

Print, Copy, Scan

# HP LaserJet Enterprise MFP M631dn



**This HP LaserJet MFP with JetIntelligence combines performance, energy efficiency, and security.<sup>1</sup>**

This HP LaserJet MFP with JetIntelligence combines exceptional performance and energy efficiency with professional-quality documents right when you need them—all while protecting your network from attacks with the industry's deepest security.<sup>1</sup>



## **The world's most secure printing<sup>1</sup>**



- With HP Sure Start, each printer regularly checks its operating code and repairs itself from attempted hacks.
- Help prevent potential attacks and take immediate action with instant notification of security issues.
- Centralize control of your printing environment with HP Web Jetadmin—and help build business efficiency.<sup>3</sup>
- Paper handling options include a wheeled stand and 550-sheet input feeder for paper sizes A6 to legal.

## **High-speed performance meets energy efficiency**



- Speed through tasks and save paper. Print two-sided documents nearly as fast as single-sided.
- This printer wakes up fast and prints your first page faster—in as quickly as 7.8 seconds.<sup>2</sup>
- This MFP uses exceptionally low amounts of energy thanks to its innovative design and toner technology.<sup>6</sup>
- Paper handling options include a wheeled stand and 550-sheet input feeder for paper sizes A6 to legal.

## **More. Pages, Performance, and Protection.<sup>5</sup>**



- Produce sharp text, bold blacks, and crisp graphics with precision black toner.
- Original HP Toner cartridges with JetIntelligence deliver more pages per cartridge than predecessors.<sup>5</sup>
- Help retain the Original HP quality you paid for with anti-fraud and cartridge authentication technology.
- Spend less time replacing toner, and more on business. Choose high-yield toner cartridges.<sup>7</sup>

## Technical specifications

<b>Functions</b>	Print, Copy, Scan
<b>Print</b>	
Duplex print options	Automatic (standard)
Print speed <sup>6</sup>	<b>Black (A4, normal)</b> Up to 52 ppm; <b>Black (letter, normal)</b> Up to 55 ppm; <b>Black (A5, landscape)</b> Up to 80 ppm; <b>Black (A4, duplex)</b> Up to 43 ppm; <b>Black (letter, duplex)</b> Up to 45 ppm
First page out <sup>8</sup>	<b>Black (A4, ready)</b> As fast as 5.4 sec; <b>Black (A4, sleep)</b> As fast as 7.9 sec
Print resolution	<b>Black (best)</b> Up to 1200 x 1200 dpi; <b>Black (normal)</b> FastRes1200
Print technology	Laser
Print resolution technology	FastRes 1200; 1200 x 1200 dpi
Print cartridges number	1 (black)
Standard print languages	HP PCL 6, HP PCL 5 (HP PCL 5 driver available from the Web only), HP Postscript level 3 emulation, native PDF printing (v 1.7), Apple AirPrint™
Printer management	HP JetAdvantage Security Manager; HP SNMP Proxy Agent; HP Web JetAdmin Software; HP WS Pro Proxy Agent; Printer Administrator Resource Kit for HP Universal Print Driver
<b>Scan</b>	
Scan technology	<b>Type</b> Flatbed, ADF; <b>Technology</b> Charge Coupled Device (CCD)
Scan speed <sup>11</sup>	<b>Normal (A4)</b> Up to 69 ppm (b&w), up to 69 ppm (color)
Scan resolution	<b>Enhanced</b> 600 dpi; <b>Hardware</b> 600 x 600 dpi; <b>Optical</b> up to 600 dpi
Scan size	<b>ADF</b> 215.9 x 863.6 mm <b>Flatbed</b> 220 x 365 mm
Scan input modes	Front panel applications: Copy; E-mail; Save to Network Folder; Save to USB; Save to Device Memory; Save to SharePoint; Open Extensibility Platform (OXP) applications; HP Scan or user application via TWAIN
Scan file format	PDF, JPG, TIF, MTIF <sup>12</sup>
<b>Copy</b>	
Copy speed	<b>Black (A4, normal)</b> Up to 52 cpm; <b>Black (letter, normal)</b> Up to 55 cpm; <b>Black Duplex (A4)</b> Up to 43 cpm; <b>Black (letter, duplex)</b> Up to 45 cpm
First copy out	<b>Black (A4)</b> As fast as 4.9 sec <b>Black (A4, sleep)</b> As fast as 10.4 sec
Copy resolution	<b>Black (text and graphics)</b> Up to 600 x 600 dpi (flatbed); Up to 600 x 450 dpi (ADF);
Max. number of copies	Up to 9999 copies
Copier resize	25 to 400%
Copier settings	Two-sided copying, scalability, image adjustments (darkness, contrast, background cleanup, sharpness), N-up, N or Z-ordering, content orientation, collation, booklet, job build, edge-to-edge, job storage, ID Copy, Book Copy, A-to-B Copy (different media sizes)
<b>Connectivity</b>	
Standard connectivity	1 Hi-Speed Device USB 2.0; 2 Host USB (1 walk-up and 1 external accessible); 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket
Mobile printing capability	HP ePrint; Apple AirPrint™; Mopria™-certified; Google Cloud Print 2.0
Network ready	Standard (built-in Gigabit Ethernet)
Wireless capability	Optional, enabled with purchase of HP Jetdirect 2900nw Print Server J8031A or HP Jetdirect 3000w NFC/Wireless Accessory J8030A
Network Capabilities	Yes, via HP Jetdirect Ethernet embedded print server (standard) which supports: 10Base-T, 100Base-Tx, 1000Base-T; 802.3az (EEE) support on Fast Ethernet and Gig Links; IPsec (standard); 802.11a/b/g/n wireless networking (optional).
HP ePrint capability	Yes
<b>Memory</b>	<b>Standard</b> 1.5 GB (printer); 512 MB (scanner); <b>Maximum</b> 2 GB Total
<b>Processor speed</b>	1.2GHz
<b>Duty cycle (monthly)</b>	Up to 300,000 pages; <b>Recommended monthly page volume:</b> 5,000 to 30,000
<b>Paper handling</b>	
Input	100-sheet multipurpose feeder, 550-sheet input feeder, 150-sheet automatic document feeder, Optional 1 x 550-sheet paper feeder, 1 x 550-sheet feeder with cabinet, 2000-sheet feeder high capacity input with 1 x 550-sheet paper feeder, optional 3 x 550-sheet feeder, optional envelope feeder
Output	500-sheet output feeder, two-sided printing
Media type	Paper (plain, light, bond, recycled, heavy, extra heavy, cardstock, pre-printed, pre-punched, colored, rough, heavy rough), mono transparency, labels, letterhead, envelope, heavy envelope
Media weight	Feeder 1: 60 to 200 g/m <sup>2</sup> ; feeder 2: 60 to 120 g/m <sup>2</sup>
Media sizes custom	feeder 1: 76 x 127 to 216 x 356 mm; feeder 2: 99 x 148 to 216 x 297 mm
<b>Dimensions (W x D x H)</b>	512 x 558 x 640 mm
<b>Weight</b>	33.2 kg
<b>What's in the box<sup>1</sup></b>	HP LaserJet Multifunction Printer; HP Black Original LaserJet Toner Cartridge (~11K yield); CD with software drivers and documentation; Documentation (Hardware Install Guide); Power cord
<b>Warranty features</b>	1 Year Limited Warranty (Next Business Day On-Site)
<b>Systems</b>	
Compatible operating systems	Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17.1, 17.2, 17.3, 18), Linux Red Hat Enterprise (6.0, 7.0), Linux SUSE (13.2, 42.1), Linux Ubuntu (12.04, 14.04, 15.10, 16.04, 16.10), OS macOS 10.12 Sierra, OS X 10.10 Yosemite, OS X 10.11 El Capitan, UNIX, Windows 10 all 32- & 64-bit editions (excluding RT OS for Tablets), Windows 7 all 32- & 64-bit editions, Windows 8/8.1 all 32- & 64-bit editions (excluding RT OS for Tablets), Windows Vista all 32bit editions (Home Basic, Premium, Professional, etc.), Windows XP SP3 32-bit editions (XP Home, XP Pro, etc.)
Minimum system requirements	<b>PC</b> 2GB available hard disk space; OS hardware requirements see microsoft.com <b>Mac</b> 1.3 GB available hard drive space; Firewire; OS hardware requirements see Apple.com for more info
<b>Fonts and Typefaces</b>	105 internal TrueType fonts scalable in HP PCL, 92 internal scalable fonts in HP Postscript level 3 emulation (Euro symbol built-in); 1 internal Unicode Fonts (Andale Mono WorldType); 2 Internal Windows Vista 8 Fonts (Calibri, Cambria); Additional font solutions available via third-party flash memory cards; HP LaserJet Fonts and IPDS Emulation available at <a href="http://www.hp.com/go/laserjetfonts">http://www.hp.com/go/laserjetfonts</a>
<b>Control panel</b>	8.0-in (20.3 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display; illuminated Home button (for quick return to the Home menu)
<b>Display</b>	8.0-in (20.3 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display; illuminated Home button (for quick return to the Home menu)
<b>Power</b>	<b>Power supply type</b> Built in 115V or 220V Power Supply; <b>Power supply required</b> Input voltage: 100V to 127V nominal (+/-10%), 50-60Hz nominal (+/-3Hz), 12 A; Input voltage: 220V to 240V nominal (+/-10%) 50-60Hz nominal (+/-3Hz), 6 A; <b>Power consumption<sup>2</sup></b> : 740 watts (printing/copying), 29.0 watts (ready), 3.3 watts (sleep), <0.1 watts (Auto Off/Manual On), <0.1 watts (Manual Off); <b>Typical electricity consumption (TEC) number<sup>9</sup></b> : ES: 2.348 kWh/week; BA: 2.219 kWh/week
<b>Software included</b>	HP Connected, HP Device Experience (DXP), HP PCL 6 Printer Driver, HP Software Installer/Uninstaller, Mac OS Welcome Screen (Directs users to 123.hp.com or OS App Source for printer software), Online user manuals
<b>Acoustics</b>	<b>Acoustic power emissions:</b> 6.9 Bel; <b>Acoustic power emissions (ready)</b> Inaudible; <b>Acoustic pressure emissions bystander (active, printing)</b> 55 dB(A); <b>Acoustic pressure emissions bystander (ready)</b> Inaudible
<b>Environmental ranges</b>	<b>Operating temperature range</b> 15 to 32.5°C; <b>Recommended operating temperature</b> 15 to 27°C; <b>Non-operating humidity range</b> 10 to 90% RH; <b>Operating humidity range</b> 10 to 80% RH; <b>Recommended Operating humidity range</b> 30 to 70% RH
<b>Security management</b>	Identity management; Kerberos authentication; LDAP authentication; 1000 user PIN codes; optional HP and 3rd party advanced authentication solutions (e.g., badge readers); Network: IPsec/firewall with Certificate; Pre-Shared Key; and Kerberos authentication; Supports WJIA-10 IPsec configuration Plug-in; 802.1X authentication (EAP-PEAP; EAP-TLS); SNMPv3; HTTPS; Certificates; Access Control List; Data: Storage Encryption; Encrypted PDF & Email (uses FIPS 140 validated cryptographic libraries from Microsoft); Secure Erase; SSL/TLS (HTTPS); Encrypted Credentials; Device: Security lock slot; USB port disablement; hardware integration pocket for security solutions; Intrusion Detection with Red Balloon Security Technology - Constant in-device monitoring for attacks; SureStart Secure Boot - BIOS Integrity Checking with self-healing capability; Whitelisting - loads only known good code (DLLs, EXEs, ...); Security management: Compatible with HP JetAdvantage Security Manager, Device Security Syslog Messages processed and accessible in Arcsight and Splunk SIEMs
<b>Safety approvals and requirements</b>	IEC 60950-1:2005 +A1:2009 +A2:2013 (International); EN60950-1:2006 +A11:2009 +A1:2010 +A12:2011 +A2:2013 (EUEN 60825-1:2007 / IEC 60825-1:2007 (Class 1 Laser Product); EN 62479:2010 / IEC 62479:2010; Low Voltage Directive 2006/95/EC with CE Mark (Europe); GS Certificate (Germany, Europe); UL/cUL Listed and IEC CoC (US/Canada); CAN/CSA C22.2 No. 60950-1-07 2nd Ed. 2011-12; Compliance with Laser safety standards 21 CFR 1040.10 and 1040.11 except for deviations pursuant to Laser notice No. 50, Dated June 24, 2007; Other safety approvals as required by individual countries
<b>Supported network protocols</b>	Via built-in networking solution: TCP/IP (IPv4, IPv6); Print: TCP/IP port 9100 Direct Mode, LPD (raw queue support only), Web Services Printing, IPP 2.0, Apple AirPrint™, HP ePrint, FTP Print, Google Cloud Print; DISCOVERY: SLIP Bonjour, Web Services Discovery; IP CONFIG: IPv4 (BootP, DHCP, AutoIP, Manual, TFTP Config, ARP-Ping), IPv6 (Stateless Link-Local and via Router, Stateless via DHCPv6); Management: SNMPv2/v3, HTTP/HTTPS, Telnet, TFTP Config, FTP FW Download, Syslog; Security: SNMPv3, SSL Cert management; Firewall, ACL, 802.1x



## Ordering Information

Number	Description
J8J63A	HP LaserJet Enterprise MFP M631 dn

### Supplies and Maintenance Kits

Number	Description
CF237A	HP 37A Black Original LaserJet Toner Cartridge (11,000 pages)
CF237X	HP 37X High Yield Black Original LaserJet Toner Cartridge (25,000 pages)
CF237Y	HP 37Y Extra High Yield Black Original LaserJet Toner Cartridge (41,000 pages)
J8J87A	HP LaserJet 110V Maintenance Kit (Up to 225,000 pages)
J8J88A	HP LaserJet 220V Maintenance Kit (Up to 225,000 pages)
J8J95A	HP 300 ADF Roller Replacement Kit (Up to 150,000 pages)

### Accessories

Number	Description
B5L28A	HP Internal USB Ports
B5L29A	HP High-Performance Secure Hard Disk
B5L31A	HP Foreign Interface Harness
CC487A	HP LaserJet MFP Analog Fax Accessory 500
E5K48A	HP 1 GB x32 144-pin (800 MHz)DDR3 SODIMM
F5S62A	HP Trusted Platform Module Accessory
J8030A	HP Jetdirect 3000w NFC/Wireless Accessory
J8031A	HP Jetdirect 2900nw Print Server
J8J89A	HP LaserJet 550-sheet Feeder Tray
J8J90A	HP LaserJet Envelope Feeder
J8J91A	HP LaserJet 1x550 Paper Feeder and Cabinet
J8J92A	HP LaserJet High Capacity Paper Feeder and Stand
J8J93A	HP LaserJet 3x550-sheet Paper Feeder with Cabinet
J8J96A	HP Staple Cartridge Refill

### HP Care Packs

Number	Description
U9NK0E	HP 3 year Next Business Day HW Support w/Defective Media Retention for LaserJet Enterprise MFP M63x
U9NK1E	HP 4 year Next Business Day HW Support w/Defective Media Retention for LaserJet Enterprise MFP M63x
U9NK2E	HP 5 year Next Business Day HW Support w/Defective Media Retention for LaserJet Enterprise MFP M63x
U9NK3E	HP 3 year 4 hour 9x5 Hardware Support w/Defective Media Retention for LaserJet Enterprise MFP M63x
U9NK4E	HP 4 year 4 hour 9x5 Hardware Support w/Defective Media Retention for LaserJet Enterprise MFP M63x
U9NK5E	HP 5 year 4 hour 9x5 Hardware Support w/Defective Media Retention for LaserJet Enterprise MFP M63x
U9NL8PE	HP 1 year Post Warranty 4 hour 13x5 Hardware Support w/DMR for LaserJet Enterprise MFP M63x
U9NL9PE	HP 2 year Post Warranty 4 hour 13x5 Hardware Support w/DMR for LaserJet Enterprise MFP M63x
U9NMOPE	HP 1 year Post Wty NBD CTR HW Support w/Defective Media Retention for LaserJet Enterprise MFP M63x
U9NM1PE	HP 2 year Post Wty NBD CTR HW Support w/Defective Media Retention for LaserJet Enterprise MFP M63x

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For the following countries, please fax your queries to (65) 6275 6707 Bangladesh, Bhutan, Brunei, Cambodia, Maldives, Nepal, Pakistan, Sri Lanka

### Supported paper

Contact HP via phone: Asia: 65 6253 8500

### Solutions

For more solutions information, please visit [hp.com/go/gsc](http://hp.com/go/gsc)

## Paper-handling accessories



### Footnotes

<sup>1</sup> Based on HP review of 2016 published security features of competitive in-class printers. Only HP offers a combination of security features that can monitor to detect and automatically stop an attack then self-validate software integrity in a reboot. For a list of printers, visit <http://www.hp.com/go/PrintersThatProtect>. For more information: <http://www.hp.com/go/printersecurityclaims>

<sup>2</sup> Measured after 15 min in sleep. Exact speed varies depending on the system configuration, software application, driver, document complexity and time in sleep.

<sup>3</sup> HP Web Jetadmin is available for download at no additional charge at <http://www.hp.com/go/webjetadmin>

<sup>4</sup> 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.

<sup>5</sup> More pages versus predecessor cartridges claim based on page-yield comparison of HP 37X High Yield Black Original LaserJet Toner Cartridges with HP 87X High Yield Black Original LaserJet Toner Cartridges. For more information, see <http://www.hp.com/go/learnaboutsups>

<sup>6</sup> Based on HP testing using the ENERGY STAR<sup>®</sup> program's Typical Electricity Consumption (TEC) method or as reported in [energystar.gov](http://energystar.gov) versus the top three leading competitors as of 8/2015. Actual results may vary. For details see <http://www.hp.com/go/ljclaims>

<sup>7</sup> HP 37X High Yield Black Original LaserJet Toner Cartridges not included; please purchase separately.

<sup>8</sup> Scan speed measured from ADF at default 300 dpi (black-and-white, grayscale, and color). Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.

### Technical specifications disclaimers

<sup>1</sup> Cartridges included; yields 11,000 black pages based on ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see <http://www.hp.com/go/learnaboutsups>

<sup>2</sup> 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. Power consumption values typically based on measurement of 115 v device.

<sup>3</sup> Average color composite (C/M/Y) and black declared yields based on ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see <http://www.hp.com/go/learnaboutsups>

<sup>4</sup> Declared yield value in accordance with ISO/IEC 19752. Actual yields vary considerably based on images printed and other factors. For more information, visit <http://www.hp.com/go/learnaboutsups>

<sup>5</sup> Based on standard ITU-T test image #1 at standard resolution and MMR encoding, the HP fax device can transmit at 3 sec/page for V.34 and 6 sec/page for V.17

<sup>6</sup> 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.

<sup>7</sup> Measured using ISO 24734 Feature Test, A5 Landscape Feed. Speed may vary based on content, PC, media orientation, and media type.

<sup>8</sup> 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.

<sup>9</sup> 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 115 v device.

<sup>10</sup> Based on the BA TEC method with the following possible exceptions: 1 minute or less sleep delay setting, Wi-Fi disabled.

<sup>11</sup> Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.

<sup>12</sup> Scan software not included in box. HP Scan and TWAIN driver available for download at <http://hp.com/support>

To learn more, visit [hp.com](http://hp.com)

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