

ap5000 All-in-One POS System

This compact, all-in-one system offers flexibility and style with the reliability and performance you need to run your business. It's designed perfectly for general/specialty retail and hospitality.



See What's in Store at HP, visit www.hp.com/go/POS

The HP ap5000 All-in-One Point of Sale System is designed to take the guesswork out of creating a point-of-sale hardware solution and meet the space and performance requirements of retailers of all sizes. Ruggedized for retail, yet stylish enough for even the most high-end settings, the HP ap5000 POS System fits your existing retail operations with ease.

Eliminate the Guesswork

Integrated hardware makes your decision easy: CPU, 15-inch diagonal resistive touchscreen display, magnetic stripe reader, and two-line customer facing display. To enhance your promotional activities, a standard rear advertisement panel (non-electrical) and an optional 10.4" rear LCD customer display is also available.

Choose a solid state drive and Intel processor for the ideal configuration for your business. The ap5000 is also RAID capable (Level 0 or 1) with a second hard drive or solid state drive.

A powered USB port and three power-configurable serial ports help eliminate cable clutter, plus you only need one power outlet. The HP ap5000 POS System is designed to run solidly throughout extended business hours without interruptions.

Ruggedized for Retail

The HP ap5000 POS System provides reliable, retail-hardened engineering that minimizes downtime and helps keep your store running smoothly. The ruggedized POS system, water-resistant touchscreen display, and 40° C ambient temperature support extend longevity through your normal business activities. The durable chassis has endured environmental and shock testing to withstand prolonged wear and tear typical in a retail environment.

Speed Checkout Time and Improve Productivity

Streamline your check-out process and enhance your customers' shopping experience with a wide choice of HP Retail POS peripherals.

Supported by a Brand You Trust

For worry-free maintenance, HP provides a standard three-year limited warranty on all hardware components. For extended coverage choose from a variety of HP Care Pack Services, where you get the flexibility to select the support level you need to protect your POS system - all for a fixed, predictable, and affordable price.¹

For post-sales support, call HP's dedicated Retail POS support line at 1 (866) 852-4865.

For additional information, visit www.hp.com/go/ap5000



SPECIFICATIONS

Operating system	Preinstalled Options Genuine Windows 7 Professional 32-bit ² Windows XP Professional (available through downgrade rights from Genuine Windows 7 Professional) Microsoft Embedded POS Ready 2009 FreeDOS
Processor ^{3, 4, 5}	Intel® Celeron® 440 (2.0 GHz, 512K L2 Cache, 800 MHz FSB) Intel® Core™2 Duo E7400 (2.8 GHz, 3 MB L2 Cache, 1066 MHz FSB)
Chipset	Intel Q965 Express Chipset ICH8R
Memory	Dual channel; DDR2 up to 4 GB ⁶ DIMM, 2 slots, supports 667/800 MHz NOTE: DDR 2 800MHz will clock down to 667MHz
Display	Cashier facing 15-inch diagonal TFT dual-bulb display, 1024 x 768 resolution, with 5-wire resistive type touchscreen, water-resistant and dust-protected with an IP55 rating (touchscreen display only). Can use stylus, finger tip, finger nail, or credit card edge to perform touch.
Graphics	Integrated Intel Graphics Media Accelerator 3000
Communications/NIC	Realtek RTL8111C Ethernet Connection, 10/100/1000 NIC, with WOL support
Input Devices	Keyboard and mouse not included. Support for PS/2 or USB keyboard and support for USB mouse. Note: a keyboard is required to unbundle the software image.
Magnetic stripe reader (MSR)	Multi-track (3), fully integrated MSR, conforms to ANSI/ISO 7810, 7811 1/5, 7812, and 7813; Supports OPOS and JPOS driver layers; 3 tracks: IATA, ABA, THRIFT; bi-directional swipe; LED indicates status of reader.
Customer-facing Vacuum Florescent Display (VFD)	Customer facing 2 line x 20 character display (40 characters total), RS-232 (COM) interface, DC5V (COM port set to 5 Volts at factory in BIOS setup). Supports complex character set, control commands, user-defined fonts and international fonts. Display pitch adjustment from 10 degrees to 90 degrees, no height adjustment.
Advertisement panel	This non-electrical panel features a clear cover. It may be removed so that print material/advertisements can be displayed. Template provided.
Storage ⁷	Hard drive: (2) 2.5" internal hard drive bays, ships from factory with (1) 160 GB 2.5" hard drive, or (1) 64 GB solid state 2.5" hard drive; available drive options vary by model. RAID (Level 0,1) capable, requires 2 hard or solid state drives. Optical drive: External USB only (not included). Note: An optical drive is required to restore the software image.
I/O ports and connectors	5 USB 2.0 ports (1 included on left side of front display); 1 Powered USB 24 Volt port, 3 RS-232 (COM) ports (COM 1 & 2 are 5 Volt configurable in BIOS, COM 3 is 12 Volt configurable in BIOS); 1 RJ-45/NIC, 1 PS/2 port for keyboard; 1 parallel, 1 VGA, 1 audio line out, and 1 microphone in.
Audio/visual	Integrated high-definition audio with 2-channel Via VT1708S codec
Security	Kensington Lock support
Software	McAfee Total Protection ⁸ , PDF Complete, HP Client Automation Agent (Windows 7 and Windows XP only)
Power supply	DC19C for 130W AC Active PFC power adapter; ENERGY STAR [®] 5.0 qualified, European Union 2005/32/EC (EUP LOT 6, EUP LOT 7), input 90 to 260 VAC; Frequency range 47 to 63 Hz
Power management	Advanced Configuration and Power Management Interface (ACPI).
Dimensions (WxHxD)	17.16 x 13.86 x 18.98 in (43.6 x 35.2 x 48.2 cm)
Weight	24.36 lb (11.05 kg)
Warranty	Three years, standard limited warranty on parts, labor, and on-site services. Two-year manufactured product lifecycle but support available up to five additional years on parts, labor and on-site services. OS support for 90 days; quick restore solution included (requires external optical drive, not included). Optional HP Care Pack Services are extended service contracts which go beyond your standard warranties ¹ . For more details visit: http://www.hp.com/go/lookuptool .

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Windows.[®] Life without Walls.
HP recommends Windows 7.

Water-resistant, dust protected, 5-wire resistive cashier touchscreen display

Customer facing Vacuum Florescent Display (2 line x 20 characters). Optional 10.4" LCD customer display available.

Multi-track (3) Magnetic Stripe Reader (MSR)

Stand with internal power supply adapter

Main display hinge, allows for pitch adjustments from 10 to 90 degrees.

Advertisement panel (non-electrical)





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

For post-sales warranty support, call HP's dedicated Retail POS support line at 1 (866) 852-4865, option 3.
2. Systems may require upgraded and/or separately purchased hardware and/or an external DVD drive to install the Windows 7 software and take full advantage of Windows 7 functionality. See <http://www.microsoft.com/windows/windows-7/> for details.
3. Dual Core is designed to improve performance of multithreaded software products and hardware-aware multitasking operating systems and may require appropriate operating system software for full benefit. Not all customers or software applications will necessarily benefit from use of this technology.
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 hardware and software configurations. See www.intel.com/info/em64t for more information.
5. Intel's numbering is not a measurement of higher performance.
6. Up to 4 GB may not be available with 32-bit operating systems due to system resource requirements (1-3 GB available with 32 bit operating system).
7. GB = 1 billion bytes. Actual formatted capacity is less. Up to 8GB (for XP) and up to 16GB (for Windows 7) of system disk is reserved for system recovery software.
8. 60 day trial period. Internet access required to receive updates. First update included. Subscription required for updates thereafter.

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