HP LaserJet Pro 400
Color MFP M475 Series

Boost productivity and gain efficiency. Produce professional-quality, two-sided, color documents in-house. Easily print, scan directly to e-mail, copy and fax with a Web-connected, color laser MFP. Print from virtually anywhere with HP ePrint.[4]

Print speed[1]: Up to 21 ppm black (letter), Up to 21 ppm color (letter)
First page out: As fast as 17 sec (black) and 17 sec (color)
Scan resolution (hardware): Up to 300 x 300 dpi (color and mono, ADF);
Up to 600 x 600 dpi (color, flatbed); Up to 1200 x 1200 dpi (mono, flatbed)
Copy resolution: Up to 300 x 300 dpi; **Max no of copies:** Up to 99 copies
Monthly volume (duty cycle): Up to 40,000 pages
Paper handling: Up to 300 sheets (standard), 50-sheet multipurpose tray,
250-sheet input tray 2, 250-sheet input tray 3 (optional)

Versatile investment, professional color

- Achieve bold text and smooth color with HP ImageREt 3600 and Original HP LaserJet toner cartridges.
- Produce color marketing materials in-house on a range of media sizes and use tips and templates from HP.
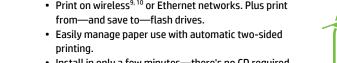- Print black text affordably—at the same cost per page as a black-and-white HP LaserJet printer.[5]

Networked multifunction capability

- Boost productivity and save time with print speeds up to 21 ppm (letter).[1]
- Print on wireless[9, 10] or Ethernet networks. Plus print from—and save to—flash drives.
- Easily manage paper use with automatic two-sided printing.
- Install in only a few minutes—there's no CD required with HP Smart Install.[2]

Web-connected efficiency and expandability

- Use business apps and the 3.5-inch (8.89 cm) color touchscreen to access and print information from the web.[3]
- Convert hard copies to digital files quickly and easily—scan straight to a USB, e-mail, or network folder.
- Print from virtually anywhere with HP ePrint.[4]
- Proactively manage office printing with HP Web Jetadmin.

Optimized energy savings

- Reduce energy use with HP Auto-On/Auto-Off Technology.[6] Also save with Instant-on Technology.[7]
- Conserve resources and save paper, using automatic two-sided printing—get up to 50% paper-savings.
- Get centralized, easy access to custom, energy-saving options and printer settings with HP EcoSMART Console.
- Take advantage of free, easy recycling—cartridges returned through HP Planet Partners are recycled responsibly.[8]

HP EcoSolutions

- Save energy—HP Auto-On/Auto-Off Technology turns your printer on when you need it, off when you don't.[1]
- Reduce paper use by up to 50%, using automatic two-sided printing.
- Lower your impact—reduce energy and paper use with HP EcoSMART Console.

ENERGY STAR® qualified

Join HP in more sustainable printing
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[1]HP Auto-On/Auto-Off capabilities subject to printer and settings.

[1]Measured using ISO/IEC 24734, 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. [2]HP Smart Install works with Windows only. [3]Requires a wireless access point and an Internet connection to the printer. Services may require registration. Availability varies by country, language, and agreements, and requires a firmware upgrade. For details, **http://www.hp.com/go/eprintcenter**. [4]Requires an Internet connection to the printer. Feature works with any Internet- and e-mail-capable device. Print times may vary. For a list of supported documents and image types, see **http://www.hp.com/go/eprintcenter**. [5]Compared with HP LaserJet Pro M1536. Assuming customer is printing at least 30% of total pages in color with content similar to the color ISO/IEC 19798 test suite (**http://www.iso.org/jtc1/sc28**) and overall average job length of three pages. Yields established using ISO/IEC test standards. Actual yields and costs vary considerably depending on images printed, number of color pages printed, and other factors. [6]HP Auto-On/Auto-Off capabilities subject to printer and settings. Actual results may vary. [7]Compared with products that use traditional fusing. [8]Program availability varies. HP print cartridge return and recycling is currently available in more than 50 countries and territories around the world through the HP Planet Partners program. For more information, or to request return envelopes and bulk collection boxes, visit **http://www.hp.com/recycle**. [9]Wireless performance is dependent upon physical environment and distance from access point, and may be limited during active VPN connections.
[10]Wireless connectivity available on the HP LaserJet Pro 400 color MFP M475dw only.

HP LaserJet Pro 400
Color MFP M475 Series

TECHNICAL SPECIFICATIONS

Product number	**CE863A:** LaserJet Pro 400 color MFP 475dn **CE864A:** LaserJet Pro 400 color MFP 475dw
Functions	Print, Copy, Scan, Fax
AIO multitasking	Yes
Duplex print options	Automatic (standard)
Standard printer languages	HP PCL 6, HP PCL 5c, HP postscript level 3 emulation
Printer management	**Windows:** HP Device Toolbox, Status Alerts (default install), SNP Alerts (minimum network install), HP Web Jetadmin (download); **Mac:** HP Utility
Print speed[1]	**Black (letter):** Up to 21 ppm; **Color (letter):** Up to 21 ppm; **First page out[2]:** As fast as 17 sec (black) and 17 sec (color)
Print resolution	**Black (best):** Up to 600 x 600 dpi; **Color (best):** Up to 600 x 600 dpi
Print technology resolution	HP ImageREt 3600
Print technology	Laser
Number of print cartridges	4 (1 each black, cyan, magenta, yellow)
Printer smart software features	HP ePrint, Apple AirPrint™, Smart Install, HP Auto-On/Auto-Off technology, Simplified control panel, Compact design, Wireless direct print (M475dw only)
HP ePrint capability	Yes
Mobile printing capability	HP ePrint, Apple AirPrint™, Business Applications, Wireless Direct print (M475dw only)
Duty cycle (monthly)[3]	Up to 40,000 pages
Rec. monthly page volume[4]	Up to 1,000 to 2,500 pages
Twain version	Version 1.9
Scan type	Flatbed, ADF
Scan resolution	**Hardware:** Up to 300 x 300 dpi (color and mono, ADF); Up to 600 x 600 dpi (color, flatbed); Up to 1200 x 1200 dpi (mono, flatbed); **Optical:** Up to 300 dpi (color and mono, ADF); Up to 600 dpi (color, flatbed); Up to 1200 dpi (mono, flatbed)
Scan speed[5]	**Black (normal):** Up to 11.5 ipm; **Color (normal):** Up to 4.5 ipm
Bit depth/Grayscale levels	24-bit/256
Scan file format	PDF, searchable PDF, JPG, RTF, TXT, BMP, PNG, TIFF
Scan input modes	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 356 mm); **Flatbed:** 8.5 x 11.7 in (216 x 297 mm)
Copy resolution	**Black (text and graphics):** Up to 300 x 300 dpi; **Color (text and graphics):** Up to 300 x 300 dpi
Copy speed[6]	**Black (letter):** Up to 21 cpm; **Color (letter):** Up to 21 cpm; **First copy out (color):** As fast as 21 sec; **First copy out (letter):** As fast as 19 sec
Max number of copies	Up to 99 copies
Copier resize and enlarge	25 to 400%
Copier settings	Number of copies, Reduce/Enlarge, Lighter/Darker, Optimize, Paper, Multi-page copy, Collation, Tray select, Two-sided, Draft mode, Image adjustment, Set as new defaults, Restore defaults
Fax resolution	**Black (best):** Up to 300 x 300 dpi; **Black (standard):** 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
Fax speed[7]	33.6 kbps; **Letter:** 3 sec per page
Fax features	**Fax memory (letter):** Up to 250 pages; **Auto fax reduction supported:** Yes; **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 (receive only); **Fax telephone mode supported:** Yes; **Junk barrier supported:** Yes; **Maximum speed dialing numbers:** Up to 120 numbers; **PC interface supported:** Yes, PC fax send only; **Remote retrieval capability supported:** No; **Telephone handset supported:** No
Fax smart software features	Permanent fax memory backup, auto fax reduction, auto redialing, delayed sending, fax forwarding, TAM interface, polling, junk barrier, distinctive ring detection, cover page wizard, block fax, billing codes, save and load, poll receive, fax activity reports, dial prefix setting, receive to PC (not available with Macintosh), printing fax log
Standard connectivity	1 Hi-Speed USB 2.0 port; 1 Host USB port (front-panel); 1 Fast Ethernet 10/100Base-TX network port; 1 RJ -11 (Fax); 1 RJ-11 (Phone only) **M475dw:** Plus 1 WiFi 802.11 b/g/n
Network capabilities	Via built-in 10/100 Fast Ethernet **M475dw:** Plus Wireless 802.11 b/g/n
Wireless capability	**M475dn:** No **M475dw:** Yes, Built-in WiFi 802.11 b/g/n
Modem	33.6 kbps

Control panel	3.5-in intuitive touchscreen control panel with color graphic display; Buttons (Home, Cancel, Help, Right/Left Arrows, Back); LED indicator lights (Ready, Error, Wireless)
Display	3.5-in (8.89 cm) touchscreen, LCD (color graphics)
Maximum memory	448 MB
Processor type/Speed	ARM1176/600 MHz
Media type and capacity	**ADF:** Sheets: 50; **Tray 1:** Sheets: 50, transparencies: 50; envelopes: 10; **Tray 2:** Sheets: 250, envelopes: 10; **Tray 3 (optional):** Sheets: 250, envelopes: 10
Media types	Paper (bond, brochure, colored, glossy, letterhead, photo, plain, preprinted, prepunched, recycled, rough), postcards, transparencies, labels, envelopes
Media weight	**ADF:** 60 to 90 g/m²; **Tray 1:** 60 to 176 g/m² (up to 220 g/m² with postcards and HP Color laser glossy photo papers); **Tray 2:** 60 to 163 g/m² (up to 176 g/m² with postcards); **Tray 3 (optional):** 60 to 163 g/m² (up to 176 g/m² with postcards)
Media sizes custom	**Tray 1:** 3 x 5 to 8.5 x 14 in; **Tray 2, Tray 3 (optional):** 3.94 x 5.83 to 8.5 x 14 in
ADF capacity	Standard, 50 sheets
Fonts and typefaces	84 scalable TrueType fonts
Paper handling	50-sheet multipurpose tray, 250-sheet input tray 2, 150-sheet output bin, Optional 250-sheet input tray 3; **Input capacity (standard):** Up to 300 sheets, Up to 10 envelopes **Input capacity (maximum):** Up to 550 sheets (with optional tray 3) **Output capacity:** Up to 150 sheets, Up to 20 envelopes, Up to 50 sheets transparencies
Power[8]	**Power supply type:** Internal (Built-in) power supply; **Power requirements:** Input voltage: 110 to 127 VAC (+/- 10%), 60 Hz (+/- 3 Hz) **Typical electricity consumption (TEC) number:** 1.880 kWh/Week
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, Status Alerts, HP Update, DXP, ReadIris Software; **Mac:** HP Installer/Uninstaller, HP Postscript driver, HP Scan, HP Setup Assistant, HP Fax Print Driver, HP Utility, HP Alerts, HP Firmware Updater, ReadIris Software
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; Linpus Linux (9.4, 9.5), Red Hat Enterprise Linux 5.0 (supported with a pre-built package); SUSE Linux (10.3, 11.0, 11, 11.1, 11.2), Fedora (9, 9.0, 10, 10.0, 11.0, 11, 12, 12.0), Ubuntu (8.04, 8.04.1, 8.04.2, 8.10, 9.04, 9.10, 10.04), Debian (5.0, 5.0.1, 5.0.2, 5.0.3) (supported by the automatic installer); HPUX 11 and Solaris 8/9
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 free hard disk space, CD/DVD-ROM or Internet, USB or Network port, Windows® XP (32-bit) SP2: Pentium® 233 MHz processor, 512 MB RAM 400 MB free hard disk space, CD/DVD-ROM or Internet, USB or Network port; **Mac:** Mac OSX v 10.5, v 10.6, PowerPC G4, G5, or Intel® Core™ Processor, 500 MB hard disk, CD-ROM/DVD-ROM or Internet, USB or Network port
Acoustic[9]	**Acoustic power emissions:** 6.5 B(A); **Acoustic power emissions (ready):** 4.2 B(A) **Acoustic pressure emissions bystander (active, printing):** 51 dB(A) **Acoustic pressure emissions bystander (ready):** 29 dB(A)
Operating environment	**Operating temperature range:** 59 to 86º F (15 to 30º C) **Recommended operating temperature:** 59 to 80.6º F (15 to 27º C) **Storage temperature range:** -4 to 104º F (-20 to 40º C) **Non-operating humidity range:** 10 to 95% RH (non-condensing) **Operating humidity range:** 10 to 80% RH (non-condensing) **Recommended humidity operating range:** 20 to 70% RH (non-condensing)
Product dimensions (W x D x H)	16.5 x 19.0 x 19.7 in (420 x 483 x 500 mm); **Maximum:** 16.5 x 27.3 x 19.7 in (420 x 693 x 500 mm)
Product weight	65 lb (29.5 kg)
What's in the box[10]	Multifunction printer, Four preinstalled introductory HP LaserJet toner cartridges (yield ~ 1,400 pages), In-box documentation (Hardware installation guide), Software drivers and documentation on CD-ROMs, Power cord, Telecom fax cable, Built-in Automatic duplexer for two-sided printing, USB cable (M475dw only), Built-in Wireless card (M475dw only)
Warranty	One-year limited warranty
HP services and support options	HP 3y Nbd Color LasjerJet M475 MFP Supp, U1H64E HP 3y 4hr 9x5 Color LasjerJet M475 MFP Supp, U1H65E HP 3y 4hr 13x5 Color LasjerJet M475 MFP Supp, U1H66E HP 2y Nbd Color LaserJet M475MFP HW Supp, U1H75E HP 1y PW Nbd Color LasjerJet M475MFP Supp, U1H74PE HP NtwkInstall Inkjet/prsnl LaserJet SVC, H3110E
Replacement cartridges[11]	HP 305A Black LaserJet Toner Cartridge (~ 2,200 pages), CE410A HP 305X Black LaserJet Toner Cartridge (~ 4,000 pages), CE410X HP 305A Cyan LaserJet Toner Cartridge (~ 2,600 pages), CE411A HP 305A Yellow LaserJet Toner Cartridge (~ 2,600 pages), CE412A HP 305A Magenta LaserJet Toner Cartridge (~ 2,600 pages), CE413A
Accessories	HP LaserJet 250-sheet Paper Feeder CF106A HP 256 MB DDR2 144-pin DIMM CB423A

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

HP LaserJet Pro 400 Color MFP M475 Series Product Number: CE863A and CE864A

ENERGY STAR® qualified models; see **www.hp.com/go/energystar**