

HP Office Jet Pro 9020



Model name	HP OfficeJet Pro 9020 All-in-One Printer
Product number	1MR78A
Minimum system requirements for Windows	Windows 10, 8, 7: 1 GHz 32-bit (x86) or 64-bit (x64) processor, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer
Recommended system requirements for Windows	Windows 10, 8, 7: 1 GHz 32-bit (x86) or 64-bit (x64) processor, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer
Minimum System Requirements for Macintosh	OS X v10.11 El Capitan; macOS Sierra v10.12 (previously OS X); macOS High Sierra v10.13 macOS Mojave v10.14; 1.5 GB HD; Internet; USB
Recommended Macintosh system requirements	OS X v10.11 El Capitan; macOS Sierra v10.12 (previously OS X); macOS High Sierra v10.13 macOS Mojave v10.14; 1.5 GB HD; Internet; USB
Compatible Network Operating Systems	Windows 10, 8, 7: 32-bit or 64-bit, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer. 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer 8. 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, Internet Explorer 8; Linux (For more information, see http://hplipopensource.com/hplip-web/index.html)
Operating system (supported note)	Windows XP and Windows Vista not supported
What's in the box	HP OfficeJet Pro 9020 All-in-One Printer; HP 962 Setup Black Ink Cartridge; HP 962 Setup Cyan Ink Cartridge; HP 962 Setup Magenta Ink Cartridge; HP Setup 962 Yellow Original Ink Cartridge; No CD Flyer; Ink Caution Flyer; Power Cord; Setup Poster; Reference Guide; HP Extra Warranty Flyer

Ports

1 USB 2.0; 1 Host USB (print from JPEG, TIFF, DPOF 1.1, Exif 2.3, PNG); 1 Ethernet; 1 Wireless 802.11b/g/n; 2 RJ-11 modem ports

Wireless capability

Yes

Copier settings

Copies; Two-Sided; Lighter/Darker; HP Copy Fix; ID Copy; Resize; Quality; Paper Size; Paper Type; Collate; Margin Shift; Crop; Copy Preview; Tray Select; Enhancements

Color copy capability

Yes

Maximum number of copies

Up to 99 copies

Copy reduce / enlarge settings

25 to 400%

Copy speed, black (draft, A4)

Up to 23 cpm

Copy speed, black (draft, Letter)

Up to 39 cpm

Copy resolution

Up to 600 dpi

Acoustic power emissions (active, printing)

7.0 B(A) (printing at 21 ppm)

Acoustic pressure emissions

53.5 dBA (printing at 20ppm) (operator position)

Recommended operating humidity range

25 to 75% RH

Recommended operating temperature range (Celsius)

15 to 32°C

Recommended operating temperature range (Fahrenheit)

59 to 90°F

Storage temperature range (Celsius)

-40 to 60°C

Storage temperature range (Fahrenheit)

-40 to 140°F

Fax available

Yes, color

Fax features	Fax volume off/soft/loud; Busy redial; No answer redial; Color fax; Group dial; CID; Junk fax blocker; Fax forward
Fax Resolution Black (best)	Up to 300 x 300 dpi
Fax memory	Up to 100 pages
Telephone handset supported	No
Fax telephone mode supported	No
Modem	Synaptics Troy modem; data rate up to 33.6 kbps
Fax Speed Dials, Maximum Number	Up to 99
Fax transmission speed (letter)	4 sec per page
Fax transmission speed note	Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory.
Memory	512 MB
Maximum Memory	512 MB
Mobile printing services	Apple AirPrint; Wi-Fi Direct Printing; Mopria Certified; HP Smart
Mobile printing compatibility note	Wireless operations are compatible with 2.4/5 GHz operations only. App or software and HP ID account registration may also be required. Some features require purchase of an optional accessory. Learn more at http://hp.com/go/mobileprinting .
Network protocols, supported	9100, LPR, SNMP, SLP, Internet Printing Protocol (IPP), WS-Print, Wireless
Input capacity	Up to 250 sheets
Standard input capacity (cards)	Up to 50 sheets
Standard input capacity (envelopes)	Up to 30

Standard input capacity (secondary tray)	Up to 250 sheets
Output capacity	Up to 100 sheets
Media sizes supported (metric)	A4; A5; A6; B5 (JIS); Envelope (DL, C5, C6, Chou #3, Chou #4); Card (Hagaki, Ofuku Hagaki)
Media sizes supported (U.S. standard)	Letter; Legal; Government Legal; Executive; Statement; 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; Envelope(#10, Monarch, 5.5 bar); Card (3 x 5 in, 4 x 6 in, 5 x 8 in)
Media sizes, custom (metric)	Tray 1: 76.2 x 127 to 215.9 x 355.6 mm
Media sizes, custom (U.S. standard)	Tray 1: 3 x 5 to 8.5 x 14; 5 x 8.3 to 8.5 x 14 in
Media 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, Thick Plain Paper, Light/Recycled Plain Paper, HP Tri-fold Brochure Paper, Glossy
Media weight supported (metric)	60 to 105 g/m ² (plain); 220 to 280 g/m ² (photo); 75 to 90 g/m ² (envelope); 163 to 200 g/m ² (card)
Media weight supported (U.S. standard)	16 to 28 lb (plain paper); 60 to 75 lb (photo); 20 to 24 lb (envelope); 90 to 110 lb (card)
Borderless printing	Yes, on photo and brochure paper only, up to 8.5 x 11 in (US letter), 210 x 297 mm (A4)
Automatic document feeder capacity	Standard, 35 sheets
Media sizes, duplex (U.S. standard)	Letter; executive; Not supported for borderless photo
Maximum dimensions (W x D x H, metric)	437 x 519.8 x 318.3 mm
Maximum dimensions (W x D x H, U.S. standard)	17.20 x 21.54 x 12.53 in
Weight (metric)	12.02 kg
Weight (U.S. standard)	26.44 lb

Energy savings feature technology

Schedule On and Schedule Off

Power supply type

Internal (Built-in) Universal Power Supply

Power supply

Input voltage: 100 to 240 VAC (+/- 10%), 50/60 Hz

Power consumption

0.13 watts (Manual-Off), 5.80 watts (Ready), 1.22 watts (Sleep)

Number of print cartridges

4 (1 each black, cyan, magenta, yellow)

Replacement cartridges

HP 962 Black Original Ink Cartridge (~1,000 pages) 3HZ99A; HP 962 Cyan Original Ink Cartridge (~700 pages) 3HZ96A; HP 962 Magenta Original Ink Cartridge (~700 pages) 3HZ97A; HP 962 Yellow Original Ink Cartridge (~700 pages) 3HZ98A; HP 962XL Black Original Ink Cartridge (2,000 pages) 3JA03A; HP 962XL Cyan Original Ink Cartridge (1,600 pages) 3JA00A; HP 962XL Magenta Original Ink Cartridge (1,600 pages) 3JA01A; HP 962XL Yellow Original Ink Cartridge (1,600 pages) 3JA02A; HP 966XL Black Original Ink Cartridge (3,000 pages) 3JA04A. Actual yield varies considerably based on content of printed pages and other factors. For details see <http://www.hp.com/go/learnaboutsupplies>

Print technology

HP Thermal Inkjet

Duplex printing

Automatic (standard)

Print speed (black, draft, Letter)

Up to 39 ppm

Print speed (color, draft, Letter)

Up to 39 ppm

Print speed black (ISO)

Up to 24 ppm

Print speed color (ISO)

Up to 20 ppm

Print resolution (best)

Up to 4800 x 1200 optimized dpi on HP Advance Photo Paper 1200 x 1200 dpi input

Maximum print area (metric)

216 x 356 mm (Legal)

Monthly duty cycle

Up to 30,000 pages

Print languages

HP PCL3 GUI

Printer smart software features

Orientation: Portrait/Landscape; Print on Both Sides: None/Flip on Long Edge/Flip on Short Edge; Page Order: Front to Back/Back to Front; Pages per Sheet: 1, 2, 4, 6, 9, 16; Quality Settings: Draft/Normal/Best; Printing Shortcuts; Print in Grayscale: Off/High Quality Grayscale/Black Ink Only; Pages per Sheet Layout: Right then Down/Down then Right/Left then Down/Down then Left; Print in Max DPI: No/Yes; HP Real Life Technologies: Off/On; Booklet: None/Booklet-Left Binding/Booklet-Right Binding; Pages to Print: Print All Pages/Print Odd Pages Only/Print Even Pages Only; Borderless Printing: Off/On; Page Borders: Off/On

Regulatory model number

SNPRC-1803-01

Energy efficiency

ENERGY STAR qualified

Safety

UL 62368-1: 2nd Edition

Electromagnetic compatibility

CISPR 32:2012/EN 55032:2012 Class B; CISPR 24:2010/EN 55024:2010; EN 61000-3-2:2014; EN 61000-3-3:2013; FCC CFR 47 Part 15 Class B (USA); ICES - 003, Issue 6 Class B (Canada); EN 301 489-1 (V2.1.1:2017), EN 301 489-17 (V3.1.1 2017)

Telecom compliance (fax capability)

USA: TIA-968-B-3, TIA-1096-A; Canada: IC CS-03 Part 1 Issue 9 Am5, Mar 2016 and IC CS-03, Part 8 Issue 9 Am5, Mar 2016; EU: ES 203 021-2, ES 203 021-3; EU: Radio Equipment Directive 2014/53/EU; Mexico (SCT); Brazil (ANATEL); Argentina (CNC); South Africa (ICASA)

Scanner advanced features

OCR (Optical Character Recognition); Smart Taks shortcuts: 1-click customizable scan to cloud destinations, email, and print, create editable, searchable documents by scanning from phone or printer; Smart Tasks destinations: Dropbox, Google Drive, One drive, email recipients, print

Scan technology

Contact Image Sensor (CIS)

Scan speed (normal)

Up to 15 ipm (200 ppi, b&w); Up to 8 ipm (200 ppi, color)

Scan resolution, hardware

Up to 1200 x 1200 dpi

Levels of grayscale

256

Bit depth

24-bit

Duplex ADF scanning

Yes

Maximum flatbed scan size (metric)

215.9 x 297 mm

Maximum flatbed scan size (U.S. standard)

8.5 x 11.7 in

**Minimum ADF scan size
(metric)**

127 x 127 mm

**Minimum ADF scan size (U.S.
standard)**

5 x 5 in

**Maximum ADF scan size
(metric)**

215 x 355 mm

**Maximum ADF scan size (U.S.
standard)**

8.5 x 14 in

Twain version

Version 2.2

Security management

SSL/TLS (HTTPS); IPP over TLS; WPA2-Enterprise wired; 802.1x wireless authentication (EAP-TLS, LEAP, and PEAP); Pre-Shared Key Authentication for Wireless (PSK); Firewall; Certificates Configuration, Control panel lock; Password protect EWS; Unused protocol and service disablement; Syslog; Signed firmware; Administrator settings; Secure boot with self healing; Automatic firmware update; Secure WiFi direct; Encrypted customer data; Secure Erase; Secure Digital send; Certificates Management;

Warranty

One-year limited hardware warranty; For more info please visit us at: HP Customer Support