

HP PageWide Enterprise Color MFP 586 claims summary



HP PageWide Technology delivers the fastest speeds and deepest security for lowest total cost of ownership in its class.

The information below is provided to show the substantiation methodology for these and other PageWide claims for the HP PageWide Enterprise Color MFP 586.

Lowest total cost of ownership (TCO) in its class

Total cost of ownership Enterprise comparison based on 150,000 pages, manufacturers' published specifications for page yields and energy use, manufacturers' recommended street prices for HP hardware and supplies, average street prices for competitive devices, cost per page based on ISO yield with continuous printing in default mode with highest-available-capacity cartridges, and long-life consumables of all color business A4 printers €1,000-€3,000 Euros or \$1,000-\$3,000 USD as of November 2015, excluding products with 1% or lower market share using market share as reported by IDC as of Q3 2015. All costs displayed are estimates based on the criteria set out above. Distributors, resellers and retailers are free to set their own prices. Actual prices may vary. Learn more at hp.com/go/pagewidebusiness and hp.com/go/learnaboutsupplies.

| Device | TCO |
|--|-------------|
| Average TCO based on Transactional sale in European region | |
| HP PageWide MFP 586 Transactional sale | € 5,168.21 |
| LEXMARK CX510DE | € 10,381.82 |
| LEXMARK CX510DHE | € 10,139.08 |
| LEXMARK CX510DTHE | € 9,845.55 |
| LEXMARK X748DE | € 9,700.99 |
| LEXMARK X748DTE | € 9,073.69 |
| BROTHER MFC-L9550CDWT | € 9,175.60 |
| Kyocera ECOSYS M6535CIDN | € 7,123.81 |
| OKI MC760DNFAX | € 10,141.73 |
| OKI MC760DN | € 10,482.66 |
| Xerox Workcentre 6655 | € 9,237.00 |
| Brother MFC-L9550CDW | € 9,240.00 |

| Device | TCO |
|---|--------------|
| Average TCO based on Transactional sale in North America region | |
| HP PageWide MFP 586 Transactional sale | \$ 5,764.00 |
| LEXMARK CX510DE | \$ 9,957.50 |
| LEXMARK CX510DHE | \$ 9,953.19 |
| LEXMARK CX510DTHE | \$ 10,118.07 |
| LEXMARK X748DE | \$ 10,660.93 |
| DELL C3765DNF | \$ 8,096.62 |
| BROTHER MFC-L9550CDW | \$ 6,398.93 |
| OKI MC770 | \$ 7,547.31 |
| Canon Imageclass MF9280cdn | \$ 10,185.00 |
| Xerox Colorqube 8700 | \$ 12,492.00 |
| Xerox Workcentre 6655 | \$ 12,979.00 |
| Average TCO based on Contractual sale in European region | |
| HP PageWide MFP 586 Contractual sale | € 5,645.25 |
| Canon imageRUNNER C1325iF | € 6,208.75 |
| Konica Minolta bizhub C3110 | € 11,179.76 |
| Konica Minolta bizhub C3350 | € 8,856.51 |
| Kyocera TASKalfa 266ci | € 6,433.72 |
| Oki Data ES5462dnw MFP | € 7,608.12 |
| Ricoh Aficio MP C305SP | € 5,877.53 |
| Ricoh Aficio MP C305SPF | € 9,774.11 |
| Toshiba E-Studio 287CS | € 6,326.00 |
| Average TCO based on Contractual sale in North America region | |
| HP PageWide MFP 586 Contractual sale | \$ 6,296.03 |
| Canon imageRUNNER ADVANCE C250iF | \$ 8,537.37 |
| Konica Minolta bizhub C3110 | \$ 10,516.47 |
| Toshiba e-STUDIO287CS | \$ 8,528.00 |

* Transactional sales refers to devices that are purchased outright. Contractual sales refers to devices on contract. Learn more at hp.com/go/learnaboutsupplies.

Deepest security features

Only HP Enterprise-class devices with FutureSmart offer a combination of security features for integrity checking down to the BIOS with self-healing capabilities. A FutureSmart service pack update may be required to activate security features. Learn more at hp.com/go/printersthatprotect and hp.com/go/printersecurityclaims.

Best-in-class print speeds

Comparison of Enterprise devices based on manufacturers' published specifications of fastest available color mode of color business A4 MFPs €1,000-€3,000 Euros or \$1,000-\$3,000 USD as of November 2015, excluding other HP PageWide products, and products with 1% or lower market share using market share as reported by IDC as of Q3 2015. HP PageWide speeds based on General Office mode and exclude first page.

Leading Pages Per Minute in-class device speeds vendor comparison:

| Brand | Model Name | A4 Fastest Color Speed | A4 Fastest Black and White Speed |
|----------------|---|------------------------|----------------------------------|
| HP | PageWide Enterprise Color MFP 586 | 75 | 75 |
| SAMSUNG | CLX-8650ND | 48 | 48 |
| XEROX | COLORQUBE 8700 | 44 | 44 |
| XEROX | COLORQUBE 8900 | 44 | 44 |
| OKI | ES7480DFN | 40 | 40 |
| OKI | ES7480DN | 40 | 40 |
| OKI | MC780 | 40 | 40 |
| OKI | MC780DFN | 40 | 40 |
| RICOH GROUP | AFICIO MP C401SP | 40 | 40 |
| RICOH GROUP | MP C401SP | 40 | 40 |
| RICOH GROUP | MP C401ZSP | 40 | 40 |
| TOSHIBA | E-STUDIO 407CS | 40 | 40 |
| KONICA MINOLTA | BIZHUB C3850 | 38 | 38 |
| CANON | IMAGERUNNER ADVANCE C350I | 35 | 35 |
| CANON | IMAGERUNNER ADVANCE C350IF | 35 | 35 |
| CANON | IMAGERUNNER ADVANCE C351IF | 35 | 35 |
| CANON | IMAGERUNNER C1335IF | 35 | 35 |
| DELL | C3765DNF | 35 | 35 |
| KYOCERA MITA | ECOSYS M6035CIDN | 35 | 35 |
| KYOCERA MITA | ECOSYS M6535CIDN | 35 | 35 |
| XEROX | DOCUPRINT CM405DF | 35 | 35 |
| XEROX | DOCUPRINT CM415 AP | 35 | 35 |
| XEROX | WORKCENTRE 6605 | 35 | 35 |
| XEROX | WORKCENTRE 6605DN | 35 | 35 |
| XEROX | WORKCENTRE 6605DN | 35 | 35 |
| XEROX | WORKCENTRE 6605N | 35 | 35 |
| XEROX | WORKCENTRE 6655 | 35 | 35 |
| OKI | ES7470 | 34 | 36 |
| OKI | ES7470DN MFP | 34 | 36 |
| OKI | MC770 | 34 | 36 |
| KONICA MINOLTA | BIZHUB C3350 | 33 | 33 |
| LEXMARK | X738DTE | 33 | 33 |

Leading Pages Per Minute in-class device speeds vendor comparison:

| Brand | Model Name | A4 Fastest Color Speed | A4 Fastest Black and White Speed |
|----------------|-------------------|------------------------|----------------------------------|
| LEXMARK | X746DE | 33 | 33 |
| LEXMARK | X748DE | 33 | 33 |
| LEXMARK | X748DTE | 33 | 33 |
| TOSHIBA | E-STUDIO 347CSL | 33 | 35 |
| KONICA MINOLTA | BIZHUB C3110 | 31 | 31 |
| BROTHER | MFC-L9550CDW | 30 | 30 |
| BROTHER | MFC-L8850CDW | 30 | 30 |
| BROTHER | MFC-L9550CDW | 30 | 30 |
| BROTHER | MFC-L9550CDWT | 30 | 30 |
| KONICA MINOLTA | BIZHUB C35 | 30 | 30 |
| KYOCERA MITA | ECOSYS M6030CDN | 30 | 30 |
| KYOCERA MITA | ECOSYS M6530CDN | 30 | 30 |
| LEXMARK | CX410DE | 30 | 30 |
| LEXMARK | CX510DE | 30 | 30 |
| LEXMARK | CX510DHE | 30 | 30 |
| LEXMARK | CX510DTHE | 30 | 30 |
| RICOH GROUP | AFICIO MP C300 | 30 | 30 |
| RICOH GROUP | AFICIO MP C305SP | 30 | 30 |
| RICOH GROUP | AFICIO MP C305SPF | 30 | 30 |
| RICOH GROUP | C403 | 30 | 30 |
| RICOH GROUP | MP C305SP | 30 | 30 |
| RICOH GROUP | MP C305SPF | 30 | 30 |
| RICOH GROUP | MP C306Z SP | 30 | 30 |
| RICOH GROUP | MP C306Z SPF | 30 | 30 |
| SHARP | MX-C300F | 30 | 30 |
| SHARP | MX-C300W | 30 | 30 |
| SHARP | MX-C301W | 30 | 30 |
| XEROX | PHASER 8560MFP | 30 | 30 |
| BROTHER | DCP-L8400CDN | 28 | 28 |
| BROTHER | MFC-9970CDW | 28 | 28 |
| BROTHER | MFC-L8650CDW | 28 | 28 |
| OKI | ES7460 MFP | 28 | 28 |
| OKI | MC760 | 28 | 28 |
| OKI | MC760DN | 28 | 28 |
| OKI | MC760DNFAX | 28 | 28 |
| TOSHIBA | E-STUDIO 287CS | 28 | 28 |

Leading Pages Per Minute in-class device speeds vendor comparison:

| Brand | Model Name | A4 Fastest Color Speed | A4 Fastest Black and White Speed |
|----------------|----------------------------|------------------------|----------------------------------|
| KYOCERA MITA | ECOSYS M6026CIDN | 26 | 26 |
| KYOCERA MITA | ECOSYS M6526CDN | 26 | 26 |
| KYOCERA MITA | ECOSYS M6526CIDN | 26 | 26 |
| KYOCERA MITA | FS-C2026MFP+ | 26 | 26 |
| KYOCERA MITA | FS-C2126MFP+ | 26 | 26 |
| KYOCERA MITA | FS-C2526MFP | 26 | 26 |
| KYOCERA MITA | TASKALFA 266CI | 26 | 26 |
| OKI | ES5462DNW MFP | 26 | 30 |
| OKI | MC562W | 26 | 30 |
| SAMSUNG | SL-C2680FX | 26 | 26 |
| CANON | IMAGECLASS MF810CDN | 25 | 25 |
| CANON | IMAGERUNNER ADVANCE C250I | 25 | 25 |
| CANON | IMAGERUNNER ADVANCE C250IF | 25 | 25 |
| CANON | IMAGERUNNER C1325IF | 25 | 25 |
| SHARP | MX-C250 | 25 | 25 |
| BROTHER | DCP-9055CDN | 24 | 24 |
| BROTHER | MFC-9465CDN | 24 | 24 |
| EPSON | ACULASER CX37DNF | 24 | 24 |
| KONICA MINOLTA | BIZHUB C25 | 24 | 24 |
| SAMSUNG | CLX-6260FR | 24 | 24 |
| SAMSUNG | CLX-6260FW | 24 | 24 |
| SAMSUNG | CLX-6260ND | 24 | 24 |
| LEXMARK | X544N | 23 | 23 |
| OKI | ES3452 MFP | 22 | 24 |
| CANON | IMAGECLASS MF9220CDN | 21 | 21 |
| CANON | IMAGECLASS MF9280CDN | 21 | 21 |
| CANON | IMAGERUNNER C1028 | 21 | 28 |
| CANON | IMAGERUNNER C1028I | 21 | 28 |
| CANON | IMAGERUNNER C1028IF | 21 | 28 |
| CANON | IMAGERUNNER C1030 | 21 | 29 |
| CANON | I-SENSYS MF9280CDN | 21 | 21 |
| CANON | IMAGECLASS MF8550CDN | 20 | 20 |
| CANON | IMAGECLASS MF8580CDW | 20 | 20 |
| LENOVO | CF2090DWA | 20 | 20 |
| RICOH GROUP | AFICIO SP C252SF | 20 | 20 |

Leading Pages Per Minute in-class device speeds vendor comparison:

| Brand | Model Name | A4 Fastest Color Speed | A4 Fastest Black and White Speed |
|---------|----------------|------------------------|----------------------------------|
| XEROX | PHASER 6180MFP | 20 | 31 |
| SAMSUNG | CLX-4195FN | 18 | 18 |

Learn more at hp.com/go/printerspeeds.

ColorLok® papers

Based on internal HP testing of Original HP pigment inks on ColorLok® papers.

Durability

Water, smear, fade, and highlighter resistance based on ISO 11798 and internal HP testing. For details, see hp.com/go/printpermanence.

Extra-high-yield cartridges (yield/value/comparison)

Yield based on ISO 24711 cartridge yields for HP 981Y Extra High Yield Original PageWide Cartridges, which are not included in printer purchase; purchase separately. Comparison based on ISO 24711 cartridge yields for HP 981Y Extra High Yield Original PageWide Cartridges compared with HP 981 series Original PageWide Cartridges. Learn more at hp.com/go/learnaboutsupplies.

High yield cartridges

Based on ISO 24711 cartridge yields for HP 981 series High Yield Original PageWide Cartridges compared with HP 981 series Original PageWide Cartridges. Learn more at hp.com/go/learnaboutsupplies.

Less maintenance than lasers

Less scheduled maintenance based on 150,000 pages printed, and published comparisons of majority of in-class color laser printers and A4 MFPs €1,000–€3,000 Euros or \$1,000–\$3,000 USD as of November 2015; market share as reported by IDC as of Q3 2015.

Example of long-life consumables that may be required:

| Model Name | Long-life consumables |
|--|--|
| HP PageWide Enterprise Color 586 | Ink Collection for PageWide devices: 1 unit |
| Types of long-life consumables required by most laser-class devices. Quantities/types vary by brand and model: | <ul style="list-style-type: none"> • Toner collection unit • Fuser maintenance kits • Drum units • Transfer maintenance kits • Waste container • Transfer belt unit • Transfer roller • Cleaning units • Fuser • Developer |

Ethernet and wireless

Wireless networking requires purchase of the HP Jetdirect 2900nw Print Server. Wireless performance is dependent on physical environment and distance from access point, and it may be limited during active VPN connections.

Scan-to functions

Scan speeds for 586z are up to 70 images per minute (ipm) for A4 paper size; up to 74 ipm for letter size. Scan speeds for 586dn/586f are up to 44 ipm for A4 size; up to 46 ipm for letter size. Scan-to functions require an Internet connection to the printer. Services may require registration. App availability varies by country, language, and agreements. Learn more at hpconnected.com.

Fast FPOT from ready

Measured using ISO/IEC 17629. Exact speed varies depending on the system configuration, software application, driver, and document complexity. Learn more at hp.com/go/printerclaims.

Touch-to-print

Requires purchase of optional HP Jetdirect 3000w NFC/Wireless Direct Accessory. Mobile device must support Near Field Communication (NFC)-enabled printing. For more information, see hp.com/go/businessmobileprinting.

Wireless direct

Requires purchase of optional HP Jetdirect 3000w NFC/Wireless Direct Accessory. 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. Wireless performance is dependent on physical environment and distance from the access point in the MFP or printer. For details, see hp.com/go/businessmobileprinting.

OCR

Embedded OCR is intended for occasional use. For high-volume OCR usage, consider optional server-based HP Digital Sending Software.

200+ security settings

Some features require additional purchase. A FutureSmart service pack update may be required to activate security features. Learn more at hp.com/go/printsecurity.

HP Web JetAdmin

HP Web Jetadmin is available for download at no additional charge at hp.com/go/webjetadmin.

HP JetAdvantage On Demand

HP JetAdvantage On Demand is a web-based application that requires Internet access. Supported browsers include Microsoft® Internet Explorer® 9-11, Google Chrome™ 9 and newer, Mozilla® Firefox® 4 and newer, and Safari® 5 and newer. Compatible with select HP LaserJet, OfficeJet Pro, and Digital Sender Flow devices that can connect to the Internet. May require a firmware upgrade. For more information, see hpjetadvantage.com.

HP JetAdvantage Security Manager

Requires separate purchase. For details, see hp.com/go/securitymanager.

Hardware Integration Pocket

Solutions deployed through the Hardware Integration Pocket (HIP) may require additional purchase.

Energy efficiency claims

Less energy use than in-class lasers

Best in class energy efficiency

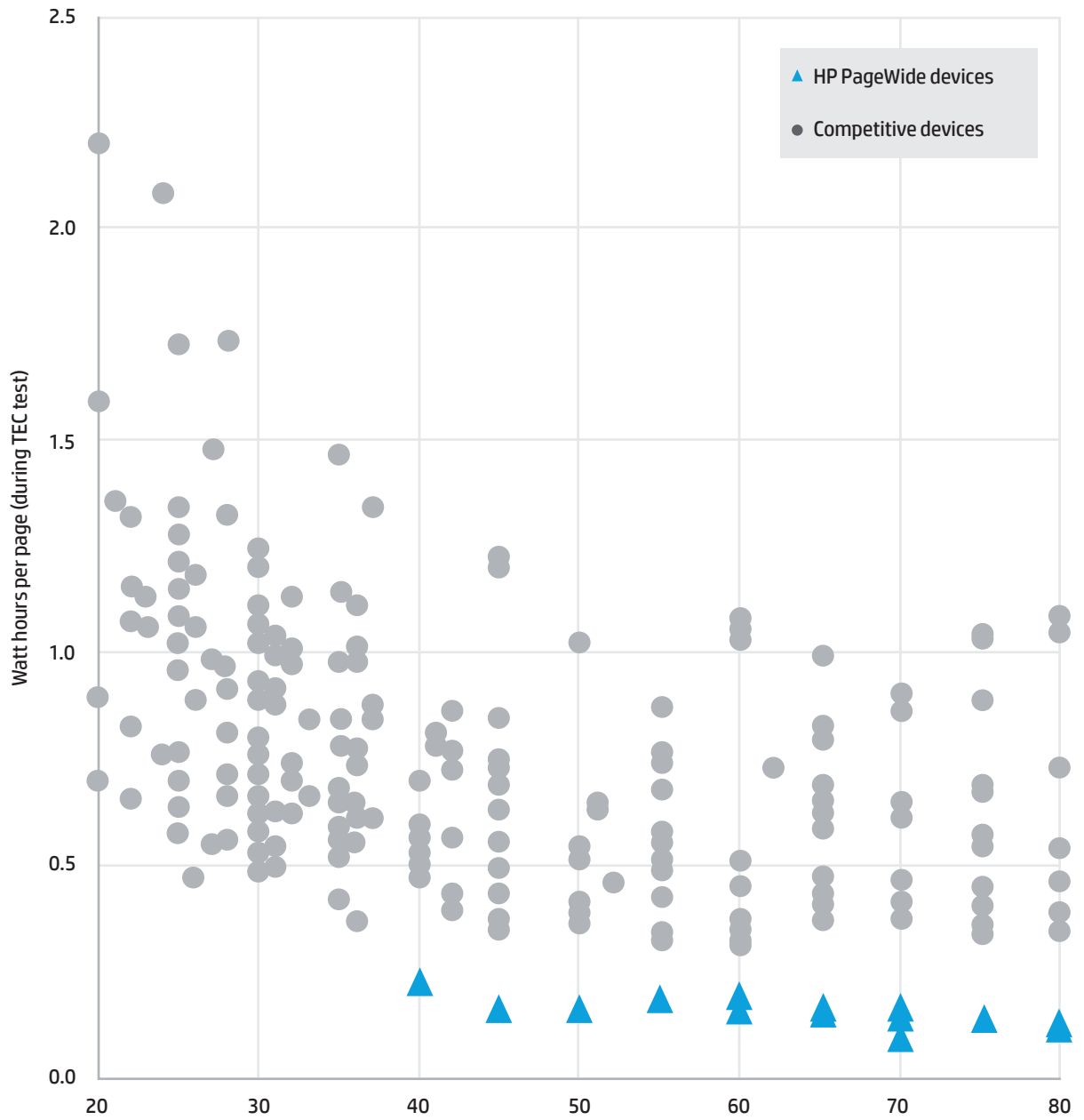
Energy claim based on all TEC data reported on energystar.gov as of February 2018. Data normalized to determine energy efficiency of in-class color laser printers with published speeds of 20 to 80 ppm. Subject to device settings. Actual results may vary.

Typical Electricity Consumption (TEC) on a per-page basis

With the TEC measurement, it is difficult to compare the energy consumption of similar products that have differing speeds. As an example, a vendor may have an identical printer model where one is specified to operate at 25 pages per minute (ppm) and the other at 28 ppm. As per the Energy Star® test method the faster printer will inherently have a higher TEC since it has to print more pages. In this example, the 25 ppm printer is based on printing 1,500 pages per week while the 28 ppm printer is based on 1,960 pages per week.

For the basis of our claims, TEC is normalized to show the approximate amount of energy used per page to simplify the comparison of products with different speeds. The following chart is a graphical representation of energy efficiency of PageWide products vs. in-class laser printers. [Click here](#) for a list of the comparative TEC normalized specifications for multifunction products.

Figure 1. Product comparison: Normalized TEC, color multifunction devices (from ENERGY STAR Database, February 2018)



Sign up for updates
hp.com/go/getupdated


Share with colleagues

