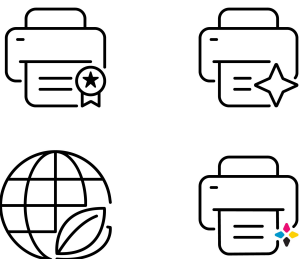# HP 145 LaserJet Toner Cartridges
(W1450A, W1450X)

Easy-to-manage Original HP Toner Cartridges deliver professional-quality prints for office productivity in small and medium businesses.

HP Original LaserJet Toner Cartridges with Jet Intelligence produce high-quality business documents. Maintain productivity with easy-to-manage cartridges offered in two sizes[1] designed with the environment[2,3,4] and security[5,6] in mind.

Stay productive with reliable cartridges

Help keep your business moving forward. Trust HP Original Toner Cartridges for consistent, cost-efficient, uninterrupted printing. Replace toner and imaging drum together with the convenience of Original HP All-in-One Toner Cartridges.

The choice you can trust—help avoid frustrating reprints, wasted supplies, and service calls.

Print over two times more pages than standard cartridges using optional high-yield toner cartridges.[1]

HP page maximizer technology manages efficient toner use and cartridge performance.

Plan ahead—use HP Web Jetadmin to track toner usage and receive regular supplies updates.[7]

Print high-quality documents every page

Only Original HP Toner Cartridges with JetIntelligence are specially engineered for high speed, low-energy performance—without sacrificing the quality you depend on to look professional.

Print crisp black text and professional-quality graphics with HP EcoSmart black toner.[1]

Count on consistent results—from page to page and cartridge to cartridge.

At every step, security is built-in with tamper-resistant chips, firmware, and packaging.[5]

Help manage the cartridges used across your fleet for consistent quality prints, and decrease help desk calls.

Designed with the environment in mind

Original HP Toner Cartridges are designed with the environment[2,3] and indoor air quality[4] in mind, and for security with tamper-resistant chips,[5] firmware, and packaging.[6] Plus, save energy when printing with HP EcoSmart black toner.[8]

Use an average of 20% less energy when printing with Original HP EcoSmart black toner.[1]

82% of total packaging weight is recycled content.[3]

Easily recycle your Original HP Toner Cartridges at no extra charge with HP Planet Partners.[2]

HP voluntarily designs and tests its printing systems [7] to meet Blue Angel eco-label emission guidelines.

Manage your printing with time-saving solutions

Track cartridge use with HP print gauge technology in Original HP Toner Cartridges. Automatic seal removal makes installation quick and easy and save time with the all-in-one cartridge design. And, try HP Instant Ink for laser.[9]

Print gauge technology intelligently tracks toner levels, so you know when the toner is running low.

Quickly replace your cartridges with auto seal removal and easy-open packaging.

Try convenient HP Instant Ink for laser. It's a hassle-free smart subscription program.[9]

Compatibility statement

HP LaserJet Pro 3003dnr/dw, MFP 3103fdn/fdw.

Product specifications

P/N	Description	Average cartridge yield *	Dimensions (l x w x d)	Weight	UPC code
W1450A	HP 145A Black Original LaserJet Toner Cartridge	Average cartridge yields 1,700 standard pages. Declared yield value in accordance with ISO/IEC 19752.	364 x 109 x 136 mm	~0.76 kg	194850740978
W1450X	HP 145X High Yield Black Original LaserJet Toner Cartridge	Average cartridge yields 3,800 standard pages. Declared yield value in accordance with ISO/IEC 19752.	364 x 109 x 136 mm	~0.86 kg	194850740985

*Approximate average yield based on ISO/IEC 19752. Actual yield varies considerably based on content of printed pages and other factors. For details see http://www.hp.com/go/learnaboutsupplies.

[1] High-yield cartridges are not included in printer purchase; purchase separately. HP 139X High-Yield Original LaserJet Toner Cartridge compared to HP 139A Original LaserJet Toner Cartridges. Learn more at www.hp.com/go/learnaboutsupplies .
[2] HP Planet Partners Program availability varies. For more information, visit http://hp.com/hprecycle .
[3] HP calculations of recycled material in cartridge packaging based on weight, varies in each market.
[4] An HP printing system consists of HP printer, HP Paper and Original HP supply. Blue Angel DE-UZ 219 emissions criteria or earlier versions applicable when printing system launched.
[5] Refer to your device data sheet and HP Web Jetadmin supported feature list for details.
[6] See ISO/IEC 20243:2018 Open Trusted Technology Provider™ Standard Certification Register www.certification.opengroup.org/register/ottps-certification & keypointintelligence.com/HPCartridgeISO20243 .
[7] Refer to your device data sheet and HP Web Jetadmin supported feature list for details.
[8] HP calculations based on Energy Star® normalized TEC data comparing the HP LaserJet 200-500 series with predecessor printing systems not using HP EcoSmart. See www.hp.com/ecosmart .
[9] See www.hpinstantink.com .

For more information about HP Supplies, visit http://www.hp.com