



HP MP9 G2 Retail System

Manage your business from the store floor to the back office and all points in between with the HP MP9 Retail System, a super-compact, flexible powerhouse platform that is deployable wherever your retail demands.



Designed for everything you demand

- Get the performance you need with your choice of familiar Windows operating systems, 6th generation Intel® processors¹, Intel® HD 530 Graphics, and a range of storage options.

One-for-all, everywhere

- Standardize your business on a high-performance platform packed into HP's smallest full-powered retail design. A range of ports and optional mounting solutions enable accessory expansion and positioning virtually anywhere.

Maximum uptime

- Focus on your business with software and hardware features that simplify serviceability. Remotely manage your systems from one console with Intel® vPro™ AMT² (select processors). Get easy access to internal components with a single thumb screw.

Ready for the wear and tear

- Confidently deploy a solution that keeps its cool with unique temperature control technology and is designed to pass HP's Total Test Process³ and MIL-STD 810G.⁴ It's also backed by a three-year limited warranty and optional HP Care Pack.⁵

Additional Features

- Meet—and exceed—your business needs with 6th generation Intel® Core™ vPro™ processors^{1,2} with the Intel Q170 Chipset, integrated Intel® HD 530 Graphics, and up to 32 GB DDR4 memory.⁶ Then select your M.2 PCIe SSD or SATA HD storage—up to 2 TB.⁷
- Go with the Windows or FreeDOS operating system you know and trust.
- Add a display—or two or three—a keyboard, mouse, cash drawer, barcode scanner, printer, and more⁸ with two DisplayPort connections, six USB 3.0 ports, one USB Type-C™, and audio inputs. Get network connectivity from an RJ-45.
- Build a perfectly efficient point of sale, kiosk, digital signage or back office solution with a selection of mounting and security accessories.⁸
- Help protect your data and hardware with HP BIOSphere with Sure Start, the industry's first self-healing BIOS, and options⁸ that secure your device to a fixed location.

HP MP9 G2 Retail System Specifications Table



Form Factor	Mini
Available Operating System	Windows 10 IoT Enterprise for Retail 64-bit ¹ Windows 10 Pro 64-bit ¹ Windows Embedded 8.1 Industry Pro Retail 64-bit ¹ Windows 8.1 Pro 64-bit ² Windows 7 Professional 64 (available through downgrade rights from Windows 10 Pro) ² Windows 7 Professional 32 (available through downgrade rights from Windows 10 Pro) ¹
Available Processors	Intel® Core™ i7-6700T with Intel HD Graphics 530 (2.8 GHz, up to 3.6 GHz with Intel Turbo Boost, 8 MB cache, 4 cores); Intel® Core™ i5-6500T with Intel HD Graphics 530 (2.5 GHz, up to 3.1 GHz with Intel Turbo Boost, 6 MB cache, 4 cores); Intel® Core™ i3-6100T with Intel HD Graphics 530 (3.2 GHz, 3 MB cache, 2 cores); Intel® Pentium® G4400T with Intel HD Graphics 510 (2.9 GHz, 3 MB cache, 2 cores); Intel® Celeron® G3900T with Intel HD Graphics 510 (2.6 GHz, 2 MB cache, 2 cores) ⁴
Chipset	Intel® Q170
Maximum Memory	32 GB DDR4-2133 SDRAM ⁵
Memory Slots	2 SODIMM
Internal Storage	128 GB or 256 GB HP Turbo Drive G2 SSD (M.2 PCIe) ⁶ 128 GB or 256 GB SATA SSD ⁶ 500 GB or 1 TB SATA (7200 rpm) ⁶ 2 TB SATA (5400 rpm) ⁶
Available Graphics	Integrated: Intel® HD Graphics ⁸ (Integrated graphics will depend on processor)
Audio	DTS Studio Sound™ audio management technology, HD audio with Realtek ALC221 codec (all ports are stereo), microphone and headphone front ports (3.5 mm), multi-streaming capable, internal speaker
Communications	Intel® i219M GbE
Expansion Slots	2 M.2 (1 M.2 2230 for WLAN. 1 M.2 2280 for storage)
Ports and Connectors	Front: 2 USB 3.0; 1 USB Type-C™; 1 headphone/microphone combo Back: 4 USB 3.0; 1 RJ-45; 1 DisplayPort; 1 VGA; 1 serial (optional); 1 HDMI (optional); 1 DisplayPort (optional) (A 2nd DisplayPort may be selected in lieu of a serial or HDMI port)
Internal Drive Bays	One 2.5"
Available Software	HP business PCs are shipped with a variety of software titles including HP ePrint Driver, HP Support Assistant, and HP Recovery Disk Creator. Please refer to this product's quick spec document for a full list of preinstalled software. ¹⁰
Security Management	Trusted Platform Module SLB9670TT1.2FW4.40 (TPM) 1.2 (Common Criteria EAL4+ certified), field upgradeable to 2.0; SATA port disablement (via BIOS); Drive lock; Intel® Identity Protection Technology (IPT); Serial, parallel USB enable/disable (via BIOS); Optional USB port disable at factory (user configurable via BIOS); Removable media write/boot control; Power-on password (via BIOS); Setup password (via BIOS); Support for chassis padlocks and cable lock devices ¹¹
Power	65 W 89% efficient (external); 90 W 89% efficient (external)
Dimensions (W x D x H)	6.9 x 1.3 x 7.0 in 175 x 34 x 177 mm
Weight	2.9 lb 1.3 kg (Configured with 1 hard drive. Exact weight depends on configuration.)
Environmental	Low halogen ¹³
Energy Efficiency Compliance	ENERGY STAR® certified and EPEAT® registered configurations available ¹²

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Accessories and services (not included)

HP Desktop Mini Security/Dual VESA Sleeve



Wrap your HP Desktop Mini PC in the HP Desktop Mini Security/Dual VESA Sleeve to securely mount your PC behind your display, position your solution on a wall, and lock it down with the optional HP Ultra-Slim Cable Lock.

Product number: G1K22AA

HP Desktop Mini 500GB Hard Drive I/O Module



Add an extra hard drive to your HP Desktop Mini PC and enable compatibility with your existing and legacy peripherals with the HP Desktop Mini 500GB HDD/I/O Module.

Product number: K9Q82AA

HP Desktop Mini I/O Module



Keep working with your existing peripherals and add legacy ports to your HP Desktop Mini PC with the HP Desktop Mini I/O Module.

Product number: K9Q84AA

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. 64-bit computing system required. 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

² Some functionality of vPro, such as Intel® Active Management Technology and Intel Virtualization Technology, requires additional third party software in order to run. Availability of future "virtual appliances" applications for Intel vPro technology is dependent on third-party software providers. Microsoft Windows required.

³ HP Total Test process test results are pending and are not a guarantee of future performance under these test conditions. Drop and other accidental damage requires an optional HP Accidental Damage Protection Care Pack

⁴ 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 and damage under the MIL STD test conditions requires an HP Accidental Damage Protection Care Pack.

⁵ HP Care Packs are sold separately. Service levels and response times for HP Care Packs may vary depending on your geographic location. Service starts from date of hardware purchase. Restrictions and limitations apply. See www.hp.com/go/cpc for details. 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.

⁶ Maximum memory capacities assume Windows 64-bit operating systems or Linux. With Windows 32-bit operating systems, memory above 3 GB may not all be available due to system resource requirements.

⁷ For hard drives and SSDs, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30 GB (for Windows 8) is reserved for system recovery software.

⁸ Sold separately.

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.microsoft.com>

² This system is preinstalled with Windows 7 Professional software and also comes with a license and media for Windows 10 Pro software. You may only use one version of the Windows software at a time. Switching between versions will require you to uninstall one version and install the other version. You must back up all data (files, photos, etc.) before uninstalling and installing operating systems to avoid loss of your data.

⁴ 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. 64-bit computing system required. Performance will vary depending on your hardware and software configurations. Intel's numbering is not a measurement of higher performance.

⁵ Transfer rates up to 2133 MT/s

⁶ For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 16 GB (for Windows 7) and up to 36 GB (for Windows 8.1 and 10) of system disk is reserved for system recovery software.

⁷ 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.

⁸ HD content required to view HD images.

⁹ Optional or add-on feature.

¹⁰ HP ePrint requires an Internet connection to HP web-enabled printer and HP ePrint account registration (for a list of eligible printers, supported documents and image types and other HP ePrint details, see www.hp.com/go/eprintcenter).

¹¹ Intel® IPT security requires separate Symantec VIP software service subscription and must be activated and configured. Requires a website that uses Symantec VIP Authentication Service. Requires Microsoft® Windows and a system with vPro or any Ultrabook. Intel® and HP assume no liability for lost or stolen data and/or systems or any other damages resulting therefrom.

¹² EPEAT® registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country.

¹³ External power supplies, power cords, cables and peripherals are not low halogen. Service parts obtained after purchase may not be low halogen.

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