# LASERJET PRO 400 MFP M425dn

**A Web-connected MFP for office productivity. Print from virtually anywhere, using HP ePrint[2], and share resources with Ethernet networking. Streamline workflow with access to business apps. Save time with automatic two-sided scanning and copying.**

**Print Speed[1]:** Up to 35 ppm
**Scan Resolution:** Up to 1200 x 1200 dpi (monochrome); Up to 600 x 600 dpi (color)
**Copy Resolution:** Up to 600 x 600 dpi
**Fax Resolution:** Up to 300 x 300 dpi
**Paper Handling:** 50-sheet multipurpose tray 1, 250-sheet input tray 2, 500-sheet optional tray 3, 150-sheet output bin, automatic duplexer for two-sided printing
**Standard Connectivity:** 1 Hi-Speed USB 2.0, 1 Host USB, 1 Walk-up USB, 1 Ethernet 10/100/1000 Gigabit network
**Mobile Printing Capability**: HP ePrint, Apple AirPrint™, Business Applications

## Increase productivity—even on the go

- HP ePrint—now you can print from virtually anywhere.[2]
- Scan documents directly to email or a network folder—even scan two-sided pages quickly and easily.
- Easily share printing resources with an Ethernet-connected MFP.
- Save time and do more, using a 50-page automatic document feeder with dual head scanning technology—allowing users to scan and copy a two-sided document in one pass.

## Easily manage print jobs and access business apps

- Use business apps and a color touchscreen to access and print from the web or scan to online storage sites.[3]
- Plug and print in as fast as five minutes—there's no CD required with HP Smart Install.[4]
- Use the easy-access USB port to print from—and save scans to—a flash drive.
- Easily control your print environment and deploy updates using market-leading management tools.

## Produce high-quality documents time after time

- Print high-quality documents with bold text and sharp images, using Original HP LaserJet toner cartridges.
- Stay productive with HP reliability—this MFP has a recommended monthly page volume of up to 3000 pages.
- Save time with Original HP LaserJet toner cartridges that are reliable and easy to install.
- Print more affordably, using an optional high-capacity Original HP LaserJet black toner cartridge.[5]

## Reduce your environmental impact

- Reduce paper use by up to 50% with automatic two-sided printing.
- Reduce energy use with HP Auto-On/Auto-Off Technology.[6]
- Easily recycle Original HP LaserJet toner cartridges through HP Planet Partners.[7]
- This MFP's compact size is designed to use less space and create less packaging waste.

### HP EcoSolutions

- Save energy—HP Auto-On/Auto-Off Technology turns your printer on when you need it, off when you don't.[6]
- Save paper by up to 50%, using automatic two-sided printing.
- Reduce energy use with HP Instant-on Technology and Instant-on Copy.[8]

ENERGY STAR® qualified

Join HP in more sustainable printing
**www.hp.com/ecosolutions**

ENERGY STAR · Compatible with Windows 7 · Works with Windows Vista® · ePrint · HI-SPEED CERTIFIED USB · WE SELL ENERGY STAR · epeat™ BRONZE

# HP LASERJET PRO 400 MFP M425dn

## TECHNICAL SPECIFICATIONS

| | |
|---|---|
| **Functions** | Print, Copy, Scan, Fax, Walk-up USB |
| **Standard printer languages** | HP PCL 5e, HP PCL 6, HP postscript level 3 emulation, direct PDF (v 1.7) printing |
| **Print technology** | Laser |
| **Duplex print options** | Automatic (standard) |
| **Print Speed[1]** | **Black:** Up to 35 ppm; **First Page Out[2]:** As fast as 8 sec |
| **Print Resolution** | **Black (Best):** Up to 1200 x 1200 dpi; **Black (Normal):** HP FastRes 1200 |
| **Print technology resolution** | HP FastRes 1200, HP ProRes 1200, 600 dpi |
| **HP ePrint Capability** | Yes |
| **Number of print cartridges** | 1 (black) |
| **Printer smart software features** | HP ePrint, HP Auto-On/Auto-Off, HP Smart Install, Walk-up USB, 3.5 inch color touchscreen control panel, Gigabit networking, automatic two-sided printing, Scan to e-mail, Scan to network folder, Scan to Cloud |
| **Duty Cycle (monthly)[3]** | Up to 50,000 pages |
| **Recommended Monthly Page Volume[4]** | Up to 750 to 3,000 pages |
| **Color Scanning** | Yes |
| **Twain version** | Version 1.9 |
| **Scan type** | Flatbed, ADF |
| **Scan Resolution** | **Enhanced:** Up to 1200 dpi; **Hardware:** Up to 1200 x 1200 dpi (color and mono, flatbed); Up to 300 dpi (color and mono, ADF) **Optical:** Up to 1200 dpi (color and mono, flatbed); Up to 300 dpi (color and mono, ADF) |
| **Scan Speed[5]** | Up to 20 ppm (b&w), up to 9 ppm (color) |
| **Duplex ADF Scanning** | Yes |
| **Grayscale levels/Bit Depth** | 256/30-bit |
| **Scan file format** | PDF, searchable PDF, JPG, RTF, TXT, BMP, PNG, TIFF (scan to USB device and scan from the front panel to a network folder both only support JPG and PDF) |
| **Scan input modes** | Front control panel Scan, Copy or Fax buttons, From PC: Solution Center Lite (Windows Vista®, Windows® XP) or Device Stage (Windows® 7); TWAIN-compliant or WIA-compliant software |
| **Scan Size Maximum** | **ADF:** 8.5 x 14 in (216 x 381 mm); **Flatbed:** 8.5 x 11.7 in (216 x 297 mm) |
| **Scanner Advanced Features** | Scan to e-mail, scan to network folder, scan to Cloud |
| **Copy Resolution** | **Black (Text and Graphics):** Up to 600 x 600 dpi |
| **Copy Speed[6]** | **Black:** Up to 35 ppm (Letter) |
| **Max Number Of Copies** | Up to 99 copies |
| **Copier Reduce enlarge** | 25 to 400% |
| **Copier Settings** | Contrast (lighter/darker), resolution copy quality (text, mixed, picture, photograph, auto select), draft quality (On/Off), multipage (On/Off), reduce/enlarge 25 to 400%, copy collation, number of copies, one or 2-sided copying, tray select, paper size, paper type, restore default |
| **Copier Smart Software Features** | 50-page automatic document feeder with dual head scanner |
| **Fax resolution** | **Black (Best):** Up to 300 x 300 dpi (halftone enabled); **Black (Standard):** Up to 203 x 98 dpi; **Black and White (Fine):** 203 x 196 dpi; **Black and White (Superfine):** 300 x 300 dpi (no halftone); **Black Photo Grayscale:** 300 x 300 dpi (halftone enabled) |
| **Fax speed[7]** | **Letter:** 3 sec per page |
| **Fax Features** | **Fax Memory (Letter):** Up to 300 pages; **Auto Fax Reduction Supported:** Yes; **Fax Auto-Redialing:** Yes; **Fax Delayed Sending:** Yes; **Distinctive Ring Detection Supported:** Yes; **Fax Forwarding Supported:** Yes; **Fax Phone TAM Interface Supported:** Yes; **Fax Polling Supported:** Yes; **Fax Telephone Mode Supported:** Yes; **Junk Barrier Supported:** Yes; **Maximum Speed Dialing Numbers:** Up to 120 numbers (119 group dials); **PC Interface Supported:** Yes; **Remote Retrieval Capability Supported:** No; **Telephone Handset Supported:** No |
| **Modem** | 33.6 kbps |
| **Fonts and Typefaces** | 84 scalable TrueType fonts |
| **Standard connectivity** | 1 Hi-Speed USB 2.0, 1 Host USB, 1 Walk-up USB, 1 Ethernet 10/100/1000 Gigabit network |
| **Network capabilities** | Via built-in 10/100/1000 Gigabit Ethernet network port |
| **Network Ready** | Standard (built-in Ethernet) |
| **Mobile Printing Capability** | HP ePrint, Apple AirPrint™, Business Applications |
| **Control panel** | 3.5" (8.89 cm) LCD (color graphics) with Touchscreen; 6 buttons (Home, Help, Cancel, Left arrow, Right arrow, Back arrow), Walk-up USB |
| **Display** | 3.5" (8.89 cm) LCD (color graphics) with Touchscreen |

| | |
|---|---|
| **Maximum/standard memory** | 256 MB |
| **Memory Slots** | 1 slot, 120-pin DIMM (for Nor font flash module) |
| **Processor Speed** | 800 MHz |
| **Media type and capacity** | **ADF:** Up to 50 sheets; **Tray 1:** 50 sheets, 10 envelopes; **Tray 2:** 250 sheets, **Tray 3:** 500 sheets **Maximum:** 800 Sheets |
| **Media types** | Paper (plain, Green mode, light, heavy, bond, color, letterhead, preprinted, prepunched, recycled, rough); envelopes; labels; transparencies; cardstock |
| **Media weight** | **Tray 1:** 60 to 163 g/m² (straight through paper path for special media); **Tray 2:** 60 to 120 g/m²; **Tray 3:** 60 to 120 g/m² (optional 500-sheet feeder/tray); **ADF:** 60 to 90 g/m² (16 to 32 lb); |
| **Custom Media Sizes** | 3 x 5 to 8.5 x 14 in (76 x 127 to 216 x 356 mm); **Tray 2 and optional 500-sheet feeder/Tray 3:** 4.1 x 5.8 to 8.5 x 14 in (105 x 148 to 216 x 356 mm) |
| **Auto document feeder capacity** | Standard, 50 sheets |
| **Paper Handling** | 50-sheet multipurpose tray 1, 250-sheet input tray 2, optional 500-sheet tray 3, automatic duplexer for two-sided printing, 150-sheet output bin; **Input Capacity:** Up to 800 sheets, Up to 10 envelopes; **Output Capacity:** Up to 150 sheets, Up to 10 envelopes, Up to 75 sheets transparencies |
| **Power** | **Typical Electricity Consumption (TEC) number:** 2.67 kWh/Week; **Power Supply Type:** Built-in power supply; **Power Requirements:** Input voltage: 110 to 127 VAC (+/- 10%), 50/60 Hz (+/- 2 Hz) **Power Consumption[8]:** 600 watts (Printing), 420 watts (Copying), 10.5 watts (Ready), 9.5 watts (Sleep), 0.1 watts (Off) |
| **Software included** | **Windows:** HP Installer/Uninstaller, HP PCL 6 print driver, HP WIA Scan Driver, HP TWAIN Scan Driver, HP Scan, HP Fax Setup Wizard, HP Send Fax, HP Fax Print Driver, ReadIris Software; **Mac:** HP Installer/Uninstaller, HP PS driver, HP Scan, HP Setup Assistant, HP Fax Print Driver, HP Utility, ReadIris Software, Scan to email/folder setup |
| **Compatible operating systems** | Full software installs supported on: Microsoft® Windows®7 32-bit and 64-bit, Windows Vista® 32-bit and 64-bit, Windows® XP 32-bit (SP2 or higher); Driver only installs supported on: Microsoft® Windows® Server 2008 32-bit and 64-bit, Windows® Server 2003 32-bit (SP3 or higher); Mac OS X v 10.5, v 10.6, v 10.7; Linpus Linux : 9.4, 9.5; Red Hat Enterprise Linux: 5.0, 6.0; OpenSuSE: 11.3, 11.4; Fedora: 14, 15; Ubuntu: 10.04, 10.10, 11.04; Debian: 5.0, 6.0 and HPUX11i |
| **Minimum system requirements** | **PC:** Microsoft® Windows® 7 (32-bit/64-bit), Windows Vista® (32-bit/64-bit): 1 GHz 32-bit (x86) or 64-bit (x64) processor, 1 GB RAM (32-bit) or 2 GB RAM (64-bit), 400 MB hard disk space, CD-ROM/DVD-ROM or Internet, USB or Network port; Windows® XP32 SP2 (32-bit): Pentium® 233 MHz processor, 512 MB RAM, 400 MB hard disk space, CD-ROM/DVD-ROM or Internet, USB or Network port; **Mac:** Mac OS X v 10.5, v 10.6, v 10.7; PowerPC G4, G5, or Intel® Core™ Processor; 500 MB hard disk; CD-ROM/DVD-ROM or Internet; USB or Network |
| **Acoustic[9]** | **Acoustic Power Emissions:** 6.4 B(A) **Acoustic Power Emissions (Active, Copy or Scan):** 6.5 B(A) **Acoustic Power Emissions (Ready):** Inaudible **Acoustic Pressure Emissions:** 51 dB(A) **Acoustic Pressure Emissions Bystander (Ready):** Inaudible |
| **Operating Environment** | **Operating Temperature Range:** 59 to 90.5º F (15 to 32.5º C) **Recommended Operating Temperature:** 63.5 to 77º F (17.5 to 25º C) **Storage Temperature Range:** -4 to 104ºF (-20 to 40ºC) **Non-Operating Humidity Range:** 10 to 90% RH **Operating Humidity Range:** 10 to 80% RH **Recommended Humidity Operating Range:** 30 to 70% RH |
| **Product Dimensions** | **W x D x H:** 17.32 x 15.07 x 16.67 in (439.9 x 382.7 x 423.5 mm) **Maximum:** 17.32 x 24.94 x 26 in (439.9 x 633.4 x 660 mm), with multipurpose tray and foldup cover extended, tray 2 extended to legal-size, ADF fully open |
| **Product Weight** | 33.3 lb (15.1 kg) |
| **What's in the box[10]** | HP LaserJet M425dn MFP, HP 80A Black LaserJet Toner Cartridge (~ 2,700 pages), Getting Started Guide, Support flyer, CDs containing device software and electronic User's Guide, power cord(s), Phone cord(s) |
| **Warranty** | One-year warranty, return to HP Authorized Service Provider |
| **Replacement cartridges[11]** | HP 80A Black LaserJet Toner Cartridge (~ 2,700 pages), CF280A HP 80X Black LaserJet Toner Cartridge (~ 6,900 pages), CF280X |
| **HP Care Packs** | HP 3y NBD LaserJet M425 MFP HW Support, U5X82E HP 3y NDB Exchange LaserJet M425 MFP SVC, U5X83E HP 1y PW NBD LaserJet M425 MFP HW Support, U5Z45PE HP 1y PW NBD Exch LaserJet M425 MFP SVC, U5Z46PE |
| **Accessories** | HP LaserJet Pro 400 sheet feeder 500 page capacity, CF406A |

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

**HP LASERJET PRO 400 MFP M425dn  Product Number: CF286A**