of higher performance.
[3] Your product does not support Windows 8 or Windows 7. In accordance with Microsoft's support policy, HP does not support the Windows 8 or Windows 7 operating system on products configured with Intel and AMD 7th generation and forward processors or provide any Windows 8 or Windows 7 drivers on http://www.support.hp.com.
[4] Due to the non-industry standard nature of some third-party memory modules, we recommend HP branded memory to ensure compatibility. If you mix memory speeds, the system will perform at the lower memory speed.
[5] For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30 GB (for Windows 10) is reserved for system recovery software.
[6] 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.
[7] Intel® HD Graphics 610: integrated on Celeron™ G3965U; Intel® HD Graphics 620: integrated on 7th gen Core™ i7/i5/i3 processors.
[8] Optional MSR is integrated directly into display head unit.
[9] HP BIOSphere with Sure Start available only on business PCs with HP BIOS. HP BIOSphere Gen 3 requires Intel® 7th generation processors.
[10] EPEAT® registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country. Search keyword generator on HP's 3rd party option store for solar generator accessories at www.hp.com/go/options.
[11] External power supplies, power cords, cables and peripherals are not low halogen. Service parts obtained after purchase may not be low halogen. Standard configurations meet the low halogen specifications however, some custom feature components may not meet the same Low Halogen standard. A standard configuration includes display head, rotate / tilt or fixed position stand, stability plate and I/O Connectivity Base.
[12] Device Guard is only available with Windows 10 IoT 64 Enterprise LTSB for Retail. Device Guard is not available with Windows 10 Pro.
[13] Optional HP ElitePOS Basic or Advanced I/O Connectivity base. Advanced I/O Base available early 2018. Refer to quick specs for full I/O specifications.
[14] LAN - in Retail I/O Connectivity Base.
[15] For further details please refer to Quick Specs document.

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