



HP LaserJet Pro 4001n Printer (2Z599F)



Overview

Get blazing fast printing speeds and easy management tools with LaserJet Pro.

This printer is built for maximum productivity with fast speeds and reliable hardware, delivering effortless everyday use from wherever work happens so you can focus more on your business.

Maximum productivity.

Support your dynamic workteam with this high-speed smart printer, ideal for up to 10 users.

Seamless management.

Centralize print management for your enterprise. HP Web Jetadmin makes it easy with its suite of features. [4]

HP Wolf Pro Security.

Get printer security out of the box. Preconfigured settings mean it's ready when you are.

Hassle-free supplies management with Instant Ink

Enroll to save on Original HP Toner with Instant Ink. Get toner, delivery and recycling. [7,10,11]

Features

Large workteam solution HP Pro-class print speed ^[1]

HP Smart HP Web Jetadmin^[2]

Simple setup

[1] Measured using ISO/IEC 24734 and excludes first set of test documents. For more information, see hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.

[2] Requires the HP Smart app download. For details on local printing requirements see www.hp.com/go/mobileprinting. Certain features/software are available in English language only, and differ between desktop and mobile applications. Subscription may be required; subscription may not be available in all countries. See details at www.hpsmart.com. Internet access required and must be purchased separately. HP account required for full functionality. List of supported operating systems available in app stores. Fax capabilities are for sending a fax only. After 2 years, monthly fee applies to continue advanced features with HP Smart Advance. HP Smart Advance is not available in all countries. For more information, see www.hpsmart.com.

[4] HP Web Jetadmin is available for download at no additional charge at hp.com/go/webjetadmin.

[7] Recycling: Program availability varies. Original HP cartridge return and recycling is currently available in more than 60 countries, territories and regions in Asia, Africa, Europe, and North and South America through the HP Planet Partners program. For details, see hp.com/recycle.

[10] Save up to 50% on toner (mono) – Based on monthly subscription cost of HP Instant Ink monochrome toner service 1,500-page plan without purchase of additional sets of pages compared to cost per page to print ISO/IEC 24711 pages on most in-class, traditional A4 monochrome toner cartridge printers <\$493 USD and <€494 and MFPs priced <\$649 USD and <€672 using original standard-capacity integrated cartridges (toner and drum in one cartridge). Average CPP per country used to determine percent savings claim versus CPP for HP Instant Ink. Sale prices not considered for this study. Keypoint Intelligence September 2021 study commissioned by HP, based on publicly available information as of August 18, 2021. Printers selected by market share in IDC Quarterly Hardcopy Peripherals Tracker – Final Historical 2021Q2. For details: www.keypointintelligence.com/HPInstantInk

[11] Automatic delivery and consolidated bill: Printers require direct connection to the Internet for program participation. Internet access sold separately.

Specifications

Print Resolution Technologies	HP FastRes1200, HP ProRes1200, Economode
Print quality black (best)	Fine Lines (1200 x 1200 dpi)
Print speed black (ISO, A4)	Up to 40 ppm
Print speed black (ISO, letter)	Up to 42 ppm
Print speed	Prints up to 42/40 ppm (LTR/A4)
Functions	Print
Duty cycle (monthly, A4)	Up to 80,000 pages
Duty cycle (monthly, letter)	Up to 80,000 pages
Printer smart software features	Manual duplex and booklet printing, N-up printing, collation, watermarks, install printer driver only, Economode for toner savings, accepts a variety of paper sizes and types ^[3]
Energy savings feature technology	HP Auto-On/Auto-Off Technology; Instant-on Technology; EcoSmart black toner; Power save
Replacement cartridges	HP 148A Black Original LaserJet Toner Cartridge (~2,900 pages), W1480A; HP 148X Black Original LaserJet Toner Cartridge (~9,500 pages), W1480X ^[6]
Supplies feature	HP JetIntelligence Cartridge
Connectivity, standard	1 Hi-Speed USB 2.0; 1 host USB at rear side; Gigabit Ethernet 10/100/1000BASE-T network; 802.3az(EEE)
Mobile printing capability	HP Smart App; Apple AirPrint™; Mopria™ Certified
Network protocols, supported	TCP/IP, IPv4, IPv6; Print: TCP-IP port 9100 Direct Mode, LPD (raw queue support only), Apple AirPrint™, Mopria, IPP Print; Discovery: SLP, Bonjour, Web Services Discovery; IP Config: IPv4 (BootP, DHCP, AutoIP, Manual), IPv6 (Stateless Link-Local and via Router, Statefull via DHCPv6), SSL Security and Certificate management; Management: SNMPv1, SNMPv2, SNMPv3, HTTP/HTTPS, Syslog, FTP FW Download
Software included	No software solutions are included in the Box only on http://hp.com ; http://123.hp.com
Compatible Operating Systems	Windows 11; Windows 10; Windows 7; Android; iOS; Mobile OS; macOS 10.15 Catalina; macOS 11 Big Sur; macOS 12 Monterey; Chrome OS
Technical features	AirPrint; Compact size; ENERGY STAR®; Ethernet; Fast First Page Out; HP Auto-On/Auto-Off; JetIntelligence Toners; Professional print quality; Private Print via PIN
Sustainable impact specifications	Recyclable through HP Planet Partners; Compatible with Accessibility Accessories; Contains post-consumer recycled plastic
Energy star certified	No
Ecolabels	IT ECO Declaration
Blue Angel compliant	No, please refer to the ECI (Ecolabel Comparison Information) document
Display area (imperial)	1.79 x 0.53 in
Display area (metric)	4.55 x 1.35 cm

Display	2-line back lit LCD graphic display
Minimum dimensions (W x D x H)	381 x 357 x 216 mm <i>(Without trays and covers not extended)</i>
Minimum dimensions (W x D x H)	15 x 14.06 x 8.5 in <i>(Without trays and covers not extended)</i>
Weight	8.22 kg
Weight	18.12 lb
Power consumption	495 watts (active printing), 5.5 watts (ready), 0.5 watts (sleep), 0.5 (Auto Off/Wake on LAN, enabled at shipment), 0.05 watts (Auto-off/Manual-on), 0.05 (Manual Off) <i>(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.)</i>
Power supply type	Internal (built-in) Power Supply
What's in the box	Preinstalled HP Black Original LaserJet Toner Cartridge; Getting Started Guide; Support Flyer; Warranty Guide; Regulatory Flyer; Power cord; USB cable (AP & Wireless Only) ^[2]
Manufacturer Warranty	One-year Bench/Depot Repair warranty. Warranty and support options vary by product, country and local legal requirements. Contact your Contractual Vendor or go to hp.com/support to learn about HP award winning service and support options in your region. (wty code 4E; wty ID A033)

Additional specifications

Accessories	HP LaserJet 550-sheet Feeder Tray D9P29A
Acoustic power emissions (active, printing)	6.6 B(A)
Acoustic power emissions (ready)	Inaudible
Acoustic power note	Configuration tested: base model, simplex printing, A4 paper at an average of 40 ipm
Acoustic pressure emissions bystander (active, printing)	54 dB(A)
Acoustic pressure emissions bystander (ready)	Inaudible
Automatic paper sensor	No
Blue Angel footnote	[5] 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. Energy Star value typically based on measurement of 115V device and 230V for Blue Angel.
Bottom margin (A4)	5 mm
Cable included	Yes, 1 USB PC to Printer (All AP & All Wireless); No, please purchase USB cable separately (EMEA-Network, NA-Network)
Cartons per layer	9
Compatible Network Operating Systems	Windows Server; Linux; Citrix; UNIX; Novell
Count of layers in pallet	AMS: 5, EMEA/APJ: 4
Country of origin	Made in Philippines

Downloadable software

From <http://123.hp.com>- HP Easy Start (Guided Software Install for Windows and Mac); From <http://hp.com> for Windows OS-Full-solution software and drivers; Basic-solution software and drivers; HP PCL6 XPS Discrete Print Driver; Product Documentation and Support; From <http://hp.com> for Mac OS-HP Mac OS Print Driver; HP Easy Admin; For Mobile OS-,iOS For more information see <http://hp.com/go/businessmobileprinting>; Android For more information see <http://hp.com/go/businessmobileprinting>; From <http://hp.com> for printer administrators- Printer Administrator Resource Kit (Driver Configuration, Utility - Driver Deployment Utility - Managed Printing Administrator); HP Universal Print Drivers PCL6 GDI & PS GDI for Windows; For more information on the supported operating systems go to <http://support.hp.com>; SAP Print Drivers for more information see <http://support.hp.com/us-en/document/c05051702>; HP Web JetAdmin;HP JetAdvantage Security Manager; HP Roam HPLIP Linux; Printer Driver for more information see <http://hplipopensource.com/hplip-web/index.html>; Unix Model Script Printer Driver for more information see <http://hp.com/go/unixmodelscripts>; For more information on the supported operating systems go to <http://support.hp.com>; Enter your product name and search; Click on User; Guides and enter your product name and search for User Guide; Search for your (Product Name) - User Guide; Search for the Supported Operating Systems section; Supported Operating systems; For more information on the supported operating systems also see www.hp.com/go/upd; HP Smart Suite- Basic (Only supported on Windows 10 and above); HP Smart Suite- Advanced (Only supported on Windows 10 and above); HP SmartApp (Only supported on Windows 10 and above); HP SmartDriver; HP PrintScanDr; HP WebJetAdmin + Workpath; HP Command Center; Chrome Extension; Android Plug-in

Driver updates

Latest supported operating systems and Print drivers available at [HTTP://www.hp.com/support/](http://www.hp.com/support/)

Duty cycle note

Duty cycle is defined as the maximum number of pages per month of imaged output. This value provides a comparison of product robustness in relation to other HP LaserJet or HP Color LaserJet devices, and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or groups.

Dynamic security

Dynamic security enabled printer

Ecolabels footnote

[1] EPEAT® registered where applicable. EPEAT registration varies by country. See <http://www.epeat.net> for registration status by country.

Electromagnetic compatibility

CISPR 32:2012 Class B / EN 55032:2012 Class B; CISPR 35:2016 / EN 55035:2017 Class B; EN IEC 61000-3-2:2019; EN 61000-3-3:2013+A1:2019 EN 61000-4-12:2016; FCC CFR 47 Part 15 Class B; ICES-003, Issue 7 Class B

Envelope Feeder

No

Finished output handling

Sheetfed

First page out black (A4, ready)

As fast as 6.3 sec

First page out black (A4, sleep)

As fast as 8.8 sec

First page out black (letter, ready)

As fast as 6.1 sec

First page out black (letter, sleep)

As fast as 8.6 sec

First page out footnote	[9] Measured using ISO/IEC 17629. For more information see http://www.hp.com/go/printerclaims . Exact speed varies depending on the system configuration, software application, driver, and document complexity.
Fonts and typefaces	84 scalable TrueType fonts
Input capacity	Up to 350 sheets (Tray 1: up to 100 sheets; Tray 2: up to 250 sheets)
Internal Storage	None
Left margin (A4)	4 mm
Mac compatible	Yes
Maximum Memory	256 MB
Maximum dimensions (W x D x H)	381 x 634 x 241 mm
Maximum dimensions (W x D x H)	15 x 25 x 9.5 in
Maximum input capacity (sheets)	Up to 900 sheets
Maximum output capacity (sheets)	Up to 150 sheets
Maximum print area	207.4 x 347.1mm
Media size, tray 1	A4, A5, A6, B5 (JIS), B6 (JIS), 16K (195 x 270 mm, 184 x 260 mm, 197 x 273 mm), 10 x 15 cm, Oficio (216 x 340 mm), postcards (JIS single, JIS double), envelopes (DL, C5, B5)
Media size, tray 2	A4, A5, A6, B5 (JIS), B6 (JIS), 16K (195 x 270 mm, 184 x 260 mm, 197 x 273 mm), 10 x 15 cm, Oficio (216 x 340 mm), postcards (JIS single, JIS double), envelopes (DL, C5, B5)
Media size, tray 3	A4; A5; A6; B5 (JIS); B6 (JIS); 16K (195 x 270 mm, 184 x 260 mm, 197 x 273 mm); 10 x 15 cm; Oficio (216 x 340 mm); postcards (JIS single, JIS double)
Media sizes supported, key	4 x 6 in; Letter; Legal; Envelopes
Media sizes supported, key	10 x 15 cm; A4; Envelopes
Media sizes, custom	Tray 1: 3 x 5 to 8.5 x 14 in; Tray 2, optional Tray 3: 4.12 x 5.83 to 8.5 x 14 in
Media sizes, custom	Tray 1: 76 x 127 to 216 x 356 mm; Tray 2, optional Tray 3: 104.9 x 148.5 to 2165.9 x 356.6 mm
Media type and capacity, tray 1	Sheets: 100; envelopes: 10
Media type and capacity, tray 2	Sheets: 250
Media type and capacity, tray 3	Sheets: 550
Media types	Paper (plain, EcoFFICIENT, light, heavy, bond, colored, letterhead, preprinted, prepunched, recycled, rough); envelopes; labels
Media weight (tray 1)	60 to 200 g/m ²
Media weight (tray 2)	60 to 120 g/m ²
Media weight (tray 3)	60 to 120 g/m ² (optional 550-sheet tray)
Media weight, supported	Tray 1: 60 to 200 g/m ² ; Tray 2, Optional 550-sheet Tray 3: 60 to 120 g/m ²
Media weight, supported	Tray 1: 16 to 46.6 lb; Tray 2 and Optional 550-sheet Tray 3: 16 to 32 lb
Memory	256 MB

Minimum System Requirements	2 GB available hard disk space; Internet connection or USB port Internet browser. For additional OS hardware requirements see microsoft.com
Minimum System Requirements for Macintosh	2 GB available hard drive space; Internet connection or USB port Internet browser. For additional OS hardware requirements see apple.com
Number of print cartridges	1 (black)
Number of users	3-10 Users
Operating humidity range	10 to 80% RH
Operating temperature range	50 to 91°F
Operating temperature range	10 to 32.5°C
Output capacity	Up to 150 sheets
Package dimensions (W x D x H)	443 x 274 x 464 mm
Package dimensions (W x D x H)	17.4 x 10.8 x 18.3 in
Package weight	10.2 kg
Package weight	22.5 lb
Page yield (set-up/inbox cartridges)	~1400 pages black
Pallet dimensions	AMS: 47.2 x 39.4 97.3 in, EMEA/APJ: 47.2 x 39.4 x 79.0 in
Pallet dimensions (W x D x H)	AMS: 1200 x 1000 x 2471 mm, EMEA/APJ: 1200 x 1000 x 2007 mm
Pallet weight	AMS: 1058 lb, EMEA/APJ: 855 lb
Pallet weight	AMS: 480 kg, EMEA/APJ: 388 kg
Paper handling input, optional	Optional third 550-sheet tray
Paper handling input, standard	100-sheet multipurpose Tray 1, 250-sheet input Tray 2
Paper handling output, standard	150-sheet output bin
Paper trays, maximum	3
Paper trays, standard	2
Power	110-volt input voltage: 110 to 127 VAC (+/- 10%), 50/60 Hz (+/- 2 Hz); 220-volt input voltage: 220 to 240 VAC (+/- 10%), 50/60 Hz (+/- 2 Hz) (Not dual voltage, product varies by part number with # Option code identifier)
Print Technology	Laser
Print colors	No
Print languages	HP PCL 6, HP PCL 5e, HP postscript level 3 emulation, PDF, URF, PWG Raster
Print quality black (normal)	Normal (Native: 600 x 600 dpi, enhanced up to 4800 x 600 dpi)
Print resolution black (fine lines)	Fine Lines (1200 x 1200 dpi)
Print speed black (Landscape, A5)	Up to 63 ppm
Print speed black (Portrait, A5)	Up to 14 ppm
Print speed duplex (A4)	Up to 34 ipm
Print speed duplex (letter)	Up to 36 ipm

Print speed footnote (A5)

[8] Measured using ISO/IEC 24734 Feature Performance Test, excludes first set of test documents. For more information see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, software application, driver, and document complexity.

Print speed footnote number (A5)

[8]

Print technology

Laser

Printer Management

HP Printer Assistant; HP Web JetAdmin Software; HP JetAdvantage Security Manager; HP SNMP Proxy Agent (Part of HP WebJetAdmin); HP WS Pro Proxy Agent (Part of HP WebJetAdmin); Printer Administrator Resource Kit for HP Universal Print Driver (Driver Configuration Utility - Driver; Deployment Utility - Managed Printing Administrator)

Printer smart software features footnote

[3] Job Storage feature requires a purchase of separate USB flash drive with a minimum of 16 GB capacity

Processor speed

1200 MHz

Product long name specifications

HP LaserJet Pro 4001n Printer - Print: up to 42 ppm black; up to 80,000 pages; 750-4,000 recommended monthly page volume; Hi-Speed USB 2.0

Product short name specifications

HP LaserJet Pro 4001n Printer, Print, Compact Size; Energy Efficient; Strong Security; Fast first page out speeds

Quantity per pallet

AMS: 45, EMEA/APJ: 36

RMN number

SHNGC-1800-00

Recommended monthly page volume

750 to 4,000

Recommended monthly page volume note

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 intervals and device life over an extended warranty period.

Recommended operating humidity range

30 to 70% RH

Recommended operating temperature range

15 to 27°C

Recommended operating temperature range

59 to 80.6°F

Replacement cartridges footnote

[6] Declared yields based on ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see <http://www.hp.com/go/toneryield>

Right margin (A4)

4 mm

Safety

IEC 60950-1:2005 +A1:2009 +A2:2013; IEC 62368-1:2014 / EN 62368-1:2014; IEC 60825-1:2014 / EN 60825-1:2014; IEC 62479:2010 / EN 62479:2010

Standard input capacity (envelopes)

Up to 10

Standard media sizes (duplex)

A4; 16K (195 x 270 mm, 184 x 260 mm, 197 x 273 mm); B5; Oficio

Standard media sizes (duplex, imperial)

Letter; Legal; Executive; Oficio (8.5 x 13 in)

Standard output capacity (envelopes)	Up to 10 envelopes
Storage	Optional Job storage via external rear host USB port (Minimum 16 GB)
Storage device and direct print support	Optional job storage via external rear host USB port (Minimum 16GB); USB printing
Storage temperature range	-20 to 40°C
Storage temperature range	-4 to 104°F
Target user and print volume	For teams up to 10 users; Prints up to 4,000 pages/month
Tariff numbers	(AM) 8443321010; (EU) 8443321000; (AP) 84433231
Top key features	Compact Size; Energy Efficient; Strong Security; Fast first page out speeds
Top margin (A4)	5 mm
Typical electricity consumption (TEC) footnote	[4] Typical Electricity Consumption (TEC) rating represents the typical electricity consumed by a product during 1 week, measured in kilowatt-hours (kWh).
Typical electricity consumption (TEC) number	0.36 kWh/Week (Blue Angel); 0.36 kWh/Week (Energy Star 3.0) ^[4]
UNSPSC code	43212105
UPC number	(BGJ) 195161269424; (BGM) 195161269417
Warm-up time	As fast as 45 sec
Waste electrical and electronic weight	8.22 kg
Web address for additional information	hp.com/support/lj4001-4004
What is in the box footnote	[2] For yield information on the cartridge included with your printer, see http://www.hp.com/go/toneryield . Yield values measured in accordance with ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors.

[2] For yield information on the cartridge included with your printer, see <http://www.hp.com/go/toneryield>. Yield values measured in accordance with ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors.

[3] Job Storage feature requires a purchase of separate USB flash drive with a minimum of 16 GB capacity

[4] Typical Electricity Consumption (TEC) rating represents the typical electricity consumed by a product during 1 week, measured in kilowatt-hours (kWh).

[6] Declared yields based on ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see <http://www.hp.com/go/toneryield>

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