# HP Officejet Pro 8500 Premier All-in-One

Datasheet

**HP Officejet Pro 8500 Premier All-in-One**
**print, fax, scan, copy**

Print your own marketing materials—save up to 50% compared to copy shops[1]

Energy Star® qualified all-in-one
**Laser Comparable Speeds[2]:** Up to 15 ppm black, Up to 11 ppm color,
**Maximum Print Speeds:** 35 ppm black, 34 ppm color[3]
**Scan Resolution:** Up to 2400 x 4800 dpi; **Maximum Scan Size:** 8.5 x 14 in
**Copy Reduce/Enlarge:** 25 to 400%; **Maximum Number of Copies:** 99
**Fax Memory:** Up to 125 pages; **Speed Dial:** Up to 99 numbers
**Display:** Touch-screen CGD
**Networking:** Standard (built-in Ethernet, WiFi 802.11b/g); **Wireless Technologies:** 802.11b/g, Bluetooth (optional)
**Paper Handling:** 250-sheet paper tray, second 250-sheet paper tray, 50-sheet Automatic Document feeder, Automatic two-sided printing

### Save on your in-house color marketing materials[4]

- Save up to 50% by printing color marketing materials in-house[1].
- Print professional color documents for up to 50% less cost per page than lasers with HP Officejet inks[1].
- Create print shop-quality materials in the office using pigment inks on plain paper.
- Save money by replacing only the individual pigment ink cartridge that runs out.

### Top performance to keep your business growing

- Speeds equivalent to a laser printer with up to 15 ppm black, 11 ppm color[2].
- Maximum speeds of 35 ppm black, 34 ppm color[3].
- Share your all-in-one easily and use resources more efficiently with wireless 802.11g networking[5].
- Print up to 500 sheets without reloading thanks to a second 250-sheet paper tray.

### Cut energy use and build your bottom line

- Save money and energy with this efficient Energy Star® qualified all-in-one.
- Reduce paper use and costs by up to 50% with two-sided printing.
- This HP Officejet Pro All-in-One consumes up to 50% less energy than laser all-in-ones[6].

### Pass on the copy shop—it's all right here

- Produce high-impact collateral without a copy shop using HP Print View Software.
- Create marketing materials with specialty samples, discounts and templates using HP starter kit.
- Save time and get high-quality results with automatic two-sided prints, faxes, scans and copies.
- Get more pages and fewer cartridge replacements with available high-capacity cartridges[7].

[1]InfoTrends US Cost of Printing study. Go to http://www.hp.com/go/ihm for more details. Short runs of up to 500 prints.
[2]Based on ppm measured using FDIS ISO/IEC 24734. Standard applies to inkjet and laser products and excludes first set of test documents.
[3]After first page. For details, see http://www.hp.com/go/inkjetprinter.
[4]Majority of color laser AiOs < $600, June 2008, OJ Pro with highest-capacity cartridges. For details http://www.hp.com/go/officejet.
[5]Wireless performance is dependent upon physical environment and distance from access point.
[6]Majority of color laser AiOs < $600, June 2008, energy use based on HP testing using the ENERGY STAR® program's TEC test method criteria. For details http://www.hp.com/go/officejet.
[7]Not included. Please purchase separately.

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## Technical specifications

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|---|---|
| **AIO Functions** | Color print, color copy, color scan, color fax |
| **Print Technology** | HP Thermal Inkjet; **Printer Language:** HP PCL GUI |
| **Print Speed**[1, 2] | **Laser Comparable Speeds:** Up to 15 ppm black, Up to 11 ppm color; **Maximum Print Speeds:** 35 ppm black, 34 ppm color; **4 x 6 Photos:** As fast as 82 sec |
| **Print Resolution** | **Black Best:** Up to 1200 x 1200 dpi; **Color Best:** Up to 4800 x 1200 optimized dpi color (on advanced photo paper, 1200 x 1200 input dpi) |
| **Print Capabilities** | **Borderless Printing:** Yes (Up to 8.5 x 11 in, 215.9 x 279.4 mm); **Direct Print Supported:** Yes (memory cards, PictBridge cameras) |
| **Fax Features** | **Junk Barrier Supported:** Yes (requires Caller ID); **Remote Retrieval Capability Supported:** No; **Fax Forwarding Supported:** Yes; **Fax Phone TAM Interface Supported:** No; **PC Interface Supported:** Yes; **Fax Polling Supported:** Yes; **Distinctive Ring Detection Supported:** Yes; **Delayed Sending Supported:** Yes; **Auto Redialing Supported:** Yes; **Send to E-mail:** Yes, **Auto Fax Reduction Supported:** Yes; **Fax Memory (letter)**[3]**:** Up to 125 pages; **Maximum Broadcast Locations:** 48; **Speed Dials:** Up to 99 numbers |
| **Fax Phone Features** | Speed dial, program dial, monitor dial, redial, speaker volume control, auto answer, manual faxing |
| **Fax Speed**[4] | 3 sec per page; **Fax and Modem Description:** 33.6 Kbps |
| **Fax Resolution** | **Fax Resolution Black (standard):** 203 x 98 dpi; **Fax Resolution (photo):** 203 x 196 dpi; **Fax Resolution Black (best):** Up to 300 x 300 dpi |
| **Scan Resolution**[4] | **Optical:** Up to 4800 dpi; **Hardware:** Up to 2400 x 4800 dpi; **Enhanced:** Up to 19200 dpi; **Bit-depth:** 48-bit; **Grayscale Levels:** 256 |
| **Scan Technolgy/Type/Size** | CIS; **Scan Type:** Flatbed, ADF; **Max. Scan Size:** 8.5 x 14 in |
| **Copy Resolution** | **Black:** Up to 1200 x 600 dpi |
| **Copy Speed** | **Black:** Up to 35 cpm; **Color:** Up to 34 cpm |
| **Number of Copies/Resize** | **Maximum:** Up to 99 copies; **Resize:** 25 to 400% |
| **Standard Connectivity** | 1 USB 2.0, 1 Ethernet, 1 PictBridge, 1 RJ-11 fax, Wireless 802.11 b/g (standard or optional), supports IPv4 and IPv6 |
| **Network Ready** | Standard (built-in Ethernet, WiFi 802.11b/g) |
| **Wireless Capability** | Yes; **Wireless Technology**: 802.11b/g, Bluetooth (optional) |
| **Duty Cycle (monthly, letter)** | Up to 15,000 pages |
| **Memory Card Compatibility** | 4 slots: CompactFlash Type I and II, Memory Stick, Memory Stick Pro, Secure Digital (SD), High Capacity Secure Digital (SDHC), MultiMediaCard (MMC), xD-Picture Card, Conditionaly supported: Secure MMC (encryption not supported), MagicGate Memory Stick (encryption not supported), Only by adapter: Memory Stick Duo, Memory Stick Pro Duo, Memory Stick Micro (adapter not included, purchase separately), Reduced-size MultiMediaCard, RS-MMC/MMC mobile/MMCmicro/miniSD/microSD (adapter not included, purchase separately) |
| **Digital Sending Features** | Scan to E-mail, Scan to Network Folder, Fax Archive to E-mail, Fax Archive to Network Folder; **Send to E-mail Capability:** Yes |
| **Standard Memory/Processor/Display** | 128 MB, **Processor Speed:** 348 MHz; **Display:** Touchscreen, 3.4-in LCD (color graphics) |
| **Media Types** | Paper (brochure, inkjet, plain), photo paper, envelopes, cards (index), transparencies |
| **Media Sizes/Weight Supported** | Letter, legal, statement, executive, 3 x 5 in, 4 x 6 in, 5 x 7 in, 5 x 8 in, 4 x 10 in, 4 x 11 in, 4 x 12 in, 8 x 10 in, envelopes (No. 10, Monarch, DL; Tray 1: 16 to 28 lb (plain media), 16 to 66 lb (special media), up to 110 lb index (cards) |
| **Paper Handling** | Duplex Print Options: Automatic (standard), Standard: 250-sheet input tray, 250-sheet second paper tray, 50-sheet automatic document feeder; **Input Capacity:** Up to 500 sheets letter/legal, Maximum: Up to 70 sheets transparencies, Up to 55 cards, Up to 55 sheets 4 x 6 photos, Up to 55 sheets photo paper, Up to 20 envelopes; **Output Capacity:** Up to 150 sheets letter/legal, Up to 60 sheets transparencies, Up to 55 cards, Up to 15 envelopes |
| **Compatible Operating Systems** | Windows 2000 (SP4), Windows XP Home (SP1) and Professional (SP1) (32 and 64-bit), Windows XP Professional x64 (SP1), Windows Vista Business, Windows Vista Enterprise, Windows Vista Home Basic, Windows Vista Home Premium, and Windows Vista Ultimate (32-bit x86 and 64-bit); Mac OS X v 10.4.11 or higher; Mac OS X v 10.5.x |
| **Minimum System Requirements** | Windows Vista® : 800 MHz 32-bit (x86) or 64-bit (x64) processor, 512 MB RAM, 425 MB hard disk space, Internet Explorer 7.0, Windows 2000 (SP4), XP (SP1) Home, Professional, x64 Editions: Intel Pentium II, Celeron processor, Windows XP x64: AMD Athlon™ 64 or Opteron™ processor, Intel Xeon or Pentium processor with Intel EM64T support; Windows 2000 (SP4): 128 MB RAM, 200 MB hard disk space, Windows XP 32-bit (SP1): 512 MB RAM, 410 MB hard disk space, Windows XP x64 (SP1): 512 MB RAM, 290 MB hard disk space, Internet Explorer 6.0. For all systems: CD-ROM and USB. For Windows 2000 Service Pack 4, Windows XP x64 Edition Service Pack 1, Windows XP Starter Edition, and Windows Vista Starter Edition, only the printer driver, scanner driver, and the Toolbox are available; **Mac:** Mac OS X v 10.4, v 10.5: PowerPC G3, G4, G5, or Intel Core processor, 256 MB RAM, 500 MB hard disk space, CD-ROM, USB |
| **Operating Environment** | **Recommended Operating Temperature:** 59 to 95° F (15 to 35° C); **Maximum Operating Temperature:** 41 to 104° F (5 to 40° C); **Temperature Storage Range:** -40 to 140° F (-40 to 60° C ); **Operating Humidity:** 20 to 80% RH; **Humidity Recommended Operating Range:** 25 to 75% RH |
| **Power**[5] | **Power Supply Type:** External Universal Power Supply; **Input Voltage:** 100 to 240 VAC (+/- 10%), 50 to 60 Hz; **Power Consumption**[6]**:** 55 watts maximum; 16 watts (printing); 34 watts (copy); .04 watts (off), 5.1 watts (powersave), 5.8 watts standby |
| **Acoustics** | **Power Emissions:** 6.8 B(A) (plain mono Normal mode), 7.1 B(A) (plain mono Draft mode); **Pressure Emissions:** 59 dB(A) (plain mono Normal mode), 62 dB(A) (plain mono Draft mode), 16 dB(A) (idle mode) |
| **Product Dimensions/Weight** | **W x D x H:** 19.45 x 18.86 x 15.6 in (494 x 479 x 397 mm) with duplexer and second 250-sheet paper tray installed; **Weight:** 33.8 lb (15.35 kg) |
| **What's in the Box** | HP Officejet Pro 8500 Premier All-in-One, automatic two-sided printing accessory, second 250-sheet paper tray, HP 940 black/yellow printhead, HP 940 Cyan/Magenta printhead, (1 each) HP 940 Black Officejet Ink Cartridge (~ 1,000 pages), (2 each) HP 940 Cyan Officejet Ink Cartridge, (2 each) HP 940 Magenta Officejet Ink Cartridge, (2 each) HP 940 Yellow Officejet Ink Cartridges: composite yield (~ 900 pages), power supply, power cord, phone cord, setup poster, Getting Started Guide, CD-ROMs (for software, Windows and Mac printer drivers, and User's Guide). |
| **Warranty** | One-year limited hardware warranty, 24-hour, 7 days a week Web support, business hour phone support within warranty period |
| **Service and Support Options** | HP 2-year Next Business Day Exchange, UG103E<br>HP 3-year Next Business Day Exchange, UG073E<br>HP 4-year Next Business Day Exchange, UH607E |
| **Replacement Ink Cartridges**[7] | HP 940 Black Officejet Ink Cartridge (~ 1,000 pages), C4902A<br>HP 940 Cyan Officejet Ink Cartridge (~ 900 pages), C4903A<br>HP 940 Magenta Officejet Ink Cartridge (~ 900 pages), C4904A<br>HP 940 Yellow Officejet Ink Cartridge (~ 900 pages), C4905A<br>HP 940XL Black Officejet Ink Cartridge (~ 2,200 pages), C4906A<br>HP 940XL Cyan Officejet Ink Cartridge (~ 1,400 pages), C4907A<br>HP 940XL Magenta Officejet Ink Cartridge (~ 1,400 pages), C4908A<br>HP 940XL Yellow Officejet Ink Cartridge (~ 1,400 pages), C4909A |

## For more information visit our website at www.hp.com

**HP Product**
HP Officejet Pro 8500 Premier All-in-One

**Part Number**
CB025A

Product Identifier: A909n
ENERGY STAR® qualified models; see http://www.hp.com/go/energystar

[1]Based on ppm measured using FDIS ISO/IEC 24734. Standard applies to inkjet and laser products and excludes first set of test documents. [2]After first page; see http://www.hp.com/go/inkjetprinter for details. [3]Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory. [4]The maximum dpi at which you can scan is limited by available computer memory, disk space, and other system factors. [5]Power requirements are based on Europe and North America. The operating readings are taken from the average power consumed during normal mode printing. [6]Power measurement are based on Energy Star OM test procedure with 230 VAC, 50 Hz input. [7]Actual yield varies considerably based on content of printed pages and other factors. Some ink from included cartridge is used to start up the printer. For details see http://www.hp.com/go/learnaboutsupplies

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