

## HP LaserJet Enterprise M612dn (7PS86A)



**This HP LaserJet with JetIntelligence combines performance, energy efficiency, and security.[1]**

This HP LaserJet Printer 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.[1]



### **The world's most secure printing[1]**

With HP Sure Start, operating code is automatically checked at startup and repairs itself if compromised.

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

Speed through tasks and save paper. Print two-sided documents nearly as fast as one-sided.

### **Performance and protection you can count on**

Produce sharp text, bold blacks, and crisp graphics with precision black toner.

### **Featuring**

HP Sure Start

Run-time Intrusion detection

Whitelisting

HP Web Jetadmin

4.3-inch (10.9 cm) color touchscreen

Eliminate the wait from your workday

## Specifications

<b>Print Resolution Technologies</b>	Normal FastRes 1200; Fine Lines (1200 x 1200 dpi), Quickveiw (300 x 300 dpi), Economode (600 x 600 dpi)
<b>Print quality black (best)</b>	Up to 1200 x 1200 dpi
<b>Print speed black (ISO, A4)</b>	Up to 71 ppm
<b>Print speed black (ISO, letter)</b>	Up to 75 ppm
<b>Print speed</b>	Print speed up to 75 ppm (black)
<b>Functions</b>	Print
<b>Duplex printing</b>	Automatic (standard)
<b>Duty cycle (monthly, A4)</b>	Up to 300,000 pages
<b>Duty cycle (monthly, letter)</b>	Up to 300,000 pages <sup>[12]</sup>
<b>Printer smart software features</b>	Print preview, duplex printing, print multiple pages per sheet (2, 4, 6, 9, 16), collation, watermarks, store print jobs, easy-access USB
<b>Energy savings feature technology</b>	HP Auto-On/Auto-Off Technology; Instant-on Technology
<b>Replacement cartridges</b>	HP 147A Black Original LaserJet Toner Cartridge (~10,500 pages) W1470A; HP 147X High Yield Black Original LaserJet Toner Cartridge (~25,200 pages) W1470X; HP 147Y Extra High Yield Black Original LaserJet Toner Cartridge (~42,000 pages) W1470Y <sup>[6]</sup>
<b>Supplies feature</b>	HP JetIntelligence Cartridge
<b>Connectivity, standard</b>	1 Hi-Speed USB 2.0 Device; 2 Hi-Speed USB 2.0 Host; 1 Gigabit Ethernet 10/100/100T network; 1 Hardware Integration Pocket
<b>Connectivity, optional</b>	HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A; HP Jetdirect LAN Accessory 8FP31A
<b>Network capabilities</b>	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).
<b>Wireless capability</b>	Optional, enabled with purchase of a wireless hardware accessory. Single band Wireless Station and Wi-Fi Direct functionality available with HP Jetdirect 3000w NFC/Wireless Accessory J8030A, Dual band Wireless Station and Wi-Fi Direct functionality available with HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A, Dual band Wireless Station functionality available with HP Jetdirect 2900nw Print Server J8031A
<b>Mobile printing capability</b>	HP ePrint; Apple AirPrint™; Google Cloud Print™; Mopria™ Certified; ROAM optional for easy printing
<b>Network protocols, supported</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: SLP, Bonjour, Web Services Discovery; IP CONFIG: IPv4 (BootP, DHCP, AutoIP, Manual, TFTP Config, ARP-Ping), IPv6 (Stateless Link-Local and via Router, Statefull via DHCPv6); Management: SNMPv2/v3, HTTP/HTTps, Telnet, TFTP Config, FTP FW Download, Syslog; Security: SNMPv3, SSL Cert Management, Firewall, ACL, 802.1x
<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 Client OS (32/64 bit)-, Win10, Win8.1, Win7 Ultimate, Mobile OS-, iOS, Android, Mac-, Apple® macOS Sierra v10.13, Apple® macOS High Sierra v10.14, Apple® macOS Mojave v10.15, Discrete PCL6 Printer Driver-, For more information on the supported operating systems go to <a href="http://support.hp.com">http://support.hp.com</a> , 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, UPD PCL6 / PS Printer Drivers-, For more information on the supported operating systems go to <a href="http://support.hp.com">http://support.hp.com</a> , 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, UPD PCL6 / PS Printer Drivers, Supported Operating systems, For more information on the supported operating systems see <a href="http://www.hp.com/go/upd">www.hp.com/go/upd</a> ;
<b>Environmental</b>	Mercury free
<b>Energy star certified</b>	Yes
<b>Energy efficiency</b>	ENERGY STAR® qualified; Blue Angel; EPEAT® Silver; CECP
<b>Blue Angel compliant</b>	Yes, Blue Angel RAL-UZ 205
<b>Display area (imperial)</b>	3.74 x 2.32 in
<b>Display area (metric)</b>	95.04 x 53.86 mm
<b>Display</b>	4.3-in (10.92 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle)
<b>Minimum dimensions (W x D x H)</b>	431 x 466 x 380 mm
<b>Minimum dimensions (W x D x H)</b>	17 x 18.3 x 15 in
<b>Weight</b>	21.6 kg <sup>[3]</sup> (With print cartridges)

<b>Weight</b>	47.5 lbs (With print cartridges)
<b>Power consumption</b>	877 watts (printing), 14.98 watts (ready), 4.28 watts (sleep), < 0.1 watts (Auto Off/Manual On), < 0.1 watts (Manual Off) <sup>[4]</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.)
<b>Power supply type</b>	Built in 115V or 220V Power Supply (Not dual voltage, power supply varies by part number with # Option code identifier)
<b>What's in the box</b>	HP LaserJet Multifunction Printer; HP Black Original LaserJet Toner Cartridge (~10.5K yield); Documentation (Hardware Install Guide, Regulatory Flyer); Power cord. <sup>[2]</sup>
<b>Services (Care Pack)</b>	U9MZ0E - HP 3y NBD LJ Ent M609 M612 SVC; U9MZ1E - HP 4y NBD LJ Ent M609 M612 SVC; U9MZ2E - HP 5y NBD LJ Ent M609 M612 SVC; U9MZ3E - HP 3y 4h 9x5 LJ Ent M609 M612 SVC; U9MZ4E - HP 4y 4h 9x5 LJ Ent M609 M612 SVC; U9MZ5E - HP 5y 4h 9x5 LJ Ent M609 M612 SVC; U9MZ6E - HP 3y 4h 13x5 LJ Ent M609 M612 SVC; U9MZ7E - HP 4y 4h 13x5 LJ Ent M609 M612 SVC; U9MZ8E - HP 5y 4h 13x5 LJ Ent M609 M612 SVC; U9NA2E - HP 3y Nbd Exch LJ Ent M609 M612 SVC; U9NA3E - HP 4y Nbd Exch LJ Ent M609 M612 SVC; U9NA4E - HP 5y Nbd Exch LJ Ent M609 M612 SVC; U9NA5E - HP 3y RtD LJ Ent M609 M612 SVC; U9NA6E - HP 4y RtD LJ Ent M609 M612 SVC; U9NA7E - HP 5y RtD LJ Ent M609 M612 SVC; U9NA8E - HP 3y ChnlPartsOnly LJ Ent M609 M612 SVC; U9NA9E - HP 4y ChnlPartsOnly LJ Ent M609 M612 SVC; U9NB0E - HP 5y ChnlPartsOnly LJ Ent M609 M612 SVC; U9NB1E - HP3yNBDw/Max 3MaintKit LJEntM609M612 SVC; U9NB2E - HP4yNBDw/Max 3MaintKit LJEntM609M612 SVC; U9NB3E - HP5yNBDw/Max 3MaintKit LJEntM609M612 SVC; U9NB4PE - HP 1y PW NBD LJ Ent M609 M612 SVC; U9NB5PE - HP 2y PW NBD LJ Ent M609 M612 SVC; U9NB6PE - HP 1y PW 4h 9x5 LJ Ent M609 M612 SVC; U9NB7PE - HP 2y PW 4h 9x5 LJ Ent M609 M612 SVC; U9NB8PE - HP 1y PW 4h 13x5 LJ Ent M609 M612 SVC; U9NC1PE - HP 1y PW Nbd Exch LJ Ent M609 M612 SVC; U9NC2PE - HP 1y PW RtD LJ Ent M609 M612 SVC; U9NC3PE - HP 1y PW PartsOnly LJ Ent M609 M612 SVC; U9NC4PE - HP 2y PW PartsOnly LJ Ent M609 M612 SVC; U9PS9E - HP MKRS LJ M60x M612 MFP Fuser 220 SVC; U9PS8E - HP MKRS LJ M60x M612 MFP Fuser 110 SVC; U9JT2E - HP Inst SVC w/nw Workgroup Printer;
<b>Warranty</b>	One-year warranty. Warranty and support options vary by product, country and local legal requirements. Go to <a href="http://www.hp.com/support">http://www.hp.com/support</a> to learn about HP award winning service and support options in your region.

## Top Recommended Displays, Accessories and Services

No Top Recommended Displays, Accessories and Services

## Messaging Footnotes

[1] HP's most advanced embedded security features are available on HP Enterprise and HP Managed devices with HP FutureSmart firmware 4.5 or above. Claim based on HP review of 2019 published features of competitive in-class printers. Only HP offers a combination of security features to automatically detect, stop, and recover from attacks with a self-healing reboot, in alignment with NIST SP 800-193 guidelines for device cyber resiliency. For a list of compatible products, visit: <http://www.hp.com/go/PrintersThatProtect>. For more information, visit: <http://www.hp.com/go/PrinterSecurityClaims>

## Technical Specifications Footnotes

[2] Average black 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/learnaboutsupplies>.

[3] With print cartridges

[4] 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.

[6] Average black 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/learnaboutsupplies>.

[12] 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.

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