

Solution brief

HP RP5 Retail System Model 5800



Retail solution

Retail-ready, configurable, and flexible POS solution.



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.¹

Flexible solution

Manage your retail business from the back office to the store floor with the HP RP5 Retail System, Model 5800 and a customized suite of retail peripherals, such as a customer display, cash drawer, scanner, receipt printer, display arm, terminal enclosure, and touchscreen monitor². Use wherever you need a powerful retail solution—at the point of sale (POS), within a kiosk enclosure or behind the scenes.

Designed with the environment in mind

Help reduce cooling costs with the 90% efficient power supply that draws less power from the power outlet, and can be set for maximum power saving to minimize the energy draw when turned off. HP Power Assistant³ 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.

Performance driven

The HP RP5 Retail System, Model 5800 is a robust, extended-lifecycle platform with 2nd generation Intel® Core™ processors, Intel® vPro™ Technology,^{4,5} PC3 SDRAM, and dual integrated graphics that delivers the enhanced performance you need for demanding retail environments. Intel vPro Technology⁵ enables out-of-band management for remote support of PCs in any power state. RAID support and Solid State Drive configurations are also available for additional security and stability.

Expandable and configurable

Customize the exact solution you need with extra memory slots, multiple PCI Express (PCIe) slots, 3.5"/5.25" bays for your choice of a secondary drive, and optional optical drives. Go wireless with the Wireless PCIe NIC.⁶ A range of USB ports support easy connectivity to a broad range of HP peripherals² for greater productivity and flexibility. The HP Integration Tray² holds the HP RP5 Retail System, Model 5800 and key peripherals and keeps drives, ports, and cords out of sight.

For more information, please visit hp.com/go/pos.

HP RP5 Retail System, Model 5800—peripheral options²

The HP RP5 Retail Solution includes the HP RP5 Retail System, Model 5800 and a selection of peripherals shown below:



HP RP5 Retail System, Model 5800

Intel® Core™ processor⁴, Windows 7, Embedded POSReady 2009*
The durable, configurable chassis is made for retail environments.

Displays



HP L5009tm Display
(VK202AA)

Use as a customer-facing or associate display. The 15" diagonal, 4:3 standard aspect ratio ensures compatibility with your retail applications.



HP L6015tm 15-inch Retail Touch Monitor⁷
(A1X78AA)

Projected Capacitive touch technology delivers an intuitive, familiar multi-touch experience and a flush-glass design for a modern look that is easy to clean. Four mounting ports accept the HP Retail Integrated 7-inch Customer Facing Display, Magnetic Stripe Reader, Biometric Fingerprint Reader, Barcode Scanner, and Webcam to enhance functionality and maximize counter space.



HP L6017tm 17-inch Retail Touch Monitor⁷
(A1X77AA)



HP L6010 10.4-inch Retail Monitor⁷
(A1X76AA)

10-inch diagonal non touch monitor is perfect for advertising and promotional opportunities.



HP L1506x 15" LED Monitor
(LL543AA)

Standard aspect ratio, 15-inch diagonal WLED-Backlit LCD can be used on included stand or mounted to a pole or wall using standard VESA mounting. Accessory rails support quick and easy mounting of the HP Mini MSR or HP Speaker Bar.²



HP LCD Pole Display
(F7A93AA)

Give customers a clear view of their transactions and share engaging, colorful, dynamic content at the point of sale.



HP POS Pole Display
(FK255AA)

Multi-size adjustable pole display provides customers with clear, easy-to-read information.



HP Graphical POS Pole Display
(QZ704AA)

A stylish and durable 2-line customer-facing display that displays text, complex character sets, and graphics. Flexible adjustability lets you place it where you need to create a clearer line of sight between a store associate and customer.

Cash Drawers



HP Heavy Duty Cash Drawer
(FK182AA)

Printer-driven operation, a compact footprint, and robust steel construction designed around a full-sized till. A wide selection of localized till inserts allows customized bill and coin storage



HP USB Standard Duty Cash Drawer
(E8E45AA)

Cost-effective and retail-ready cash drawer that accepts cash, coins, and other transaction media. Delivers easy USB connectivity for your fixed or mobile retail solution, and supports standard printers



HP Flip-Top Cash Drawer⁸
(BW867AA)

Heavy duty black case with a stainless steel lid that flips open for easy access from the top. Universal till features adjustable bill dividers and locking till cover.



HP Standard Duty Cash Drawer
(QT457AA)

Durable steel construction, compact footprint, and dual media slots make this a great, affordable solution for retail and hospitality environments.

HP RP5 Retail System, Model 5800—peripheral options² continued

Receipt Printers		
	HP PUSB Thermal Receipt Printer (FK224AA)	Powered USB two-color and monochrome thermal printer. Spill-resistant and compact with large paper roll capacity and one-button programming.
	HP Value PUSB Receipt Printer (F7M67AA)	Reduce cable clutter with a single Powered USB connection to the host platform. This single-station thermal receipt printer is designed for solid performance and reliability.
	HP Value Serial/USB Receipt Printer (F7M66AA)	Pick easy USB type A for your current and evolving platforms or keep your reliable legacy systems in play with a DB9 serial connection.
	HP Hybrid Printer with MICR (BM476AA)	Dual-station, two-color or monochrome thermal printer for receipts or impact slip printer for inserted forms and checks.
	HP Serial/USB Thermal Receipt Printer (BM476AA)	This printer offers the same features as FK224AA with serial/USB connectivity to the system.
Barcode Scanners		
	HP Imaging Barcode Scanner (BW868AA)	Omni-directional scanner decodes most common 1D and 2D barcodes, and reads barcodes from a mobile device; camera mode imager allows enhanced data collection.
	HP Presentation Barcode Scanner (QY439AA)	On-counter presentation scanner offers a sleek design, small footprint, and efficient capture of most common 1D and 2D barcodes and barcodes from mobile devices. Brackets are included so you can mount it where you need it.
	HP Linear Barcode Scanner (QY405AA)	Reads most common 1D barcodes, barcodes presented on mobile devices, and even barcodes that are poorly printed or damaged. Use as a handheld or set it in the stand.
	HP Wireless Barcode Scanner (E6P34AA)	Used in conjunction with HP Retail Systems, the HP Wireless Barcode Scanner reads a range of codes and recharges in the included presentation stand, minimizing clutter in the workspace.
Additional Peripherals		
	HP Mini Magnetic Stripe Reader with Brackets (FK186AA)	3.5 inches long with bi-directional read capability that distinguishes between magnetic data formats and provides configuration of magnetic stripe data output format.
	HP Display Pole Mount (QQ973AA)	Can be used as a standalone mount, attached directly to a counter top, or attached directly to the Integration Tray.
	HP Optional Display Arm (QQ974AA)	Use to attach a second monitor (up to 17.64 lb/8 kg total weight) to the pole.
	HP POS Keyboard with MSR (FK218AA)	Full QWERTY layout and integrated MSR in a compact 14-inch design for optimum space efficiency in retail environments with limited room.
	HP Mobile USB DVD/RW (A2U57AA)	Convenient, lightweight, and portable data storage device reads from and writes to a variety of optical disc formats.

HP RP5 Retail System, Model 5800—peripheral options² continued

Additional Peripherals (continued)



HP USB Optical Scroll Mouse
(DC172AT)

The speed and accuracy of optical tracking in a simple, elegant design.



HP RP5 Retail System, Model 5800 Terminal Enclosure
(QQ971AA)

Provides sturdy security for the HP RP5 Retail System, Model 5800, manages cables attached to the rear I/O ports, and provides security by limiting access to these connectors.



HP RP5 Retail System, Model 5800 Integration Tray
(QQ972AA)

Holds a keyboard, barcode scanner, printer (of varying sizes) and may be used with the HP Display Pole Mount for displaying monitors.

Retail Integrated Peripherals (for use with the HP L6015tm and HP L6017tm Touch Monitors)



HP Retail Integrated 7-inch Customer Facing Display
(F7A92AA)

Give customers a clear view of their transactions and share dynamic content at the point-of-sale with this 7-inch diagonal LCD display. Integrates easily into your retail solution adding video content and graphics to improve the customer experience.



HP Retail Integrated Barcode Scanner
(E6N62AV/EIL07AA)

Quickly and accurately reads 1D and 2D barcodes, including driver's licenses and codes from mobile device screens.



HP Retail Integrated Dual-Head MSR
(QZ673AA)

Supports magnetic stripe reader credit card transactions or loyalty card integration without adding clutter to the retail work space.



HP Retail Integrated Fingerprint Reader
(QZ672AA)

Eliminates password sign-in hassles and buddy-sign-in and enables additional security for employee authentication and manager approvals/transaction overrides.⁹



HP Retail Integrated Webcam¹⁰
(QZ700AA)

Enables interactive technical support for retail serviceability; supports personalized customer interface with online/remote CSRs in a kiosk setup.

* Not all features are in all editions of Windows 7. Systems may require upgraded and/or separately purchased hardware to take full advantage of Windows 7 functionality. See microsoft.com/windows/windows-7 for details.

1 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.

2 Sold separately or as an optional feature.

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

4 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.

5 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.

6 Wireless access point and Internet service required and sold separately. Availability of public wireless access points is limited.

7 Monitor comes standard as head only. HP Height-Adjustable Stand for Touch Monitors (A1X81AA) is available for HP L6015tm and L6017tm. The HP Dual Position L6010 Stand (A1X79AA) is available for separate purchase for the HP L6010 Display.

8 Available in EMEA only.

9 Requires fingerprint reader-enabled software/application, sold separately.

10 Internet access, sold separately, is required for transmission of images and video over a network using the webcam.

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