Competitive tool

HP innovation delivers significant advantages over OKI

HP Color LaserJet Enterprise M750 series vs. OKI Data C831dn

HP Color LaserJet Enterprise M750n/dn/xh

Up to 30 pages per minute (ppm) simplex black-and-white/color (letter), up to 30 images per minute (ipm) black-and-white/color duplex (letter)[1]

Take your business to the next level with the impressive performance, energy-saving features, efficient connectivity, and advanced ease of use the HP Color LaserJet Enterprise M750 series offers over the OKI Data C831dn.[2]

Enable color printing from postcards to posters

Capitalize on the printing potential of a high-capacity workhorse. The HP series lets you print on a broad range of media sizes, including ledger, letter, legal, postcard, SRA3, A3, and A4.

The OKI Data C831dn has smaller standard/maximum input capacities of up to 400/2,100 pages,[2] while the M750 series can handle up to 850/2,350 pages of input[3]—reducing the time spent filling paper trays and allowing you to focus on what matters most. In addition, HP offers more maximum output capacity (400 sheets vs. 250 sheets). HP helps you complete jobs more quickly than OKI with 4 times the standard memory (1,024 MB vs. 256 MB).

The OKI device ships with smaller starter toner cartridges (2,500 pages CMYK) while HP offers significantly more (13,500 pages for black and 15,000 pages for CMY). HP also offers a larger-capacity standard color cartridge than OKI (15,000 pages vs. 10,000 pages), enabling you to keep printing longer before changing the cartridge.[4] The HP device offers media-type sensing which automatically detects the loaded media type and selects the proper print mode for optimal print quality without user intervention. OKI does not offer media-type sensing.[2]

OKI Data C831dn
Up to 35 ppm simplex black-and-white/color (letter)[2]

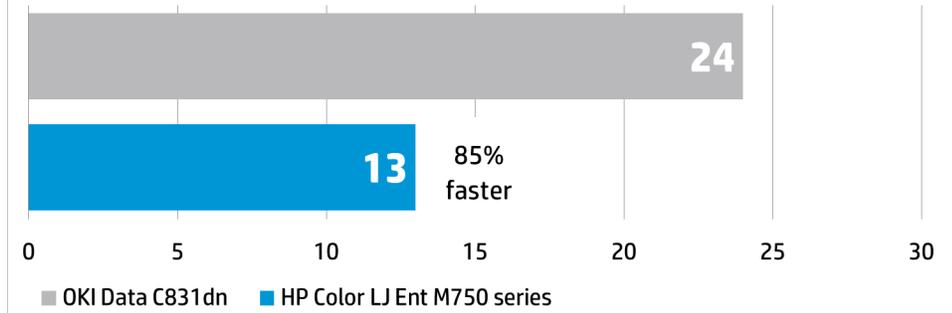| Does the printer offer...[2]	HP	OKI
High standard and maximum input and output paper capacity?	✔	⦸
Walk-up USB printing	✔	⦸
Integrated, higher standard capacity color toner cartridges?	✔	⦸
Automatic media sensing to gauge paper size, type, and thickness?	✔	⦸
No extra cleaning requirements?	✔	⦸

Conserve resources without sacrificing performance

At 13 seconds, HP is 85% faster than the OKI in printing a first page from sleep mode.[5] These extra seconds can add up over time to deliver significant real-world advantages, helping you get more done.

85%

faster than Oki for first page out from sleep mode[5]

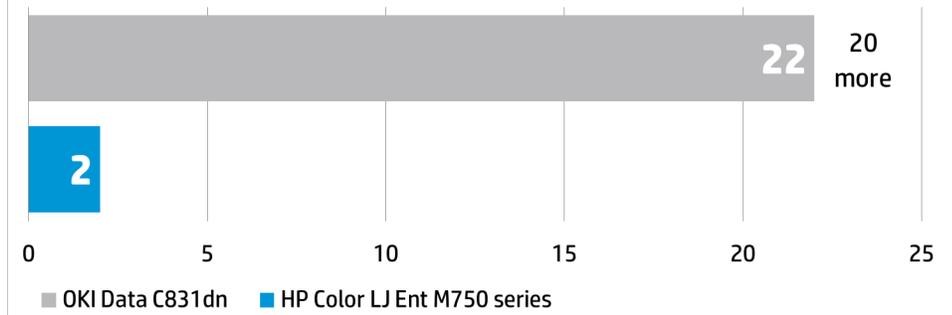### Seconds to first page out from sleep mode after 60 minutes of inactivity[5]

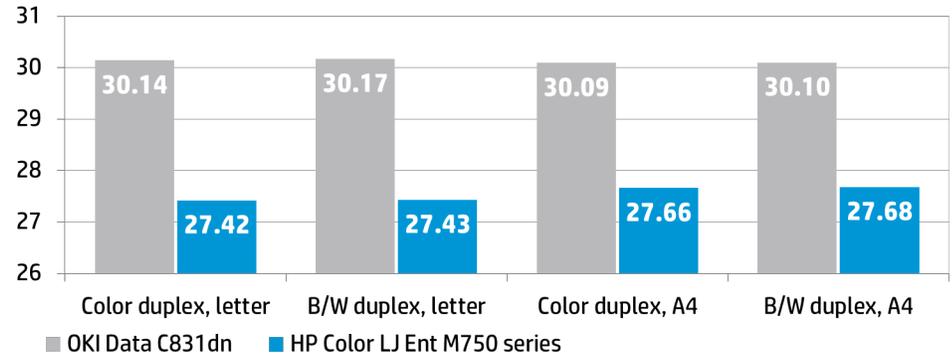|	
OKI Data C831dn	24
HP Color LJ Ent M750 series	13 — 85% faster

The OKI requires a significantly larger number of replacement parts (22), while the HP series only requires 2 replacement components after 150,000 pages.[2]

20

more replacement parts for OKI after 150,000 pages[2]

Replacement components after 150,000 pages [2]

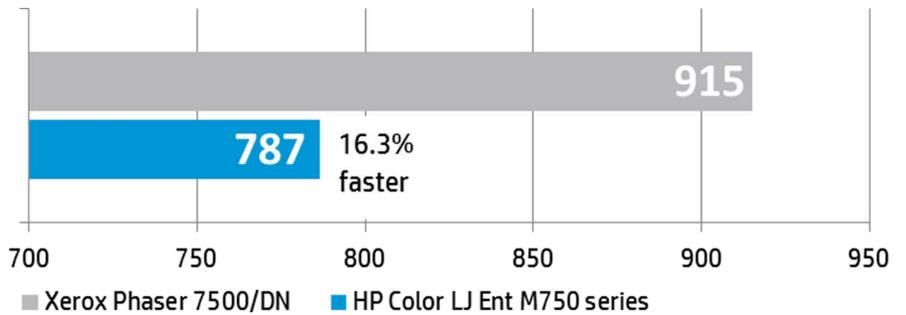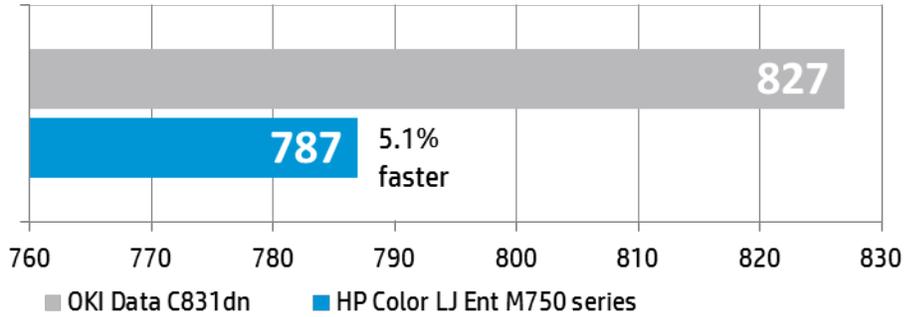|	
OKI Data C831dn	22 — 20 more
HP Color LJ Ent M750 series	2

While the OKI Data C831dn is rated at 35 ppm, it is actually far less efficient than the 30 ppm HP Color LaserJet Enterprise M750 series. ISO testing shows that the HP edges out OKI in duplex printing.[6]

Seconds to complete a duplex print, letter and A4[6]

	Color duplex, letter	B/W duplex, letter	Color duplex, A4	B/W duplex, A4
OKI Data C831dn	30.14	30.17	30.09	30.10
HP Color LJ Ent M750 series	27.42	27.43	27.66	27.68

HP excels over OKI in time to last page (TLP). Each device was tested with 25 print jobs of varying complexity from different applications to determine total print time. The HP Color Laserjet Enterprise M750 series printed 5.1% faster than OKI with both devices set at their default print setting.

Seconds to complete 25 print jobs at default resolution settings[6]

| | 760 | 770 | 780 | 790 | 800 | 810 | 820 | 830 |
OKI Data C831dn: 827
HP Color LJ Ent M750 series: 787 — 5.1% faster

■ OKI Data C831dn ■ HP Color LJ Ent M750 series

| | 700 | 750 | 800 | 850 | 900 | 950 |
Xerox Phaser 7500/DN: 915
HP Color LJ Ent M750 series: 787 — 16.3% faster

■ Xerox Phaser 7500/DN ■ HP Color LJ Ent M750 series

Which printer offers...[2]	HP	OKI
Faster first page out speeds from sleep?[5]	✓	⊘
Fewer replacement parts?[2]	✓	⊘
Faster duplex print speeds?[6]	✓	⊘
Faster time to last page (TLP)?[6]	✓	⊘

Take advantage of first-rate enterprise mobile printing

The HP Color LaserJet Enterprise M750 series offers the option to include HP wireless direct[7] and HP touch-to-print[8] with a USB accessory. Both HP wireless direct and touch-to-print use a secure peer-to-peer connection, allowing users to print without accessing a corporate network. Print files are encrypted, and with a configurable passphrase, you don't have to worry about who is connecting to your office printers. Security and user access settings can be easily set up with HP Web Jetadmin[9] or the embedded web server. OKI does not support wireless direct or touch-to-print with NFC.

HP has been working closely with leading manufacturers of mobile devices to integrate printing into popular operating systems. In fact, HP currently offers the broadest support for embedded print functionality—across Apple® iOS (AirPrint™), Samsung Android™, and Windows® 8, which means in most cases you won't have to download an app. Simply access the print function from the document you want to print, select your printer, and hit Print. For mobile devices without built-in print support, users will first need to download the HP ePrint app or HP ePrint software.[10] For truly comprehensive mobility support even when employees are traveling, a printer can always be close at hand at over 30,000 locations worldwide with HP ePrint public print locations.[11] OKI relies on third-party solutions to provide limited mobile print support with no support for embedded print functionality or public print.

Do the printer's mobile printing functions include...[2]	HP	OKI
The ability to print from a mobile device without accessing the corporate network?	✓	⊘
A solution for printing from any Internet- or email-capable device simply by forwarding an email to the printer?	✓	⊘
Support for mobile OS embedded print technologies for easy printing without downloading a print app?	✓	⊘
Public print locations worldwide for secure printing on the go?	✓	⊘

Rely on exceptional fleet management and extensibility

Save time and money

Whether planning for business growth or adding another device to the fleet, HP has you covered with outstanding manageability and extensibility features using HP Web Jetadmin[9] and the HP Universal Print Driver[12] that help reduce costs and streamline your workflow.

HP Web Jetadmin[9] is the most comprehensive fleet management tool among tested competitors. It is a single solution that allows you to efficiently manage a wide variety of networked and PC-connected devices—ultimately increasing business productivity by helping you save time, control costs, protect your assets, and provide better return on your investment.

The HP Universal Print Driver[12] for Windows provides an opportunity to slash driver certification, management, and support costs. The UPD now supports end to-end encrypted printing, so you can help keep sensitive information private. It's also localized in more than 30 languages.

For comprehensive management of color usage, you can use HP Color Access Control with HP Web Jetadmin[9] and the HP Universal Print Driver.[12] Organizations can control color use and set color quantity limits by user and user group. HP is one of the few vendors that give administrators the power to lock out color use by application.

Work with the future in mind

HP FutureSmart firmware lets you upgrade your printer on your schedule, whenever solutions advance. This provides investment protection because you can update to new features, such as workflow and security enhancements, without having to purchase new hardware. HP FutureSmart also helps reduce the time and cost to train new users. A consistent user interface and menu design across all HP FutureSmart devices—including the HP Color LaserJet Enterprise M750 series—makes the user experience intuitive and familiar. To learn more about HP's FutureSmart firmware, visit hp.com/go/futuresmart.

Be ready for the new—now

The HP device is designed to be compatible with emerging solutions, so you can upgrade and increase capabilities as needed. HP's cost-effective solution for hardware upgrades—the hardware integration pocket—allows you to integrate security solutions, such as card and badge readers.[13] And HP's Open Extensibility Platform (OXP) creates a unified environment for software solutions that run on your HP LaserJet devices—providing sound investment protection, consistency for end users, and easier management. These HP innovations can help your device remain state-of-the-art long into the future.

Depend on legendary HP reliability

HP products incorporate the latest innovations that simplify the user experience, offer energy-saving designs, and produce professional-quality documents. An HP fleet can offer sound investment protection that can help benefit your bottom line.

With large monthly duty cycles, HP LaserJet printers and MFPs are built to keep intervention rates low so you can stay productive. Prior to its introduction, a new HP LaserJet device undergoes rigorous HP testing. Tests are performed with a large sample of devices through each step of the design process, to be certain that the device measures up to HP standards. The result is a solid, reliable product that produces excellent output quality over the life of the device and its supplies.

Gain the advantage with HP

Drive business growth with fast print speeds,[1] energy efficiency, user-friendly features like a 4-line color display, superior fleet management tools, more flexible mobile printing options, greater extensibility, and robust printing capabilities on a variety of media from postcards to posters—only on the HP device.

Notes

[1] Measured using ISO/IEC 24734, excludes first set of test documents. For more information see hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.

[2] Based on the manufacturer's published product specifications.

[3] Optional 500-sheet paper tray and 3x500-sheet paper feeder and stand are sold separately for the M750n and M750dn models; only one optional input accessory may be added. The M750xh model includes the 3x500-sheet paper feeder and stand standard.

[4] 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 hp.com/go/learnaboutsupplies.

[5] First page out times from energy-saving mode based on HP internal testing after devices sat in sleep for 60 minutes or per manufacturer's specification sheet.

[6] Based on HP internal testing in December 2013.

[7] Wireless direct printing is an option on the HP Color LaserJet Enterprise M750 series using a USB accessory. Mobile device may require an app or driver. Wireless performance is dependent on physical environment and distance from the printer. For details, see hp.com/go/wirelessprinting.

[8] Touch-to-print capability is an option on the HP Color LaserJet Enterprise M750 series using a USB accessory. Mobile device must support near field communications-enabled printing. For a list of supported devices, see hp.com/go/businessmobileprinting.

[9] HP Web Jetadmin is free and available for download at hp.com/go/webjetadmin.

[10] Please note that while your mobile device is directly connected to the printer, access to content that requires Internet support (such as web pages or documents stored in the cloud) may not be supported while in HP wireless direct mode. Local printing requires mobile device and printer to be on the same network or have a direct wireless connection to printer. Wireless performance is dependent upon physical environment and distance from access point. Wireless operations are compatible with 2.4 GHz operations only. Remote printing requires an internet connection to an HP web-connected printer. App or software and HP ePrint account registration may also be required. Wireless broadband use requires separately purchased service contract for mobile devices. Check with service provider for coverage and availability in your area.
See hp.com/go/businessmobileprinting for more details.

[11] Supports OS X® Lion, OS X Mountain Lion, and the following devices running iOS 4.2 or later: iPad® (all models), iPhone® (3GS or later), and iPod touch® (third generation or later). Works with HP's AirPrint-enabled printers and requires the printer be connected to the same network as your OS X or iOS device. Wireless performance is dependent on physical environment and distance from the access point. OS X, iPad, iPhone, and iPod touch are trademarks of Apple® Inc., registered in the United States and other countries. AirPrint™ and the AirPrint logo are trademarks of Apple Inc.

[12] The HP Universal Print Driver is free and available for download at hp.com/go/upd.

[13] Solutions deployed through the hardware integration pocket may require additional purchase.

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