



# HP LaserJet Pro 4001dn Printer (2Z600FR)



## Overview

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

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

### Maximum productivity

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

### HP Wolf Pro Security.

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

### Seamless management.

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

### Sustainable printing

Save up to 20% energy. EcoSmart toner with JetIntelligence balances premium quality with sustainability. [5]

## Features

Large workteam solution

HP Pro-class print speed <sup>[1]</sup>

HP Smart<sup>[2]</sup>

HP Web Jetadmin

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

*[2] Requires HP app download available at [www.hp.com/go/mobileprinting](http://www.hp.com/go/mobileprinting). Certain features are available in English language only, and may vary by printer model/country, and between desktop/mobile applications. HP reserves the right to introduce charges for use of functionality facilitated by the HP app. Internet access required and may not be available in all countries. HP account required for full functionality. Fax capabilities are for sending a fax only. List of supported operating systems available in app stores. See details at [www.hpsmart.com](http://www.hpsmart.com).*

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

*[5] HP calculations based on ENERGY STAR® normalized TEC data comparing HP LaserJet 200-500 series printers at launch. See [hp.com/ecosmart](http://hp.com/ecosmart)*

## Specifications

<b>Print Resolution Technologies</b>	HP FastRes1200, HP ProRes1200, Economode
<b>Print quality black (best)</b>	Fine Lines (1200 x 1200 dpi)
<b>Print speed black (ISO, A4)</b>	Up to 40 ppm
<b>Print speed black (ISO, letter)</b>	Up to 42 ppm
<b>Print speed</b>	Prints up to 42/40 ppm (LTR/A4)
<b>Bottom margin (A4)</b>	5 mm
<b>Left margin (A4)</b>	4 mm
<b>Right margin (A4)</b>	4 mm
<b>Top margin (A4)</b>	5 mm
<b>Functions</b>	Print
<b>Duty cycle (monthly, A4)</b>	Up to 80,000 pages
<b>Duty cycle (monthly, letter)</b>	Up to 80,000 pages
<b>Printer smart software features</b>	Auto 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 <sup>[3]</sup>
<b>Energy savings feature technology</b>	HP Auto-On/Auto-Off Technology; Instant-on Technology; EcoSmart black toner; Power save
<b>Replacement cartridges</b>	HP 148A Black Original LaserJet Toner Cartridge (~2,900 pages), W1480A; HP 148X Black Original LaserJet Toner Cartridge (~9,500 pages), W1480X; HP W1020XC High Yield Black Contract Original LaserJet Toner Cartridge (~10,000) pages, W1020XC <sup>[6]</sup>
<b>Supplies feature</b>	HP JetIntelligence Cartridge
<b>Connectivity, standard</b>	1 Gigabit Ethernet 10/100/1000 Base-T network; 1 Hi-Speed USB 2.0 (host); 1 Wi-Fi 802.3az
<b>Network capabilities</b>	Yes, via built-in 10/100Base-TX Ethernet, Gigabit; Auto-crossover Ethernet; Authentication via 802.1X (does not apply to D bundles)
<b>Mobile printing capability</b>	HP Smart App; Apple AirPrint™; Mopria™ Certified
<b>Network protocols, supported</b>	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
<b>Software included</b>	No software solutions are included in the Box only on <a href="http://hp.com">http://hp.com</a> ; <a href="http://123.hp.com">http://123.hp.com</a>
<b>Compatible Operating Systems</b>	Windows 11; Windows 10; Android; iOS; Mobile OS; macOS 10.15 Catalina; macOS 11 Big Sur; macOS 12 Monterey; macOS 13 Ventura; Chrome OS
<b>Technical features</b>	Automatic 2-sided printing; Compact size; ENERGY STAR®; Fast first page out; HP Auto-on/Auto-off; JetIntelligence Toner; Private Print via PIN; Professional print quality

<b>Sustainable impact specifications</b>	Recyclable through HP Planet Partners; Compatible with Accessibility Accessories; Contains post-consumer recycled plastic
<b>Energy star certified</b>	Yes
<b>Ecolabels</b>	IT ECO Declaration; EPEAT® Silver registered
<b>Blue Angel compliant</b>	No, please refer to the ECI (Ecolabel Comparison Information) document
<b>Display area (imperial)</b>	1.79 x 0.53 in
<b>Display area (metric)</b>	4.55 x 1.35 cm
<b>Display</b>	2-line back lit LCD graphic display
<b>Dimensions (W x D x H)</b>	381 x 357 x 216 mm <i>(Without trays and covers not extended)</i>
<b>Dimensions (W x D x H)</b>	15 x 14.06 x 8.5 in <i>(Without trays and covers not extended)</i>
<b>Weight</b>	8.56 kg
<b>Weight</b>	18.87 lb
<b>Power consumption</b>	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>
<b>Power supply type</b>	Internal (built-in) Power Supply
<b>What's in the box</b>	Preinstalled HP Black Original LaserJet Toner Cartridge; Getting Started Guide; Support Flyer; Warranty Guide; Regulatory Flyer; Power cord; USB cable (AP & Wireless Only) <sup>[2]</sup>
<b>Manufacturer Warranty</b>	One-year, onsite repair. Warranty and support options vary by product, country and local legal requirements. Contact your Contractual Vendor or go to <a href="http://hp.com/support">hp.com/support</a> to learn about HP award winning service and support options in your region.

## Additional specifications

<b>Accessories</b>	HP LaserJet 550-sheet Feeder Tray D9P29A
<b>Acoustic power emissions (active, printing)</b>	6.6 B(A)
<b>Acoustic power emissions (ready)</b>	Inaudible
<b>Acoustic power note</b>	Configuration tested: base model, simplex printing, A4 paper at an average of 40 ipm
<b>Acoustic pressure emissions bystander (active, printing)</b>	54 dB(A)
<b>Acoustic pressure emissions bystander (ready)</b>	Inaudible
<b>Automatic paper sensor</b>	No
<b>Blue Angel footnote</b>	[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.
<b>Cable included</b>	Yes, 1 USB PC to Printer (All AP & All Wireless); No, please purchase USB cable separately (EMEA-Network, NA-Network )
<b>Cartons per layer</b>	9
<b>Color or black</b>	Black and white
<b>Compatible Network Operating Systems</b>	Windows Server; macOS 15 Sequoia; Linux; Citrix; UNIX; Novell
<b>Control panel</b>	2-line LCD; OK button; Left button; Right button; Cancel button; Back button; Ready LED; Error LED; Wi-Fi LED (only for wireless bundle)
<b>Count of layers in pallet</b>	AMS: 5, EMEA/APJ: 4
<b>Country of origin</b>	Made in Philippines; Made in Vietnam

## 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; 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](http://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.

<b>Fonts and typefaces</b>	84 scalable TrueType fonts
<b>Input capacity</b>	Up to 350 sheets (Tray 1: up to 100 sheets; Tray 2: up to 250 sheets)
<b>Internal Storage</b>	None
<b>Mac compatible</b>	Yes
<b>Maximum Memory</b>	256 MB
<b>Maximum dimensions (W x D x H)</b>	15 x 25 x 9.5 in
<b>Maximum dimensions (W x D x H)</b>	381 x 634 x 241 mm
<b>Maximum input capacity (sheets)</b>	Up to 900 sheets
<b>Maximum output capacity (sheets)</b>	Up to 150 sheets
<b>Maximum print area</b>	207.4 x 347.1mm
<b>Media size, tray 1</b>	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)
<b>Media size, tray 2</b>	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)
<b>Media size, tray 3</b>	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)
<b>Media sizes supported, key</b>	4 x 6 in; Letter; Legal; Envelopes
<b>Media sizes supported, key</b>	10 x 15 cm; A4; Envelopes
<b>Media sizes, custom</b>	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
<b>Media sizes, custom</b>	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
<b>Media type and capacity, tray 1</b>	Sheets: 100; envelopes: 10
<b>Media type and capacity, tray 2</b>	Sheets: 250
<b>Media type and capacity, tray 3</b>	Sheets: 550
<b>Media types</b>	Paper (plain, EcoFFICIENT, light, heavy, bond, colored, letterhead, preprinted, prepunched, recycled, rough); envelopes; labels
<b>Media weight (tray 1)</b>	60 to 200 g/m <sup>2</sup>
<b>Media weight (tray 2)</b>	60 to 120 g/m <sup>2</sup>
<b>Media weight (tray 3)</b>	60 to 120 g/m <sup>2</sup> (optional 550-sheet tray)
<b>Media weight, supported</b>	Tray 1: 16 to 46.6 lb; Tray 2 and Optional 550-sheet Tray 3: 16 to 32 lb
<b>Media weight, supported</b>	Tray 1: 60 to 200 g/m <sup>2</sup> ; Tray 2, Optional 550-sheet Tray 3: 60 to 120 g/m <sup>2</sup>
<b>Memory</b>	256 MB
<b>Minimum System Requirements</b>	2 GB available hard disk space; Internet connection or USB port Internet browser. For additional OS hardware requirements see microsoft.com

<b>Minimum System Requirements for Macintosh</b>	2 GB available hard drive space; Internet connection or USB port Internet browser. For additional OS hardware requirements see apple.com
<b>Model number</b>	4001dn
<b>Number of users</b>	3-10 Users
<b>Operating humidity range</b>	10 to 80% RH
<b>Operating temperature range</b>	10 to 32.5°C
<b>Operating temperature range</b>	50 to 91°F
<b>Output capacity</b>	Up to 150 sheets
<b>Package dimensions (W x D x H)</b>	443 x 274 x 464 mm
<b>Package dimensions (W x D x H)</b>	17.4 x 10.8 x 18.3 in
<b>Package weight</b>	10.5 kg
<b>Package weight</b>	23.2 lb
<b>Page yield (set-up/inbox cartridges)</b>	~2900 pages black
<b>Pallet dimensions</b>	AMS: 47.2 x 39.4 97.3 in, EMEA/APJ: 47.2 x 39.4 x 79.0 in
<b>Pallet dimensions (W x D x H)</b>	AMS: 1200 x 1000 x 2471 mm, EMEA/APJ: 1200 x 1000 x 2007 mm
<b>Pallet weight</b>	AMS: 1087 lb, EMEA/APJ: 879 lb
<b>Pallet weight</b>	AMS: 493 kg, EMEA/APJ: 399 kg
<b>Paper handling input, optional</b>	Optional third 550-sheet tray
<b>Paper handling input, standard</b>	100-sheet multipurpose Tray 1, 250-sheet input Tray 2
<b>Paper handling output, standard</b>	150-sheet output bin
<b>Paper trays, maximum</b>	3
<b>Paper trays, standard</b>	2
<b>Power</b>	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)
<b>Print Cartridges/Bottle, Number</b>	1 (black)
<b>Print Technology</b>	Laser
<b>Print colors</b>	No
<b>Print languages</b>	HP PCL 6, HP PCL 5e, HP postscript level 3 emulation, PDF, URF, PWG Raster
<b>Print quality black (normal)</b>	Normal (Native: 600 x 600 dpi, enhanced up to 4800 x 600 dpi)
<b>Print resolution black (fine lines)</b>	Fine Lines (1200 x 1200 dpi)
<b>Print speed black (Landscape, A5)</b>	Up to 63 ppm
<b>Print speed black (Portrait, A5)</b>	Up to 14 ppm
<b>Print speed duplex (A4)</b>	Up to 34 ipm
<b>Print speed duplex (letter)</b>	Up to 36 ipm



<b>Print speed footnote (A5)</b>	[8] Measured using ISO/IEC 24734 Feature Performance Test, excludes first set of test documents. For more information see <a href="http://www.hp.com/go/printerclaims">http://www.hp.com/go/printerclaims</a> . Exact speed varies depending on the system configuration, software application, driver, and document complexity.
<b>Print speed footnote number (A5)</b>	[8]
<b>Print technology</b>	Laser
<b>Printer Management</b>	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)
<b>Printer smart software features footnote</b>	[3] Job Storage feature requires a purchase of separate USB flash drive with a minimum of 16 GB capacity
<b>Processor speed</b>	1200 MHz
<b>Product long name specifications</b>	HP LaserJet Pro 4001dn Printer, Black and white Printer for Small medium business, Print, Two-sided printing; Optional high-capacity trays; JetIntelligence cartridge
<b>Product short name specifications</b>	HP LaserJet Pro 4001dn Black and white Printer, Ethernet Only
<b>Quantity per pallet</b>	AMS: 45, EMEA/APJ: 36
<b>RMN number</b>	SHNGC-1800-00
<b>Recommended monthly page volume</b>	750 to 4,000
<b>Recommended monthly page volume note</b>	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.
<b>Recommended operating humidity range</b>	30 to 70% RH
<b>Recommended operating temperature range</b>	15 to 27°C
<b>Recommended operating temperature range</b>	59 to 80.6°F
<b>Replacement cartridges footnote</b>	[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 <a href="http://www.hp.com/go/toneryield">http://www.hp.com/go/toneryield</a>
<b>Safety</b>	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
<b>Security management</b>	Management security: SNMP v1 v2 v3, SSL/TLS (HTTPS), 802.1x authentication; wireless network security: WPA (Wi-Fi Protected Access) WPA2 WPA3, WEP encryption (64 and 128 bit), 802.1x authentication (EAP-PEAP, LEAP, EAP-TLS) with RADIUS servers
<b>Segment (filter)</b>	Small medium business
<b>Standard input capacity (envelopes)</b>	Up to 10

<b>Standard media sizes (duplex)</b>	A4; 16K (195 x 270 mm, 184 x 260 mm, 197 x 273 mm); Oficio
<b>Standard media sizes (duplex, imperial)</b>	Letter; Legal; Executive; Oficio (8.5 x 13 in)
<b>Standard output capacity (envelopes)</b>	Up to 10 envelopes
<b>Storage</b>	Optional Job storage via external rear host USB port (Minimum 16 GB)
<b>Storage device and direct print support</b>	Optional job storage via external rear host USB port (Minimum 16GB); USB printing
<b>Storage temperature range</b>	-20 to 40°C
<b>Storage temperature range</b>	-4 to 104°F
<b>Target user and print volume</b>	For teams up to 10 users; Prints up to 4,000 pages/month
<b>Tariff numbers</b>	(AM) 8443321010; (EU) 8443321000; (AP) 84433231
<b>Top key features</b>	Two-sided printing
<b>Typical electricity consumption (TEC) footnote</b>	[4] Typical Electricity Consumption (TEC) rating represents the typical electricity consumed by a product during 1 week, measured in kilowatt-hours (kWh).
<b>Typical electricity consumption (TEC) number</b>	0.36 kWh/Week (Blue Angel); 0.36 kWh/Week (Energy Star 3.0) <sup>[4]</sup>
<b>UNSPSC code</b>	43212105
<b>UPC number</b>	196786712098
<b>Warm-up time</b>	As fast as 45 sec
<b>Waste electrical and electronic weight</b>	8.56 kg
<b>Web address for additional information</b>	hp.com/support/lj4001-4004
<b>What is in the box footnote</b>	[2] For yield information on the cartridge included with your printer, see <a href="http://www.hp.com/go/toneryield">http://www.hp.com/go/toneryield</a> . Yield values measured in accordance with ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors.

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[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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HP Laser Toner Cartridges and Kits

★ : Recommended

HP Black and White Laser Toner Printer Cartridges

HP 148A Black Original LaserJet Toner Cartridge	W1480A
HP 148X High Yield Black Original LaserJet Toner Cartridge	W1480X

HP Home & Office Papers

HP Home & Office Papers for laser and inkjet

HP MultiPurpose20TM, 20 lb, 11 x 17 in. (279 x 432 mm), 250 sheets	HPM1720P
HP MultiPurpose20TM, 20 lb, 8.5 x 11 in. (216 x 279 mm), 500 sheets	HPM1120R
HP MultiPurpose20TM, 20 lb, 8.5 x 14 in. (216 x 356 mm), 500 sheets	HPM1420P

# Accessories

## Paper Handling

★ : Recommended

### Input Trays

HP LaserJet Pro 550-sheet Feeder Tray	D9P29A
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