HP RP5 Retail System, model 5800

A flexible, retail-hardened POS platform.

[1] 64-bit computing on Intel architecture requires a computer system with a processor, chipset, BIOS, operating system, device drivers and applications enabled for Intel® 64 architecture. Processors will not operate (including 32-bit operation) without an Intel 64 architecture- enabled BIOS. Performance will vary depending on your HW and SW configurations. See intel.com/info/em64t.
[2] vPro Technology - Some functionality of this technology, such as Intel Active management technology and Intel Virtualization technology, requires additional 3rd party software in order to run. Availability of future "virtual appliances" applications for Intel vPro technology is dependent on 3rd party software providers. Compatibility with future "virtual appliances" and Microsoft Windows 7 operating system is yet to be determined.
[3] Sold separately or as an optional feature.
[4] Wireless access point and Internet service required and sold separately. Availability of public wireless access points is limited.

Results driven

Manage your retail business from the back office to the store floor and standardize your infrastructure with the HP RP5 Retail System, model 5800, a customizable robust, long-lifecycle retail platform that's equally at home at the point of sale (POS), within a kiosk enclosure or behind the scenes.

Flexible, built to last

The HP rp5800 is expandable and highly configurable for easy implementation throughout your operation. Customize it with your choice of operating systems, Intel® Xeon® processors with Intel® vPro™ Technology[1,2], mass storage—including available Solid State Drives and optical drives—memory, and removable media. We don't stop at the technology. The retail-hardened chassis is designed to stand up in demanding retail environments, help reduce downtime, and keep your retail operation running smoothly.

Expandable and configurable

A range of USB ports support easy connectivity to a broad range of HP retail peripherals[3] for greater productivity and flexibility. Go wireless with the Wireless PCIe NIC[3,4.] Maximize space by positioning the system on the cash wrap or mounting it vertically or horizontally beneath your work space. The HP Integration Tray[3] holds the HP rp5800 and key peripherals and keeps drives, ports, and cords out of sight.

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Specifications

Operating system	Genuine Windows 7 Professional 32-bit* Genuine Windows 7 Professional 64-bit* Windows Embedded POSReady 2009 FreeDOS
Processor[1,2]	2nd generation Intel® Core™ i3, i5, i7; select processors include Intel vPro™ Technology; Dual-Core Intel® Pentium® G850
Chipset	Intel Q67 Express
Memory	Four DIMMs, dual-channel; standard non-ECC DDR3 PC3-12800 (1600 MHz) memory; supports up to 16 GB. NOTE: Dual-channel memory configurations supported for enhanced performance. When memory is labeled DDR3 1600 MHz, it will clock down to run at 1333 MHz system speed.
Internal storage	250 GB, 500 GB, or 1 TB SATA 3.0GB/s hard drive (7200 rpm); RAID 0, 1 (available HP factory); available 120 GB, 128 GB or 160 GB Solid State Drive
Removable storage	HP DVD-ROM Drive, HP SuperMulti DVD Writer Drive, Blu-ray Writer Drive; optional HP 22-n-1 Medial Card Reader
Expansion bays	Expansion bays
Expansion slots	One half-height PCI-e x1, and one half-height PCI-e x16; Choose between a PCI riser providing two (2) full-height PCI slots or a PCI-e riser providing two full-height PCI-e x1 slots.
Graphics	Integrated Intel HD10 Graphics
Audio/visual	High Definition Audio with Realtek ALC261 codec (all ports are stereo), line-out and line-in rear ports; 1 VGA port (Dual-display via optional card), internal speaker
Communications[3]	Integrated Intel 82579LM GbE, optional HP 802.11 b/g/n wireless available
Ports and connectors	Two front and five rear USB 2.0, one 24V powered USB, two power-configurable RS-232 serial/COM, two PS/2, one each: RJ-45, Cash Drawer, VGA, DisplayPort, line-in and line-out. Available on some models: up to six additional USB + power, up to two additional RS-232 serial/COM. Available as an option: parallel, eSATA, and other select PCI-e x1 cards.
Power supply	90% efficient Active Power Factor Correcting (PFC) 240-watt; ENERGY STAR® 5.0 qualified
Input devices	PS/2 or USB keyboard and PS/2, USB, or optical scroll mouse
Software	HP ProtectTools Security Suite, Norton Internet Security 201113, PDF Complete, Microsoft Office 2010 Starter, HP Power Assistant v2.015 (select models)[4], Roxio Creator Business (select models); not all software is available on all models.
Security	Kensington lock support (optional), security loop (standard), keyed security lock (optional), integrated TPM 1.2 (TPM module disabled where restricted by law.)
Dimensions (H x W x D)	3.95 x 13.3 x 14.9 in (100 x 338 x 379 mm)
Weight	15.08 lb (6.84 kg)
Warranty[5]	Standard limited 3/3/3 parts and labor and on-site service, extended manufactured lifecycle but support available up to five additional years on parts, OS support for 90 days; quick restore solution included (requires external optical drive/not included) You can also select from a range of HP CarePack services to extend your protection beyond the standard warranties. See hp.com/go/lookuptool for more information.

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[4] HP Power Assistant may not be available in all regions. Use of this application is not required.

[5] To choose the right level of service for your HP product, use the HP Care Pack Services Lookup Tool at hp.com/go/lookuptool. Additional HP Care Pack Services information by product is available at hp.com/hps/carepack. 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 hp.com/go/carepack.

Designed with the environment in mind

Reduce cooling and energy costs with the energy-efficient ENERGY STAR® Qualified and EPEAT® Gold registered[9] design that delivers extremely low power consumption. HP Power Assistant[4] software lets you control your PC's energy usage with a variety of pre-set consumption modes. The oversized cooling operates in an ambient 40°C environment (optional 50˚C kit available, configuration limitations apply) and helps ensure continued durability in busy retail environments.

Supported by HP

Get peace of mind from the standard three-year limited warranty on all hardware components, and extend your protection with a range of HP Care Pack Services.[5]

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hp.com/go/POS.**

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