Get a faster startup and help protect against threats with multi-level device security.

Finish tasks faster with a printer that starts right away and helps conserve energy. Multi-level device security helps protect from threats. Original HP Toner cartridges with JetIntelligence and this printer produce more high-quality pages.

Accelerate your work and use less energy
- Don’t wait for documents. Print your first page in as few as 8.3 seconds from energy-efficient sleep mode.
- This printer leads its class in low energy use—thanks to its innovative design and toner technology.
- Speed through jobs on a variety of media. Print two-sided documents almost as quickly as one.
- Now almost 27% smaller—this printer fits in tight places and delivers quiet operation.

Unparalleled fleet security and management
- Embedded features detect security threats and heal your printer, protecting it from boot up to shutdown.
- Protect sensitive data stored on the printer and in transit, using embedded and optional security features.
- Protect sensitive business data with embedded and optional HP JetAdvantage Security Solutions.
- Centralize control of your print environment with HP Web Jetadmin—and help build business efficiency.

More. Pages, Performance, and Protection.
- Produce sharp text, bold blacks, and crisp graphics with precision black toner.
- Get more. Original HP Toner with JetIntelligence delivers more pages per cartridge than predecessors.
- Help ensure the Original HP quality you paid for with anti-fraud and cartridge authentication technology.
- Print right away with a preinstalled toner cartridge. Replace it with an optional high-yield cartridge.

Stay connected with secure mobile printing options
- Enable 128-bit encrypted wireless direct printing from mobile devices—without accessing the network.
- Print with just a touch of your NFC-enabled mobile device to this printer—no network needed.
- Easily access, print, and share resources with Ethernet and optional wireless networking.

1 Based on HP internal testing of top three leading competitors’ first page-out from sleep mode and duplex print speed completed 8/2015. Subject to device settings. Actual results may vary. For details, see [hp.com/go/compare].
3 Compared with the HP LaserJet Enterprise P3015.
4 Purchase of optional paper tray required to reach maximum input capacity.
5 Based on HP testing using the ENERGY STAR program’s Typical Electrolyte Consumption (TEC) method and as reported in [voltage.com](https://www.voltage.com) versus the top three leading competitors as of 8/2015. Actual results may vary. For details, see [hp.com/go/compare].
6 HP 87X Black High Yield Black Original LaserJet Toner Cartridges not included; please purchase separately.
7 Some features require additional purchase.
8 A future Hewlett-Packard Enterprise update may be required to activate security features. Learn more at [hp.com/go/learnaboutsupplies].
9 HP Web Jetadmin is free and available for download at [hp.com/go/webjetadmin].
10 Some solutions require download or additional purchase. Learn more at [hp.com/go/businessmobileprinting].
11 Wireless networking requires purchase of the HP Jetdirect 2900nw Print Server. Wireless performance is dependent on physical environment and distance from access point, and may be limited during active VPN connections.
12 Wireless direct printing is standard on the HP LaserJet Enterprise M506dn only. Requires purchase of optional HP Jetdirect 3000w NFC/Wireless Direct Accessory for the HP LaserJet Enterprise M506dn. Mobile-device needs to be connected directly to the Wi-Fi network of a wireless direct-capable MFP or printer prior to printing. Depending on mobile device, an app or driver may also be required. For details, see [hp.com/go/businessmobileprinting].
13 Touch-to-print capability is standard on the HP LaserJet Enterprise M506dn only. Requires purchase of optional HP Jetdirect 3000w NFC/Wireless Direct Accessory for the HP LaserJet Enterprise M506dn. Mobile device must support Near Field Communication (NFC)-enabled printing. For more information, see [hp.com/go/businessmobileprinting].
**Product walkthrough**

1. Intuitive 4.3-inch (10.9 cm) color VGA control panel tilts up for easier viewing
2. Home button (returns to home screen)
3. 250-sheet output bin
4. Easy-access USB port to print files directly
5. Top cover access to Original HP Toner cartridge with JetIntelligence
6. 100-sheet multipurpose tray
7. Two 550-sheet input trays for a 1,200 sheet total input capacity
8. Hardware Integration Pocket (HIP) for solution integration
9. Built-in wireless direct / NFC touch-to-print
10. Convenient front on/off switch
11. Built-in automatic two-sided printing
12. Rear door (access to the print path)
13. 512 MB standard memory (upgradable to 1.5 GB) and a 1.2 GHz processor
14. Access port for optional Kensington-style lock
15. HP Jetdirect Gigabit/Fast Ethernet embedded print server
16. Hi-Speed USB 2.0 port (for connecting third-party devices)
17. Hi-Speed USB 2.0 printing port

**Series at a glance**

<table>
<thead>
<tr>
<th>Model</th>
<th>M506n</th>
<th>M506dn</th>
<th>M506dh</th>
<th>M506x</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product number</td>
<td>F2A68A</td>
<td>F2A69A</td>
<td>F2A71A</td>
<td>F2A70A</td>
</tr>
<tr>
<td>100-sheet multipurpose tray, 550 sheet input tray</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>550-sheet input tray</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>✓</td>
</tr>
<tr>
<td>2 550-sheet input trays 4 and 5</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
</tr>
<tr>
<td>Printer cabinet</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
</tr>
<tr>
<td>Control panel</td>
<td>4-line display with keypad</td>
<td>4-line display with keypad</td>
<td>4-line display with keypad</td>
<td>4.3-inch (10.9 cm) touchscreen</td>
</tr>
<tr>
<td>HP High Performance Secure Hard Disk drive</td>
<td>Optional</td>
<td>Optional</td>
<td>✓</td>
<td>Optional</td>
</tr>
<tr>
<td><em>Note HP FIPS 140 high-performance secure hard disk drive (M506dh)</em></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hardware Integration Pocket (HIP)</td>
<td>Not available</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Two-sided printing</td>
<td>Not available</td>
<td>Automatic</td>
<td>Automatic</td>
<td>Automatic</td>
</tr>
<tr>
<td>Wireless direct and NFC touch-to-print</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>✓</td>
</tr>
<tr>
<td>ENERGY STAR® and Blue Angel certified</td>
<td>Not available</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>

*An administrator must enable the easy-access USB port before use. †The Hardware Integration Pocket is only available for the HP LaserJet Enterprise M506dn and M506x models. Enabling the HIP requires purchase of optional HP Internal USB Ports for M506/M527 accessory (F2A87A). Solutions deployed through the Hardware Integration Pocket may require additional purchase. ‡Wireless direct printing is standard on the HP LaserJet Enterprise M506x only. Requires purchase of optional HP Jetdirect 3000w NFC/Wireless Direct Accessory for the HP LaserJet Enterprise M506x. Mobile device must be connected directly to the Wi-Fi network of a wireless direct-capable MFP or printer prior to printing. Depending on mobile device, an app or driver may also be required. For details, see hp.com/go/businessmobileprinting. ‡Touch-to-print capability is standard on the HP LaserJet Enterprise M506x only. Requires purchase of optional HP Jetdirect 3000w NFC/Wireless Direct Accessory for the HP LaserJet Enterprise M506x. Mobile device must support Near Field Communication (NFC)-enabled features. For more information, see hp.com/go/businessmobileprinting. *Based on ISO/IEC 19752 cartridge yields for HP 55X High Yield Black Original LaserJet Toner cartridges compared with HP 87X High Yield Black Original LaserJet Toner cartridges. Learn more at hp.com/go/learnaboutsupplies.
HP Services

Downtime can have serious consequences, so HP provides support beyond the standard warranty. You benefit from reduced risk, maximized uptime, predictable service delivery and no unbudgeted repair costs. HP Care Pack Services provide a comprehensive suite of protection services designed to keep HP hardware and software up and running so employees can stay productive.

Next Business Day with Defective Media Retention:
Customers can retain their hard disk drive and keep control of sensitive data.

Next Business Day Exchange:
Ships a permanent replacement unit overnight via premium airfreight, if hardware issue cannot be resolved remotely. Shipping charges are prepaid by HP.

For carepack availability visit: hp.com/go/cpc

Top features

Work quickly with the fastest first page out from sleep mode—on the most energy-efficient printer in its class.¹¹ Launch two-sided printing right from the touchscreen. Reload paper less often with a substantial 2,300-sheet maximum capacity.¹

Trust your printer is secure from power-up to power-down. Get strong protection for devices, data, and documents with embedded and optional security features while centrally managing your entire printer fleet.

Bring out the best in your printer. Print more high-quality pages than ever before, using specially designed Original HP Toner cartridges with JetIntelligence. Count on the authentic HP quality you paid for—something the competition can’t match.

Enable secure wireless printing in the office—with or without network access—and keep users connected with Ethernet and optional wireless networking. Print with just a touch from mobile devices.¹²

---

**Accessories**

- F2A72A - HP LaserJet 550-sheet Paper Tray
- F2A73A - HP LaserJet Printer Cabinet
- G6W84A - 1GB DDR3 SlimDIMM
- BSL29A - HP Secure High Performance Hard Disk Drive (included in M506dh model)
- F5S62A - HP Trusted Platform Module Accessory
- F2A87A - HP Internal USB Ports for M506, M527
- J9O31A - HP Jetdirect 2900nw Print Server (USB)
- J9O3OA - HP Jetdirect 3000w NFC/Wireless Accessory

**Supplies**

- CF287A - HP 872A Black Original LaserJet Toner Cartridge, 9K yield
- CF287X - HP 872X Black Original LaserJet Toner Cartridge, 18K yield

**Services**

**HP LaserJet Enterprise M506 Series**

UBPK3E - HP 3 year Next Business Day + Defective Media Retention LaserJet M506 Hardware Support
UBPK4E - HP 4 year Next Business Day + Defective Media Retention LaserJet M506 Hardware Support
UBPK5E - HP 5 year Next Business Day + Defective Media Retention LaserJet M506 Hardware Support
UBPK7E - HP 3 year Next Business Day Exchange LaserJet M506 Service
UC742E - HP Network Install Mone Mid-range LaserJet Service

---

¹ Based on HP internal testing of top three leading competitors’ first page out from sleep mode and duplex print speed completed 8/2015. Subject to device settings. Actual results may vary. For details, see hp.com/go/comparetraits. ¹¹ More pages versus predecessor cartridges claim based on page-yield comparison of HP 550 High Yield Black Original LaserJet Toner Cartridges with HP 87X High Yield Black Original LaserJet Toner Cartridges. For more information, see hp.com/go/comparetraits. ¹ Compared with the HP LaserJet Enterprise P3015. ¹² Purchase of optional paper trays required to reach maximum input capacity. ¹³ Based on HP testing using the ENERGY STAR® program’s Typical Electrical Consumption (TEC) method or as reported on energystar.gov versus the top three leading competitors as of 8/2015. Actual results may vary. For details, see hp.com/go/comparetraits. ¹⁴ HP 87X high yield Black Original LaserJet Toner Cartridges not included; please purchase separately. ¹⁵ Some features require additional purchase. Learn more at hp.com/go/ptrsecurity. ¹⁶ HP Web Jetadmin is free and available for download at hp.com/go/webjetadmin. ¹⁷ Some solutions require download or additional purchase. Learn more at hp.com/go/printingsolutions. ¹⁸ Wireless networking requires purchase of the HP Jetdirect 2900nw Print Server. Wireless performance is dependent on physical environment and distance from access point, and may be limited during active Wi-Fi connections. ¹⁹ Wireless Direct printing is standard on the HP LaserJet Enterprise M506x or M527x. Requires purchase of optional HP Jetdirect 3000w NFC/Wireless Direct Accessory for the HP LaserJet Enterprise M506x/dn. Mobile device needs to be connected directly to the Wi-Fi network of a wireless direct-capable MFP or printer prior to printing. Depending on mobile device, an app or driver may also be required. For more information, see hp.com/go/mobileprinting. ²⁰ Touch-to-print capability is standard on the HP LaserJet Enterprise M506x only. Requires purchase of optional HP Jetdirect 3000w NFC/Wireless Direct Accessory for the HP LaserJet Enterprise M506x/dn. Mobile device must support Near Field Communication (NFC)-enabled printing. For more information, see hp.com/go/mobileprinting.
**Product Specifications**

### HP LaserJet Enterprise M506 Series

<table>
<thead>
<tr>
<th>Specification</th>
<th>M506n/43A014A</th>
<th>M506dn/43A015A</th>
<th>M506x/43A016A</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Print speed</strong></td>
<td>Up to 45 ppm black</td>
<td>Up to 45 ppm black</td>
<td>Up to 45 ppm black</td>
</tr>
<tr>
<td><strong>Paper Handling</strong></td>
<td>250-sheet standard tray (XS), 500-sheet standard tray (X), 1,500-sheet standard tray (XXS)</td>
<td>250-sheet standard tray (XS), 500-sheet standard tray (X), 1,500-sheet standard tray (XXS)</td>
<td>250-sheet standard tray (XS), 500-sheet standard tray (X), 1,500-sheet standard tray (XXS)</td>
</tr>
<tr>
<td><strong>Memory</strong></td>
<td>Hi-Speed USB 2.0 port</td>
<td>Hi-Speed USB 2.0 port</td>
<td>Hi-Speed USB 2.0 port</td>
</tr>
<tr>
<td><strong>Print Media</strong></td>
<td>150 to 203 g/m² (6.8 to 7.5 lb)</td>
<td>150 to 203 g/m² (6.8 to 7.5 lb)</td>
<td>150 to 203 g/m² (6.8 to 7.5 lb)</td>
</tr>
<tr>
<td><strong>Print Technology</strong></td>
<td>Laser</td>
<td>Laser</td>
<td>Laser</td>
</tr>
<tr>
<td><strong>Output</strong></td>
<td>Up to 300 sheets standard (XS), Up to 600 sheets standard (X), Up to 1,500 sheets standard (XXS)</td>
<td>Up to 300 sheets standard (XS), Up to 600 sheets standard (X), Up to 1,500 sheets standard (XXS)</td>
<td>Up to 300 sheets standard (XS), Up to 600 sheets standard (X), Up to 1,500 sheets standard (XXS)</td>
</tr>
<tr>
<td><strong>Environmental</strong></td>
<td>59 to 90.5°F; 20% to 80% humidity</td>
<td>59 to 90.5°F; 20% to 80% humidity</td>
<td>59 to 90.5°F; 20% to 80% humidity</td>
</tr>
<tr>
<td><strong>Acoustics</strong></td>
<td>Rated noise level: 55dBA</td>
<td>Rated noise level: 55dBA</td>
<td>Rated noise level: 55dBA</td>
</tr>
<tr>
<td><strong>Network Capabilities</strong></td>
<td>Wi-Fi, Wi-Fi Direct</td>
<td>Wi-Fi, Wi-Fi Direct</td>
<td>Wi-Fi, Wi-Fi Direct</td>
</tr>
<tr>
<td><strong>Software Included</strong></td>
<td>Windows 10, 8.1, 8, 7, 6, 2003, 2000, XP, Server 2003, 2000, NT, Mac OS X 10.3 - 10.11.6, Linux</td>
<td>Windows 10, 8.1, 8, 7, 6, 2003, 2000, XP, Server 2003, 2000, NT, Mac OS X 10.3 - 10.11.6, Linux</td>
<td>Windows 10, 8.1, 8, 7, 6, 2003, 2000, XP, Server 2003, 2000, NT, Mac OS X 10.3 - 10.11.6, Linux</td>
</tr>
</tbody>
</table>

### Summary

The HP LaserJet Enterprise M506 series offers high-speed printing and high-quality output, making it ideal for businesses requiring reliable and efficient printing solutions. With support for a variety of operating systems and network capabilities, these printers are designed to integrate seamlessly into modern office environments. For more detailed information, please refer to the HP LaserJet Enterprise M506 series datasheet available on the HP website.