

Wireless, Print, Fax, Scan and Copy

# HP OfficeJet Pro 6970 All-in-One Printer



Supercharge the office with affordable colour and fast two-sided performance. Save paper with automatic two-sided printing, and handle more tasks without slowing down. Get a variety of mobile printing options and seamless mobile setup.<sup>1, 2</sup>

Dynamic security: Cartridges with non-HP chips might not work today or in the future. Learn more at [hp.com/go/learnaboutsupplies](http://hp.com/go/learnaboutsupplies)



## Remarkable value for professional, in-office colour

- Manage your budget with professional-quality colour at up to 50% less cost per page than lasers.<sup>3</sup>
- Print up to 5x as many black text pages with optional Original HP high-yield ink cartridges.<sup>6</sup>
- Produce professional-quality colour and black text that's perfect for printing reports, charts, and more.
- Rely on Original HP pigment inks for durable prints that resist water and last for decades.<sup>7</sup>



## Easy mobile printing, seamless mobile setup<sup>2</sup>

- Easily print from a variety of smartphones and tablets.<sup>8</sup>
- Connect a smartphone or tablet directly to the printer and easily print without a network.<sup>5</sup>
- Print wirelessly, and share this all-in-one with other wireless-enabled devices.<sup>4</sup>
- Easily manage printing tasks and scan on the go, with the HP All-in-One Printer Remote mobile app.<sup>9</sup>



## Handle more tasks and effortlessly scan

- Set the pace for success with rapid print, scan, and copy speeds.
- Save paper and conserve resources—consume up to 50% less paper with automatic two-sided printing.
- Make scanning effortless and accurate. Never turn a page again when you need to scan two-sided documents.
- Quickly copy, scan, and fax multipage documents with the 35-page two-sided automatic document feeder.

<sup>1</sup> Local printing requires mobile device and printer be on the same network or have a direct wireless connection. Remote printing requires an Internet connection to an HP web-connected printer. For details on how to print, including whether an app is required, see [hp.com/go/mobileprinting](http://hp.com/go/mobileprinting)

<sup>2</sup> Requires HP All-in-One Printer Remote mobile app download and is compatible with iPhone® 4 and later, iPad® 4th generation, iPad mini™, iPad Air®, iPod®, and mobile devices using Android™ 4.0.3 or later. For a full list of supported operating systems, see [hp.com/go/mobileprinting](http://hp.com/go/mobileprinting)

<sup>3</sup> Compared with the majority of colour laser AiOs < \$300 excluding VAT as of October 2015; market share as reported by IDC as of Q2 2015. Cost per page (CPP) comparisons for laser supplies are based on published specifications of the manufacturers' highest-capacity cartridges and long life consumables. CPP comparisons for high-capacity HP ink supplies are based on published specifications of the manufacturers' highest-capacity cartridges. CPP based on high-capacity ink cartridges' estimated street price and page yield. ISO yield based on continuous printing in default mode. For more information, see [hp.com/go/learnaboutsupplies](http://hp.com/go/learnaboutsupplies)

<sup>4</sup> Wireless performance depends on physical environment and distance from access point and may be limited during active VPN connections.

<sup>5</sup> Mobile device needs to be connected directly to the Wi-Fi Direct® signal of a Wi-Fi Direct supported AiO or printer prior to printing. Depending on mobile device, an app or driver may also be required. For details, see [hp.com/go/mobileprinting](http://hp.com/go/mobileprinting). Wi-Fi Direct is a registered trademark of Wi-Fi Alliance®.

<sup>6</sup> Based on cartridge yields for HP 906/907/908/909XL ink cartridges compared with HP 902/903/904/905A ink cartridges. For more information, see [hp.com/go/learnaboutsupplies](http://hp.com/go/learnaboutsupplies)

<sup>7</sup> Water, smear, fade, and highlighter resistance based on ISO 11798 and internal HP testing. For details, see [hp.com/go/printpermanence](http://hp.com/go/printpermanence)

<sup>8</sup> Local printing requires mobile device and printer be on the same network or have a direct wireless connection. AirPrint® is supported on any iPhone®, iPad®, or iPod® using iOS v4.2 and higher. Remote printing requires an Internet connection to an HP web-connected printer. For details on how to print, including whether an app is required, see [hp.com/go/mobileprinting](http://hp.com/go/mobileprinting)

<sup>9</sup> Compatible with iPhone® 4 and later, iPad® 4th generation, iPad mini™, iPad Air®, iPod® 5G using iOS 7 or later, and mobile devices using Android™ 4.0.3 or later. Features controlled may vary by mobile device operating system. For mobile scanning, device camera requires 5 megapixels or greater with autofocus capability.

## Technical specifications

<b>AIO functions</b>	Wireless, Print, Fax, Scan and Copy
<b>Print</b>	
Speed <sup>1</sup>	<b>Black:</b> Up to 30 ppm (draft, A4); Up to 20 ppm (ISO, laser-comparable); Duplex (A4): Up to 9 ipm <b>Colour:</b> Up to 26 ppm (draft, A4); Up to 11 ppm (ISO, laser-comparable); Duplex (A4): Up to 6 ipm
First page out (A4, ready) <sup>2</sup>	<b>Black:</b> As fast as 12 sec; <b>Colour:</b> As fast as 15 sec
Resolution	<b>Black (best):</b> Up to 600 x 1200 dpi; <b>Colour (best):</b> Up to 4800 x 1200 optimised dpi (when printing from a computer on selected HP photo papers and 1200 input dpi)
Languages	HP PCL 3 GUI, HP PCL 3 Enhanced
Wireless capability	Yes, built-in WiFi 802.11b/g/n
HP ePrint capability	Yes
HP Auto wireless connect	Yes
Mobile printing capability <sup>3</sup>	HP ePrint, Apple AirPrint™, Wireless direct printing, Mopria™-certified
<b>Scan</b>	
Type	Flatbed, ADF
Technology	Contact Image Sensor (CIS)
Speed	Up to 8 ppm (200 ppi, b&w), up to 3.5 ppm (200 ppi, colour); <b>Duplex speed:</b> Up to 4 ppm (200 ppi, b&w), up to 1.5 ppm (200 ppi, colour)
Resolution	<b>Hardware:</b> Up to 1200 x 1200 dpi; <b>Optical:</b> Up to 1200 dpi; <b>Enhanced:</b> Up to 1200 dpi
Max scanning size	<b>ADF:</b> 216 x 356 mm (One-sided); <b>Flatbed:</b> 212 x 297 mm
Input modes	Front-panel scan, copy, fax, HP Software, EWS
Grayscale levels	256
Bit depth	24-bit
File format	Scan File Type supported by Software: Bitmap (.bmp), JPEG (.jpg), PDF (.pdf), PNG (.png), Rich Text (.rtf), Searchable PDF (.pdf), Text (.txt), TIFF (.tif)
Digital sending standard features	Scan to thumb drive/PC
<b>Copy</b>	
Speed	<b>Black:</b> Up to 30 cpm (draft, A4); Up to 13 cpm (ISO, laser-comparable); <b>Colour:</b> Up to 24 cpm (draft, A4); Up to 7 cpm (ISO, laser-comparable)
Resolution	<b>Black (text and Graphics):</b> Up to 600 x 600 dpi; <b>Colour (text and graphics):</b> Up to 600 x 600 dpi
Max copies	Up to 99 copies
Copier reduce/enlarge	25 to 400%
<b>Fax</b>	
Resolution	<b>Black (standard):</b> 203 x 98 dpi; <b>Colour (standard):</b> 200 x 200 dpi
Transmission speed	4 sec per page
Memory	Up to 100 pages
Fax features	<b>Faxing:</b> Yes, colour; <b>Faxing option:</b> Two-sided; <b>Auto-Redialling:</b> Yes; <b>Fax delayed sending:</b> Yes (black only); <b>Distinctive ring detection supported:</b> Yes; <b>Fax forwarding supported:</b> (32-bit only); <b>Fax polling supported:</b> No; <b>Auto fax reduction supported:</b> Yes; <b>Fax telephone mode supported:</b> Yes; <b>Junk barrier supported:</b> Yes, requires Caller ID; <b>PC interface supported:</b> Yes, PC fax send and archive; <b>Telephone handset supported:</b> No; <b>Fax broadcasting, max locations:</b> 20 locations
<b>Display</b>	6.75 cm (2.65") CGD touchscreen
<b>Media</b>	
Duplex print options	Automatic (standard)
Duty cycle (monthly, A4) <sup>4</sup>	Up to 20,000 pages
Recommended monthly volume	200 to 800 pages
Auto document feeder capacity	Standard, 35 sheets
Supported sizes	A4, A5, A6, B5 (JIS), 6 x 8 in, Executive, Index card 3.5 x 5 in, Index card 4 x 6 in, Index card 5 x 8 in, Index card A4, Index card Letter, 3 x 5 in, 4 x 6 in, 5 x 7 in, 13 x 18 cm, 8 x 10 in, 10 x 15 cm, L, Photo 2L, 8.5 x 13 in, Legal, Letter, Statement, Envelope #10, Envelope C5, Envelope C6, Envelope DL; Envelope Monarch, Card Envelope 4.4 x 6 in
Recommended weights	60 to 105 g/m <sup>2</sup> (plain); 220 to 280 g/m <sup>2</sup> (photo); 75 to 90 g/m <sup>2</sup> (envelope); 163 to 200 g/m <sup>2</sup> (card)
Types	Plain Paper, HP Photo Papers, HP Matte Brochure or Professional Paper, HP Matte Presentation Paper, HP Glossy Brochure or Professional Paper, Other Photo Inkjet Papers, Other Matte Inkjet Papers, Other Glossy Inkjet Papers, Inkjet Hagaki, Plain Paper, Thick, Plain Paper, Light/Recycled
Paper handling	225-sheet input tray, 60-sheet output tray
<b>Memory</b>	1 GB
<b>Operating system compatibility</b>	Microsoft® Windows® 10, 8.1, 8, 7: 32-bit or 64-bit, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft® Internet Explorer, Windows Vista®: (32-bit only), 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft® Internet Explorer 8, Windows® XP SP3 or higher (32-bit only); any Intel® Pentium® II, Celeron® or 233 MHz compatible processor, 850 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft® Internet Explorer 8 OS X v10.9 Mavericks, OS X v10.10 Yosemite, OS X v10.11 El Capitan 1GB Available Space, Internet Access; (For more information, see <a href="http://hplipopensource.com/hplip-web/index.html">hplipopensource.com/hplip-web/index.html</a> )
<b>Minimum system requirements</b>	<b>PC:</b> Microsoft® Windows® 10, 8.1, 8, 7: 32-bit or 64-bit, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft® Internet Explorer, Windows Vista®: (32-bit only), 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft® Internet Explorer 8, Windows® XP SP3 or higher (32-bit only); any Intel® Pentium® II, Celeron® or 233 MHz compatible processor, 850 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft® Internet Explorer 8; OS X v10.9 Mavericks, OS X v10.10 Yosemite, OS X v10.11 El Capitan; 1GB Available Space, Internet Access; Linux (For more information, see <a href="http://hplipopensource.com/hplip-web/index.html">hplipopensource.com/hplip-web/index.html</a> ); <b>Mac:</b> OS X v10.9 Mavericks, OS X v10.10 Yosemite, OS X v10.11 El Capitan, 1GB Available Space, Internet Access
<b>Connectivity</b>	
Connectivity	1 USB 2.0; 1 Host USB; 1 Ethernet; 1 Wireless 802.11b/g/n; 1 RJ-11 fax
Network capabilities	Standard (built-in Ethernet, WiFi 802.11b/g/n)
Supported network protocols	Supported Network Protocols configurations (IPv4, IPv6): ARP; BOOTP; SMTP client; LLNMR; Bonjour; LP/APIPA (AIO IP); NetBIOS/WINS; LPR/LPD; Custom Raw Port/Port9100; DNS Resolver; mDNS; SNMPv1/v3; Web Services Discovery; Web Services Print; DHCP options: 81/RFC4702/RFC4704, 12-Hostname; 44; Syslog; Firewall; SSL/TLS (HTTPS); Password-protected network Embedded Web server; Enable/disable network ports & device features, 802.1x wireless authentication (EAP-TLS, LEAP, and PEAP) & 802.1 Wired
<b>Dimension (W x D x H)<sup>5</sup></b>	463.7 x 390 x 228.67 mm
<b>Weight<sup>5</sup></b>	8.1 kg
<b>Environmental</b>	
Operating environment	<b>Recommended operating temperature range:</b> 15 to 32° C; <b>Recommended operating humidity range:</b> 20 to 80% RH (non-condensing); <b>Storage temperature range:</b> -40 to 60° C
Acoustics	<b>Acoustic power emissions:</b> Normal mode mono 6.4 B(A) colour 6.2 B(A); <b>Acoustic pressure emissions:</b> 61 dB(A) (Draft printing at 17 ppm)
<b>Power specifications</b>	<b>Power supply type:</b> Internal; <b>Power supply required:</b> Input voltage: 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz); <b>Power consumption:</b> <sup>6</sup> 27 watts maximum, 5.5 watts (Active), 0.29 watts (Manual-Off), 1.21 watts (Sleep)
<b>What's in the box</b>	HP OfficeJet Pro 6970 All-in-One Printer; Setup cartridges <sup>7</sup> ; Power cord; Phone cord; Setup poster; USB cable; Ethernet cable (Not available for China, India, Japan markets)
<b>Warranty</b>	One-year limited hardware warranty; 24-hour, 7 days a week support

## To learn more, visit [hp.com](http://hp.com)

© Copyright 2016 HP Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

ENERGY STAR and the ENERGY STAR logo are registered U.S. marks. Microsoft and Windows are registered trademarks of Microsoft Corporation. AirPrint, iPad, iPhone, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries. Linux is a U.S. registered trademark of Linus Torvalds.

4AA6-4776EEP, December 2016, Rev.4

## Ordering information

Number	Description
J7K34A	HP OfficeJet Pro 6970 All-in-One Printer
<b>Replacement cartridges</b>	
Number	Description
T6M01AA	HP 905 Black Original Ink Cartridge (~300 pages)
T6L89AA	HP 905 Cyan Original Ink Cartridge (~315 pages)
T6L93AA	HP 905 Magenta Original Ink Cartridge (~315 pages)
T6L97AA	HP 905 Yellow Original Ink Cartridge (~315 pages)
T6M17AA	HP 905XL High Yield Black Original Ink Cartridge (~825 pages)
T6M05AA	HP 905XL High Yield Cyan Original Ink Cartridge (~825 pages)
T6M09AA	HP 905XL High Yield Magenta Original Ink Cartridge (~825 pages)
T6M13AA	HP 905XL High Yield Yellow Original Ink Cartridge (~825 pages)
T6M21AA	HP 909XL High Yield Black Original Ink Cartridge (~1,500 pages)

For information on reference page output, please log on the [hp.com/go/pageyield](http://hp.com/go/pageyield)

### Recommended Papers<sup>8</sup>

Number	Description
C6818A	HP Professional Inkjet Paper, Glossy, A4, 50 sheets, 180 gsm
Q6593A	HP Professional Inkjet Paper, Matte, A4, 200 sheets, 120 gsm
Q6594A	HP Professional Inkjet Paper, Matte, A3, 100 sheets, 120 gsm

Please visit [hp.com/apac/paper](http://hp.com/apac/paper) for more details.

### Hewlett-Packard offices

Australia	(613) 8833 5000	<a href="http://hp.com.au">hp.com.au</a>
China	(010) 6564 3888	<a href="http://hp.com.cn">hp.com.cn</a>
Hong Kong	(852) 3559 7777	<a href="http://hp.com.hk">hp.com.hk</a>
India	(80) 2612 9000	<a href="http://hp.com.in">hp.com.in</a>
Indonesia	(62-21) 5799 1088	<a href="http://hp.com/id">hp.com/id</a>
Korea	(02) 2199 0114	<a href="http://hp.com.kr">hp.com.kr</a>
Malaysia	(603) 2332 3333	<a href="http://hp.com.my">hp.com.my</a>
New Zealand	(09) 918 9555	<a href="http://hp.com.nz">hp.com.nz</a>
Philippines	(632) 888 5900	<a href="http://hp.com/ph">hp.com/ph</a>
Singapore	(65) 6275 3888	<a href="http://hp.com.sg">hp.com.sg</a>
Taiwan	(02) 8722 9000	<a href="http://hp.com.tw">hp.com.tw</a>
Thailand	(662) 353 9500	<a href="http://hp.com/th">hp.com/th</a>
Vietnam	(848) 3823 4151	<a href="http://hp.com.vn">hp.com.vn</a>

For the following countries, please fax your queries to: (65) 6275 6707  
Bangladesh • Bhutan • Brunei • Cambodia • Maldives • Nepal  
• Pakistan • Sri Lanka

For more information, please visit us at [hp.com/apac/homeandoffice](http://hp.com/apac/homeandoffice)

### HP Order-a-Cartridge

Call HP's Order-a-Cartridge<sup>9</sup> service and have them conveniently delivered to your doorstep.

China	800 820 0851/400 820 0851
India	1800 3003 3003
Korea	080 703 0700

### HP SureSupply<sup>8</sup>

Discover how HP SureSupply redefines convenience in purchasing printer cartridge supplies online.

To order online, please visit [hp.com/apac/oaic](http://hp.com/apac/oaic) for more details.<sup>8</sup>



<sup>1</sup> ISO speeds measured using ISO/IEC 24734. Excludes first page or first set of ISO test pages. For details see [hp.com/go/printerclaims](http://hp.com/go/printerclaims)

<sup>2</sup> Either after first page or after first set of ISO test pages. For details see [hp.com/go/printerclaims](http://hp.com/go/printerclaims)

<sup>3</sup> Wireless performance is dependent upon physical environment and distance from the access point. Wireless operations are compatible with 2.4 GHz routers only; excludes wireless direct. Wireless direct may require driver or apps be installed and connected on wireless-enabled mobile device or PC. Wireless functionality may vary by computer and mobile operating systems, see [hponconnected.com](http://hponconnected.com). HP ePrint requires: account registration, HP ePrint-enabled printer, Internet connection, and a wireless-enabled mobile device or Internet-connected computer with email capability. Separately purchased data plans or usage fees may apply. Print times and connection speeds may vary. AirPrint supports OS X Lion, OS X Mountain Lion and the following devices running iOS 4.2 or later: iPad®, iPhone® (3GS or later), iPod touch® (3rd generation or later) and requires the printer be connected to the same network as your OS X or iOS device. AirPrint, the AirPrint Logo, iPad, iPhone, and iPod touch are trademarks of Apple® Inc. Windows is a trademark of the Microsoft group of companies. BlackBerry® names and logos are the property of Research In Motion Limited. Android is a trademark of Google Inc.

<sup>4</sup> HP recommends that the number of printed pages per month be within the stated range for optimum device performance, based on factors including supplies replacement.

<sup>5</sup> Dimensions and Weight vary as per configuration.  
<sup>6</sup> Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and void the product warranty.

<sup>7</sup> In order to initialize the printer, some ink from the included setup cartridges will be used. Setup cartridges may have different page yield than replacement cartridges. For more information, visit: [hp.com/go/learnaboutsupplies](http://hp.com/go/learnaboutsupplies)

<sup>8</sup> Available in selected countries only.

