



Product guide

# HP LaserJet Enterprise 5500 Monochrome Printers Series

## The powerful A4 enterprise printer for small teams

Built to simplify document workflows and handle high-volume printing with blazing-fast speeds and customizable features. It integrates effortlessly with your existing fleet, is future-ready with upgradable solutions, and is the world's most secure to protect your data.<sup>3</sup>



Get the power to be more productive



Simplify work with automated workflows



The world's most secure printing technology<sup>3</sup>



Save energy and help reduce waste



# Secure. Scalable. Smart. Printing that evolves with your business.

Revolutionize document workflows with the ultimate A4 enterprise black-and-white MFPs and printers. Built for effortless integration, automated operation, and simplified management.

## 1. **The power to be more productive**

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Maximize productivity with fast printer wake-up and speeds, tailor your workflows with customizable printer and software configurations, and keep your fleet future-ready with FutureSmart firmware upgrades.<sup>1,2</sup>

## 2. **Simplify work with automated workflows**

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Work smarter wherever you are in your digital transformation. Choose the perfect fit, on-prem or cloud, and seamlessly integrate your device into existing fleets and workflows with compatibility built for your environment.

## 3. **Protect your business**

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HP Wolf Enterprise Security is the world's most secure printing technology, seamlessly integrating protection into every aspect of your business. Work and grow with confidence, keeping your data, workflows, and business safe from evolving threats.<sup>3</sup>

## 4. **Save energy and help reduce waste**

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Help reduce waste and minimize your footprint through eco-labels, energy-efficient designs,<sup>4</sup> and TerraJet Cartridges made from recycled plastic.<sup>5</sup> All backed by an industry-leading recycling program.<sup>6</sup>

# Get the power to be more productive



Save time with fast printer wake-up and print speeds up to 52 ppm<sup>1</sup> to power through your tasks.



Stay ahead with FutureSmart firmware updates, keeping your fleet always up to date.<sup>2</sup>



Customize workflows your way with printer and software configurations for your unique needs.

# Simplify work with automated workflows



## HP Workpath and HP Open Extensibility Platform

Wherever you are in your digital transformation, find the perfect fit—on-premises or cloud-based print solutions, tailored to your needs.



## Fleet management

Easily integrate your device into your fleet and workflows with seamless compatibility.

# Protect your business with the most secure printers<sup>3</sup>



Keep your work always protected—HP Wolf silently detects and recover your printer from cyberattacks.<sup>3</sup>



Simplify compliance—HP Security Manager enforces policies and monitors your fleet, so you're always audit-ready, effortlessly.<sup>7</sup>



Grant access only to verified users and devices with HP's Zero Trust Print Architecture ensuring your users and network stays secure from evolving cyber threats.<sup>8</sup>



Get peace of mind with future-ready security for your network with the world's first printers to protect against quantum computer attacks.<sup>9</sup>

# Save energy and help reduce waste



Reduce costs and environmental impact with printers and toner cartridges that use less energy.<sup>10</sup>



Meet the rigorous criteria of EPEAT Gold, Energy Star, and Blue Angel with our energy-efficient designs.<sup>4</sup>



Help reduce plastic waste with TerraJet Toner Cartridges designed with recycled plastics.<sup>5</sup>



Easily recycle your used HP TerraJet Toner Cartridges for free through the HP Planet Partners Program.<sup>6</sup>

# Exceptional performance, thoughtfully designed

The next generation of HP Toner and Cartridge technology, HP TerraJet Toner Cartridges and packaging are designed for efficient toner use with less waste,<sup>12</sup> outstanding quality printing, and built-in security.<sup>13,14</sup>

- Original HP TerraJet Toner Cartridges and packaging are designed with less plastic and uses less energy when printing.<sup>10,15,16</sup>
- Original HP TerraJet Toner, the next generation of toner, features efficient toner use<sup>11</sup> and outstanding quality printing with improved performance. Experience uniform clear, sharp black text and rich tones with accurate contrast and shading.
- HP takes security seriously. Original HP TerraJet Toner Cartridges are designed for security with tamper-resistant chips, firmware and packaging.<sup>12</sup>



# HP LaserJet Enterprise 5501n Walkaround

2.7-inch color non-touch display (6.8cm)



250-sheet output bin supports media sizes up to Legal (8.5x14 inch)

Hardware Integration Pocket (for connecting accessories and third-party devices)<sup>1</sup>

100-sheet multipurpose tray 1 supports media sizes up to Legal (8.5x14 inch)

550-sheet tray 2 supports media sizes up to Legal (8.5x14 inch)

Gigabit Ethernet Port

Rear Hi-Speed USB 2.0 host port

Rear Hi-Speed USB 2.0 device port

# HP LaserJet Enterprise 5501dn Walkaround

2.7-inch color non-touch display (6.8cm)



250-sheet output bin supports media sizes up to Legal (8.5x14 inch)

Hardware Integration Pocket (for connecting accessories and third-party devices)<sup>1</sup>

Automatic 2-sided printing

100-sheet multipurpose tray 1 supports media sizes up to Legal (8.5x14 inch)

550-sheet tray 2 supports media sizes up to Legal (8.5x14 inch)

Gigabit Ethernet Port

Rear Hi-Speed USB 2.0 host port

Rear Hi-Speed USB 2.0 device port

# HP LaserJet Enterprise 5502dn Walkaround

4.3-inch color touchscreen display (10.9cm)



Hardware Integration Pocket (for connecting accessories and third-party devices)<sup>1</sup>

Automatic 2-sided printing

100-sheet multipurpose tray 1 supports media sizes up to Legal (8.5x14 inch)

550-sheet tray 2 supports media sizes up to Legal (8.5x14 inch)

Gigabit Ethernet Port

Rear Super Speed USB 3.0 host port

Front Hi-Speed USB 2.0 host port

Rear Super Speed USB 3.0 device port

# HP LaserJet Enterprise 5500 Series comparison



Model	HP LaserJet Enterprise 5501n	HP LaserJet Enterprise 5501dn	HP LaserJet Enterprise 5502dn
Product Number	A32R5A	A29Z3A	675R6A
Functions	Print	Print	Print
Print speed (up to) <sup>2</sup>	52/50 ppm (Letter/A4)	52/50 ppm (Letter/A4)	52/50 ppm (Letter/A4)
Auto 2-sided printing	No	Yes	Yes
Connectivity	USB, Ethernet	USB, Ethernet	USB, Ethernet
Walk-up USB	No	No	Yes
Control panel	2.7" Non-touch	2.7" Non-touch	4.3" Color Touchscreen
Input capacity	650/2,300 (std/max)	650/2,300 (std/max)	650/2,300 (std/max)
Memory and Storage*	2GB RAM, 8GB eMMC	2GB RAM, 8GB eMMC	4GB RAM, 32GB eMMC
RMPV <sup>4</sup>	2,500 to 12,500	2,500 to 12,500	2,500 to 12,500
Workpath enabled	No	No	Yes
Extensibility	HP FutureSmart, <sup>3</sup> OXPd	HP FutureSmart, <sup>3</sup> OXPd	HP FutureSmart, <sup>3</sup> OXPd

## Footnotes

1. Solutions deployed through the Hardware Integration Pocket (HIP) may require additional purchase.
2. Measured using ISO/IEC 24734, excludes first set of test documents. For more information, see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, software application, driver, and document complexity.
3. Some features enabled by future HP FutureSmart firmware upgrades may not be available on older devices, if for example, physical product characteristics limit the functionality of the new feature.
4. HP recommends that the number of pages per month of imaged output be within a stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period, the lowest monthly volume shown is based on 60-month usage and the highest 12-month usage.

\*Optional storage options are available depending on configuration. Please contact your HP representative for details.

# HP LaserJet Enterprise 5501n Printer

Processor speed	Dual Core (1.4 Ghz)			
Orderable supplies	HP LaserJet Transfer Roller Kit C35T5A; HP LaserJet Tray Roller Kit C35T6A			
Printer smart software features	Print preview, print multiple pages per sheet (2, 4, 6, 9, 16), collation, watermarks, store print jobs			
Power consumption description	552.4 watts (Printing), 4.89 watts (Ready), 0.76 watts (Sleep), 0.02 watts (Auto-Off), 0.02 watts (Off)			
Power supply	Type	Built-in 3-Pin 115V or 220V Internal Power Supply	Required Input Voltage	100V - 127V AC, 50 - 60Hz, 8.8A; or Input Voltage: 220V - 240V AC, 50 - 60Hz, 4.6A
What is in the box	HP LaserJet ENTERPRISE Printer; HP Original LaserJet Introductory Toner Cartridge (~6,000 pages); Regulatory flyer; Unpack flyer; Installation Guide; Power cord; Warranty Cards; Support flyers/ phone number list			
Replacement cartridges	HP 159 Black Original LaserJet Toner Cartridge			
Supplies feature	HP TerraJet Cartridge			
Electromagnetic emission standard	CISPR 22:2008 (International) Class A, CISPR 32:2015 (International) Class A / EN 55032:2015 Class A + A11:2020, CISPR 35:2016 (International) / EN 55035:2017 + A11:2020, EN IEC 61000-32:2019 + A11:2021, EN IEC 61000-3-3:2013+A1:2019 + A2:2021, FCC 47 CFR Part 15 Class A, ICES003, Issue 7 Class A. Other EMC approvals as required by individual countries.			
Safety approvals and requirements	IEC 62368-1:2014; EN 62368-1:2014 +A11:2017; IEC 62368-1:2018; EN 62368-1:2020 +A11:2020; EN 60825-1:2014 +A11:2021/IEC 60825-1:2014 (Class 1 Laser Product); EN 62479:2010/ IEC 62479:2010; Low Voltage Directive 2014/35/EU with CE Mark (Europe); GS Certificate (Germany, Europe); UL/ cUL Listed and UC CoC (US/Canada); UL62368-1 3rd Ed. 2021-10-22, CSA C22.2 No. 62368-1-19, 3rd Ed.; Compliance with Laser safety standards 21 CFR 1040.10 and 1040.11 except for deviations pursuant to Laser notice No. 56, Dated May 8, 2019; Other safety approvals as required by individual countries.			
ENERGY STAR® certified	Yes			
Ecolabels	CECP; IT ECO Declaration; Blue Angel; EPEAT® Gold India; EPEAT® Gold Australia; EPEAT® Gold Canada; EPEAT® Gold US; SEPA; KOECO; ENERGY STAR® certified; Korea MEPS; Vietnam MEPS			
Blue Angel compliance	Yes - Blue Angel DE-UZ 219—only ensured when using Original HP supplies			
Sustainable impact specifications	Mercury free; Recyclable through HP Planet Partners; Contains at least 5% post-consumer recycled plastic			
Network capabilities	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); WiFi 2.4/5 GHz wireless networking (optional); Second Ethernet port (optional); Microsoft Universal Print (MUP).			

# HP LaserJet Enterprise 5501n Printer

Supported network protocols	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			
Mobile printing capability	Apple AirPrint™; Mopria™ certified			
Package dimensions Metric	Metric	511 x 497 x 438 mm	Imperial	20.08 x 19.53 x 17.21 in
Max. dimensions Metric	Metric	400 x 725 x 305 mm	Imperial	15.7 x 28.5 x 12.0 in
Product dimensions Metric	Metric	400 x 400 x 305 mm	Imperial	15.7 x 15.7 x 12.0 in
Display description	2.7-in (6.86 cm) Non-touch QVGA LCD (color graphics) display			
Acoustic power emissions (active, printing)	6.9 B(A)			
Acoustic pressure emissions bystander (ready)	3.5 B(A)			
Operating humidity range	10 to 80% RH			
Operating humidity (recommended)	30 to 70% RH			
Operating temperature range	Celsius: 15 to 32.5°C		Fahrenheit: 59 to 90.5°F	
	Recommended Celsius: 17.5 to 25°C		Recommended Fahrenheit: 63.5 to 77°F	
Storage Temperature Range	Celsius: 20 to 40°C		Fahrenheit: 4 to 104°F	
Memory	2 GB			
Print Resolution Technologies	Normal (600x600 dpi with FastRes), Fine Lines (1200x1200 dpi), Quickview (300x300 dpi)			
Print speed	Up to 52 ppm			
First Page Out	A4	Black (A4, ready) As fast as 4.1 sec	Letter	Black (Letter,ready) As fast as 4.0 sec
Monthly duty cycle	A4	Up to 150,000 pages	Letter	Up to 150,000 pages
Recommended Monthly Page Volume	2,500 to 12,500			
Fonts and typefaces	105 internal TrueType fonts scalable in HP PCL, 92 internal scalable fonts in HP postscript Level 3 emulation (Euro symbol built-in); 1 internal Unicode Fonts (Andale Mono World Type); 2 Internal Windows Vista 8 Fonts (Calibri, Cambria); additional font solutions available via third-party flash memory cards; HP LaserJet Fonts and IPDS Emulation information available in the user guide and documentation for this printer model at <a href="http://www.hp.com/support">http://www.hp.com/support</a> .			
Storage	Standard: 8 GB eMMC			
Print Languages, Standard	HP PCL 6, HP PostScript level 3 emulation, native PDF printing (v 1.7), Apple AirPrint™			
Printer Management	HP Printer Assistant; HP Device Toolbox; HP Web JetAdmin Software; HP Security Manager; Printer Administrator Resource Kit for HP Universal Print Driver (Driver Configuration Utility - Driver Deployment Utility - Managed Printing Administrator)			
Top Key Features	TerraJet cartridge			

# HP LaserJet Enterprise 5501n Printer

Target Number of Users and Print Volume	For teams up to 15 users; Prints up to 12,500 pages/month	
AIO Functions	Print	
Print Technology	Laser	
Paper Handling Optional/input	Optional: 1 x 550-sheet paper feeder, 1 x 550-sheet feeder with cabinet, 3 x 550-sheet feeder, envelope feeder kit	
Paper Handling Standard/input	100-sheet multipurpose Tray 1, 550-sheet input Tray 2	
Paper Handling Standard/output	250-sheet output bin	
Input Capacity, Max	Up to 2300 sheets	
Product Short Name	5501n	
Typical Electricity Consumption (TEC) number	0.419 kWh/Week (Blue Angel); 0.400 kWh/Week (ENERGY STAR 3.0)	
Number of Simultaneous Users (local + network)	5-15 Users	
Security Management	Identity management: Kerberos authentication; LDAP authentication; 1000 user PIN codes; optional HP and 3rd party advanced authentication solutions (e.g.; badge readers); Network: IPsec/ firewall with Certificate, Pre-Shared Key; and Kerberos authentication; Supports WJA-10 IPsec configuration Plug-in; 802.1X authentication (EAP-PEAP; EAP-TLS); SNMPv3; HTTPS; Certificates; Access Control List; Data: Storage Encryption; Encrypted PDF & Email (uses FIPS 140 validated cryptographic libraries from Microsoft); Secure Erase; SSL/TLS (HTTPS); Encrypted Credentials; Device: Security lock slot; USB port disablement; hardware integration pocket for security solutions; Hardware-based Memory Shield™ with Control Flow Integrity (CFI) in-device monitoring for attacks; SureStart Secure Boot - BIOS Integrity Checking with self-healing capability; Whitelisting - loads only known good code (DLLs, EXEs, ...); Security management: Compatible with Device Security Syslog Messages processed and accessible in Arcsight and Splunk SIEMs	
Mac Compatible	Yes	
Software Included	No software solutions are included in the Box, only on <a href="http://hp.com">http://hp.com</a> ;	
Media Types	Paper (bond, color, letterhead, plain, preprinted, prepunched, recycled, rough); envelopes; labels; cardstock; transparencies; user-defined	
Standard Media Sizes	Metric: Tray 1: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), 10 x 15 cm, Oficio (216 x 340), 16K, postcards (JIS single and double), envelopes (B5, C5, C6, DL); Tray 2: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), Oficio (216 x 340), 16K, postcards (JIS double); Optional 550-sheet Tray: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), Oficio (216 x 340), 16K, postcards (JIS double); Automatic Duplexer: A4, A5, RA4, B5, 16K (195 x 270 mm, 184 x 260 mm, 197 x 273 mm), Oficio; Envelope Feeder Accessory: B5, C5, C6, DL	Imperial: letter, legal, executive, statement, 3 x 5 in, 4 x 6 in, 5 x 7 in, 5 x 8 in, 8.5 x 13 in, envelopes (No. 9, No. 10, Monarch); Tray 2: letter, legal, executive, statement, 5 x 7 in, 5 x 8 in, 8.5 x 13 in; Optional 550-sheet tray: letter, legal, executive, statement, 5 x 7 in, 5 x 8 in, 8.5 x 13 in; Automatic Duplexer: letter, legal, executive, 8.5 x 13 in; Envelope Feeder Accessory: No. 9, No. 10, Monarch
Media sizes custom	Metric: Tray 1: 76.2 x 127 to 216 x 356 mm; Tray 2: 105 x 148 to 216 x 356 mm; Optional 550-sheet Tray: 105 x 148 to 216 x 356 mm; Envelope Feeder Accessory: 98 x 162 to 178 x 254 mm	Imperial: Tray 1: 3 x 5 to 8.5 x 14 in; Tray 2: 4.14 x 5.83 to 8.5 x 14 in; Optional 550-sheet Tray: 4.14 x 5.83 to 8.5 x 14 in; Envelope Feeder Accessory: 3.86 x 6.38 to 7 x 10 in
Media Size, Tray 1 (metric)	A4; A5; A6; RA4; B5 (JIS); B6 (JIS); 10 x 15 cm; Oficio (216 x 340); 16K; postcards (JIS single and double); envelopes (B5, C5, C6, DL); 76 x 127 to 216 x 356 mm	



# HP LaserJet Enterprise 5501n Printer

Media Weights Supported, Tray 1 (metric)	60 to 200 g/m <sup>2</sup>	
Key media sizes supported	Metric: A4; Envelopes; A5	Imperial: 4 x 6 in; Letter; Legal; Envelopes; 3 x 5 in
Control Panel	2.7-in (6.86 cm) Non-touch QVGA LCD (color graphics) display with 24-key pad	
Media weights supported, by paper path	Metric: Feeder 1: 60 to 200 g/m <sup>2</sup> ; Feeder 2: 60 to 120 g/m <sup>2</sup>	Imperial: Feeder 1: 16 to 53 lb bond (plain), 16 to 24 lb (envelopes); Feeder 2: 16 to 32 lb bond (plain)
System Requirements	2 GB available hard disk space, Internet connection, USB port, Internet browser. (For Additional OS hardware requirements see microsoft.com)	Macintosh Minimum - 2 GB Available hard drive Space, Internet connection or USB port, OS hardware requirements see apple.com
Manufacturer Warranty	One-year, onsite warranty service. Warranty and support options vary by product, country and local legal requirements. Contact your Contractual Vendor or go to hp.com/support to learn about HP award winning service and support options in your region. (warranty code 4G; warranty ID A001)	
Weight	Metric: 11.8 kg	Imperial: 26.1 lb
Package weight	Metric: 15.7 kg	Imperial: 34.62 lb

# HP LaserJet Enterprise 5501dn Printer

Processor speed	Dual Core (1.4 Ghz)			
Orderable supplies	HP LaserJet Transfer Roller Kit C35T5A; HP LaserJet Tray Roller Kit C35T6A			
Printer smart software features	Print preview, duplex printing, print multiple pages per sheet (2, 4, 6, 9, 16), collation, watermarks, store print jobs			
Power consumption description	552.4 watts (Printing), 4.89 watts (Ready), 0.76 watts (Sleep), 0.02 watts (Auto-Off), 0.02 watts (Off)			
Power supply	Type	Built-in 3-Pin 115V or 220V Internal Power Supply	Required Input Voltage	100V - 127V AC, 50 - 60Hz, 8.8A; or Input Voltage: 220V - 240V AC, 50 - 60Hz, 4.6A
What is in the box	HP LaserJet ENTERPRISE Printer; HP Original LaserJet Introductory Toner Cartridge (~6,000 pages); Regulatory flyer; Unpack flyer; Installation Guide; Power cord; Warranty Cards; Support flyers/ phone number list			
Replacement cartridges	HP 159 Black Original LaserJet Toner Cartridge			
Supplies feature	HP TerraJet Cartridge			
Electromagnetic emission standard	CISPR 22:2008 (International) Class A, CISPR 32:2015 (International) Class A / EN 55032:2015 Class A + A11:2020, CISPR 35:2016 (International) / EN 55035:2017 + A11:2020, EN IEC 61000-32:2019 + A11:2021, EN IEC 61000-3-3:2013+A1:2019 + A2:2021, FCC 47 CFR Part 15 Class A, ICES003, Issue 7 Class A. Other EMC approvals as required by individual countries.			
Safety approvals and requirements	IEC 62368-1:2014; EN 62368-1:2014 +A11:2017; IEC 62368-1:2018; EN 62368-1:2020 +A11:2020; EN 60825-1:2014 +A11:2021/IEC 60825-1:2014 (Class 1 Laser Product); EN 62479:2010/IEC 62479:2010; Low Voltage Directive 2014/35/EU with CE Mark (Europe); GS Certificate (Germany, Europe); UL/ cUL Listed and UC CoC (US/Canada); UL62368-1 3rd Ed. 2021-10-22, CSA C22.2 No. 62368-1-19, 3rd Ed.; Compliance with Laser safety standards 21 CFR 1040.10 and 1040.11 except for deviations pursuant to Laser notice No. 56, Dated May 8, 2019; Other safety approvals as required by individual countries.			
ENERGY STAR® certified	Yes			
Ecolabels	CECP; IT ECO Declaration; Blue Angel; EPEAT® Gold India; EPEAT® Gold Australia; EPEAT® Gold Canada; EPEAT® Gold US; SEPA; KOECO; ENERGY STAR® certified; Korea MEPS; Vietnam MEPS			
Blue Angel compliance	Yes - Blue Angel DE-UZ 219—only ensured when using Original HP supplies			
Sustainable impact specifications	Mercury free; Recyclable through HP Planet Partners; Contains at least 5% post-consumer recycled plastic			
Network capabilities	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); WiFi 2.4/5 GHz wireless networking (optional); Second Ethernet port (optional); Microsoft Universal Print (MUP).			

# HP LaserJet Enterprise 5501dn Printer

Supported network protocols	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			
Mobile printing capability	Apple AirPrint™; Mopria™ certified			
Package dimensions Metric	Metric	511 x 497 x 438 mm	Imperial	20.08 x 19.53 x 17.21 in
Max. dimensions Metric	Metric	400 x 725 x 305 mm	Imperial	15.7 x 28.5 x 12.0 in
Product dimensions Metric	Metric	400 x 400 x 305 mm	Imperial	15.7 x 15.7 x 12.0 in
Display description	2.7-in (6.86 cm) Non-touch QVGA LCD (color graphics) display			
Acoustic power emissions (active, printing)	6.9 B(A)			
Acoustic pressure emissions bystander (ready)	3.5 B(A)			
Operating humidity range	10 to 80% RH			
Operating humidity (recommended)	30 to 70% RH			
Operating temperature range	Celsius: 15 to 32.5°C		Fahrenheit: 59 to 90.5°F	
	Recommended Celsius: 17.5 to 25°C		Recommended Fahrenheit: 63.5 to 77°F	
Storage Temperature Range	Celsius: 20 to 40°C		Fahrenheit: 4 to 104°F	
Memory	2 GB			
Print Resolution Technologies	Normal (600x600 dpi with FastRes), Fine Lines (1200x1200 dpi), Quickview (300x300 dpi)			
Print speed	Up to 52 ppm			
First Page Out	A4	Black (A4, ready) As fast as 4.1 sec	Letter	Black (Letter,ready) As fast as 4.0 sec
Monthly duty cycle	A4	Up to 150,000 pages	Letter	Up to 150,000 pages
Recommended Monthly Page Volume <sup>4</sup>	2,500 to 12,500			
Fonts and typefaces	105 internal TrueType fonts scalable in HP PCL, 92 internal scalable fonts in HP postscript Level 3 emulation (Euro symbol built-in); 1 internal Unicode Fonts (Andale Mono World Type); 2 Internal Windows Vista 8 Fonts (Calibri, Cambria); additional font solutions available via third-party flash memory cards; HP LaserJet Fonts and IPDS Emulation information available in the user guide and documentation for this printer model at <a href="http://www.hp.com/support">http://www.hp.com/support</a> .			
Storage	Standard: 8 GB eMMC			
Print Languages, Standard	HP PCL 6, HP PostScript level 3 emulation, native PDF printing (v 1.7), Apple AirPrint™			
Printer Management	HP Printer Assistant; HP Device Toolbox; HP Web JetAdmin Software; HP Security Manager; Printer Administrator Resource Kit for HP Universal Print Driver (Driver Configuration Utility - Driver Deployment Utility - Managed Printing Administrator)			
Top Key Features	TerraJet cartridge; Two-sided printing			

# HP LaserJet Enterprise 5501dn Printer

Target Number of Users and Print Volume	For teams up to 15 users; Prints up to 12,500 pages/month	
AIO Functions	Print	
Duplex Print Options	Automatic (standard)	
Print Technology	Laser	
Paper Handling Optional/input	Optional 1 x 550-sheet paper feeder, 1 x 550-sheet feeder with cabinet, optional 3 x 550-sheet feeder, optional envelope feeder	
Paper Handling Standard/input	100-sheet multipurpose Tray 1, 550-sheet input Tray 2, automatic duplex printing	
Paper Handling Standard/output	250-sheet output bin	
Input Capacity, Max	Up to 2300 sheets	
Product Short Name	5501dn	
Typical Electricity Consumption (TEC) number	0.419 kWh/Week (Blue Angel); 0.400 kWh/Week (ENERGY STAR 3.0)	
Number of Simultaneous Users (local + network)	5-15 Users	
Security Management	Identity management: Kerberos authentication; LDAP authentication; 1000 user PIN codes; optional HP and 3rd party advanced authentication solutions (e.g.; badge readers); Network: IPsec/ firewall with Certificate; Pre-Shared Key; and Kerberos authentication; Supports WJA-10 IPsec configuration Plug-in; 802.1X authentication (EAP-PEAP; EAP-TLS); SNMPv3; HTTPS; Certificates; Access Control List; Data: Storage Encryption; Encrypted PDF & Email (uses FIPS 140 validated cryptographic libraries from Microsoft); Secure Erase; SSL/TLS (HTTPS); Encrypted Credentials; Device: Security lock slot; USB port disablement; hardware integration pocket for security solutions; Hardware-based Memory Shield™ with Control Flow Integrity (CFI) in-device monitoring for attacks; SureStart Secure Boot - BIOS Integrity Checking with self-healing capability; Whitelisting - loads only known good code (DLLs, EXEs, ...); Security management: Compatible with Device Security Syslog Messages processed and accessible in Arcsight and Splunk SIEMs	
Mac Compatible	Yes	
Software Included	No software solutions are included in the Box, only on <a href="http://hp.com">http://hp.com</a> ;	
Media Types	Paper (bond, color, letterhead, plain, preprinted, prepunched, recycled, rough); envelopes; labels; cardstock; transparencies; user-defined	
Standard Media Sizes	Metric: Tray 1: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), 10 x 15 cm, Oficio (216 x 340), 16K, postcards (JIS single and double), envelopes (B5, C5, C6, DL); Tray 2: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), Oficio (216 x 340), 16K, postcards (JIS double); Optional 550-sheet Tray: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), Oficio (216 x 340), 16K, postcards (JIS double); Automatic Duplexer: A4, A5, RA4, B5, 16K (195 x 270 mm, 184 x 260 mm, 197 x 273 mm), Oficio; Envelope Feeder Accessory: B5, C5, C6, DL	Imperial: letter, legal, executive, statement, 3 x 5 in, 4 x 6 in, 5 x 7 in, 5 x 8 in, 8.5 x 13 in, envelopes (No. 9, No. 10, Monarch); Tray 2: letter, legal, executive, statement, 5 x 7 in, 5 x 8 in, 8.5 x 13 in; Optional 550-sheet tray: letter, legal, executive, statement, 5 x 7 in, 5 x 8 in, 8.5 x 13 in; Automatic Duplexer: letter, legal, executive, 8.5 x 13 in; Envelope Feeder Accessory: No. 9, No. 10, Monarch
Media sizes custom	Metric: Tray 1: 76.2 x 127 to 216 x 356 mm; Tray 2: 105 x 148 to 216 x 356 mm; Optional 550-sheet Tray: 105 x 148 to 216 x 356 mm; Envelope Feeder Accessory: 98 x 162 to 178 x 254 mm	Imperial: Tray 1: 3 x 5 to 8.5 x 14 in; Tray 2: 4.14 x 5.83 to 8.5 x 14 in; Optional 550-sheet Tray: 4.14 x 5.83 to 8.5 x 14 in; Envelope Feeder Accessory: 3.86 x 6.38 to 7 x 10 in
Media Size, Tray 1 (metric)	A4; A5; A6; RA4; B5 (JIS); B6 (JIS); 10 x 15 cm; Oficio (216 x 340); 16K; postcards (JIS single and double); envelopes (B5, C5, C6, DL); 76 x 127 to 216 x 356 mm	



# HP LaserJet Enterprise 5501dn Printer

Media Weights Supported, Tray 1 (metric)	60 to 200 g/m <sup>2</sup>	
Key media sizes supported	Metric: A4; Envelopes; A5	Imperial: 4 x 6 in; Letter; Legal; Envelopes; 3 x 5 in
Media weights supported, by paper path	Metric: Feeder 1: 60 to 200 g/m <sup>2</sup> ; Feeder 2: 60 to 120 g/m <sup>2</sup> ; Automatic Duplexer: 60 to 120 g/m <sup>2</sup>	Imperial: Feeder 1: 16 to 53 lb bond (plain), 16 to 24 lb (envelopes); Feeder 2: 16 to 32 lb bond (plain); Automatic Duplexer: 16 to 32 lb
System Requirements	2 GB available hard disk space, Internet connection, USB port, Internet browser. (For Additional OS hardware requirements see <a href="http://microsoft.com">microsoft.com</a> )	Macintosh Minimum - 2 GB Available hard drive Space, Internet connection or USB port, OS hardware requirements see <a href="http://apple.com">apple.com</a>
Manufacturer Warranty	One-year, onsite warranty service. Warranty and support options vary by product, country and local legal requirements. Contact your Contractual Vendor or go to <a href="http://hp.com/support">hp.com/support</a> to learn about HP award winning service and support options in your region. (warranty code 4G; warranty ID A001)	
Weight	Metric: 11.8 kg	Imperial: 26.1 lb
Package weight	Metric: 15.7 kg	Imperial: 34.62 lb

# HP LaserJet Enterprise 5502dn Printer

Processor speed	Dual Core (1.4 Ghz)			
Orderable supplies	HP LaserJet Transfer Roller Kit C35T5A; HP LaserJet Tray Roller Kit C35T6A			
Power consumption description	552.4 watts (Printing), 4.89 watts (Ready), 0.76 watts (Sleep), 0.02 watts (Auto-Off), 0.02 watts (Off)			
Power supply	Type	Built-in 3-Pin 115V or 220V Internal Power Supply	Required	Input Voltage: 100V - 127V AC, 50 - 60Hz, 8.8A; or Input Voltage: 220V - 240V AC, 50 - 60Hz, 4.6A
What is in the box	HP LaserJet Enterprise Printer; HP Original LaserJet Introductory Toner Cartridge (~6,000 pages); Regulatory flyer; Unpack flyer; Installation Guide; Power cord; Warranty Cards; Support flyers/ phone number list			
Replacement cartridges	HP 159 Black Original LaserJet Toner Cartridge			
Supplies feature	HP TerraJet Cartridge			
Electromagnetic emission standard	CISPR 22:2008 (International) Class A, CISPR 32:2015 (International) Class A / EN 55032:2015 Class A + A11:2020; CISPR 35:2016 (International) / EN 55035:2017 + A11:2020, EN IEC 61000-3-2:2019 + A11:2020, EN IEC 61000-3-3:2013 + A1:2019 + A2:2021, FCC 47 CFR Part 15 Class A, ICES003, Issue 7 Class A. Other EMC approvals as required by individual countries.			
Safety approvals and requirements	IEC 62368-1:2014; EN 62368-1:2014 + A11:2017; IEC 62368-1:2018; EN 62368-1:2020 + A11:2020; EN 60825-1:2014 + A11:2021/IEC 60825-1:2014 (Class 1 Laser Product); EN 62479:2010/IEC 62479:2010; Low Voltage Directive 2014/35/EU with CE Mark (Europe); GS Certificate (Germany, Europe); UL/cUL Listed and UC CoC (US/Canada); UL62368-1 3rd Ed. 2021-10-22, CSA C22.2 No. 62368-1-19, 3rd Ed.; Compliance with Laser safety standards 21 CFR 1040.10 and 1040.11 except for deviations pursuant to Laser notice No. 56, Dated May 8, 2019; Other safety approvals as required by individual countries.			
ENERGY STAR® certified	Yes			
Ecolabels	CECP; IT ECO Declaration; Blue Angel; EPEAT® Gold India; EPEAT® Gold Australia; EPEAT® Gold Canada; EPEAT® Gold US; SEPA; KOECO; ENERGY STAR® certified; Korea MEPS; Vietnam MEPS			
Blue Angel compliance	Yes - Blue Angel DE-UZ 219—only ensured when using Original HP supplies			
Sustainable impact specifications	Mercury free; Recyclable through HP Planet Partners; Contains at least 5% post-consumer recycled plastic			
Network capabilities	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); WiFi 2.4/5 GHz wireless networking (optional); Second Ethernet port (optional); Microsoft Universal Print (MUP).			

# HP LaserJet Enterprise 5502dn Printer

Supported network protocols	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			
Mobile printing capability	Apple AirPrint™; Mopria™ certified			
Package dimensions	Metric	511 x 497 x 438 mm	Imperial	20.08 x 19.53 x 17.21 in
Max. dimensions	Metric	400 x 725 x 305 mm	Imperial	15.7 x 28.5 x 12.0 in
Product dimensions	Metric	400 x 400 x 305 mm	Imperial	15.7 x 15.7 x 12.0 in
Display description	4.3-in (10.92 cm) Color Graphics Display (CGD) with touchscreen			
Acoustic pressure emissions (active, printing)	6.9 B(A)			
Acoustic pressure emissions bystander	3.5 B(A)			
Operating humidity	10 to 80% RH			
Operating humidity (recommended)	30 to 70% RH			
Operating temperature range	Celsius: 15 to 32.5°C		Fahrenheit: 59 to 90.5°F	
	Recommended Celsius: 17.5 to 25°C		Recommended Fahrenheit: 63.5 to 77°F	
Storage Temperature Range	Celsius: 20 to 40°C		Fahrenheit: 4 to 104°F	
Memory	4 GB			
Print Resolution Technologies	Normal (600x600 dpi with FastRes), Fine Lines (1200x1200 dpi), Quickview (300x300 dpi)			
Print speed	Up to 52 ppm			
Print Resolution Technologies	Normal (600x600 dpi with FastRes), Fine Lines (1200x1200 dpi), Quickview (300x300 dpi)			
Print speed	Up to 52 ppm (black)			
First Page Out	Black (A4, ready) As fast as 4.1 sec		Black (Letter,ready) As fast as 4.0 sec	
Monthly duty cycle	A4 - Up to 150,000 pages		Letter - Up to 150,000 pages	
Recommended Monthly Page Volume4	2,500 to 12,500			
Fonts and Typefaces	105 internal TrueType fonts scalable in HP PCL, 92 internal scalable fonts in HP postscript Level 3 emulation (Euro symbol built-in); 1 internal Unicode Fonts (Andale Mono World Type);2 Internal Windows Vista 8 Fonts (Calibri, Cambria);additional font solutions available via third-party flash memory cards; HP LaserJet Fonts and IPDS Emulation information available in the user guide and documentation for this printer model at <a href="http://www.hp.com/support">http://www.hp.com/support</a> .			

# HP LaserJet Enterprise 5502dn Printer

Storage	Standard, 32 GB eMMC	
Print Languages, Standard	HP PCL 6, HP PostScript level 3 emulation, native PDF printing (v 1.7), Apple AirPrint™	
Printer Management	HP Printer Assistant; HP Device Toolbox; HP Web JetAdmin Software; HP Security Manager; Printer Administrator Resource Kit for HP Universal Print Driver (Driver Configuration Utility - Driver Deployment Utility - Managed Printing Administrator)	
Top Key Features	Two-sided printing; TerraJet cartridge; Front USB flash drive port	
Target Number of Users and Print Volume	For teams up to 15 users; Prints up to 25,000 pages/month	
AIO Functions	Print	
Duplex print options	Automatic (standard)	
Duplex Print Options	Laser	
Paper Handling Optional/input	Optional 1 x 550-sheet paper feeder, 1 x 550-sheet feeder with cabinet, optional 3 x 550-sheet feeder, optional envelope feeder	
Paper Handling Optional/input	100-sheet multipurpose Tray 1, 550-sheet input Tray 2, automatic duplex printing	
Paper Handling Standard/output	250-sheet output bin	
Input Capacity, Max	Up to 2300 sheets	
Product Short Name	5502dn	
Typical Electricity Consumption (TEC) number	0.419 kWh/Week (Blue Angel); 0.400 kWh/Week (ENERGY STAR 3.0)	
Number of Simultaneous Users (local + network)	5-15 Users	
Security Management	Identity management: Kerberos authentication; LDAP authentication; 1000 user PIN codes; optional HP and 3rd party advanced authentication solutions (e.g.; badge readers); Network: IPsec/ firewall with Certificate, Pre-Shared Key, and Kerberos authentication; Supports WJA-10 IPsec configuration Plug-in; 802.1X authentication (EAP-PEAP; EAP-TLS); SNMPv3; HTTPS; Certificates; Access Control List; Data: Storage Encryption; Encrypted PDF & Email (uses FIPS 140 validated cryptographic libraries from Microsoft); Secure Erase; SSL/TLS (HTTPS); Encrypted Credentials; Device: Security lock slot; USB port disablement; hardware integration pocket for security solutions; Hardware-based Memory Shield™ with Control Flow Integrity (CFI) in-device monitoring for attacks; SureStart Secure Boot - BIOS Integrity Checking with self-healing capability; Whitelisting - loads only known good code (DLLs, EXEs, ...); Security management: Compatible with Device Security Syslog Messages processed and accessible in Arcsight and Splunk SIEMs	
Mac Compatible	Yes	
Software Included	No software solutions are included in the Box, only on <a href="http://hp.com">http://hp.com</a> ;	
Media Types	Paper (bond, color, letterhead, plain, preprinted, prepunched, recycled, rough); envelopes; labels; cardstock; transparencies; user-defined	
Standard Media Sizes	Metric: Tray 1: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), 10 x 15 cm, Oficio (216 x 340), 16K, postcards (JIS single and double), envelopes (B5, C5, C6, DL); Tray 2: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), Oficio (216 x 340), 16K, postcards (JIS double); Optional 550-sheet Tray: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), Oficio (216 x 340), 16K, postcards (JIS double); Automatic Duplexer: A4, A5, RA4, B5, 16K (195 x 270 mm, 184 x 260 mm, 197 x 273 mm), Oficio; Envelope Feeder Accessory: B5, C5, C6, DL	Imperial: letter, legal, executive, statement, 3 x 5 in, 4 x 6 in, 5 x 7 in, 5 x 8 in, 8.5 x 13 in, envelopes (No. 9, No. 10, Monarch); Tray 2: letter, legal, executive, statement, 5 x 7 in, 5 x 8 in, 8.5 x 13 in; Optional 550-sheet tray: letter, legal, executive, statement, 5 x 7 in, 5 x 8 in, 8.5 x 13 in; Automatic Duplexer: letter, legal, executive, 8.5 x 13 in; Envelope Feeder Accessory: No. 9, No. 10, Monarch



# HP LaserJet Enterprise 5502dn Printer

Media sizes custom	Metric: Tray 1: 76.2 x 127 to 216 x 356 mm; Tray 2: 105 x 148 to 216 x 356 mm; Optional 550-sheet Tray: 105 x 148 to 216 x 356 mm; Envelope Feeder Accessory: 98 x 162 to 178 x 254 mm	Imperial: Tray 1: 3 x 5 to 8.5 x 14 in; Tray 2: 4.14 x 5.83 to 8.5 x 14 in; Optional 550-sheet Tray: 4.14 x 5.83 to 8.5 x 14 in; Envelope Feeder Accessory: 3.86 x 6.38 to 7 x 10 in
Media Size, Tray 1 (metric)	A4; A5; A6; RA4; B5 (JIS); B6 (JIS); 10 x 15 cm; Oficio (216 x 340); 16K; postcards (JIS single and double); envelopes (B5, C5, C6, DL); 76 x 127 to 216 x 356 mm	
Media weights supported, by paper path	Metric: Feeder 1: 60 to 200 g/m <sup>2</sup> ; Feeder 2: 60 to 120 g/m <sup>2</sup> ; Automatic Duplexer: 60 to 120 g/m <sup>2</sup>	Imperial: Feeder 1: 16 to 53 lb bond (plain), 16 to 24 lb (envelopes); Feeder 2: 16 to 32 lb bond (plain); Automatic Duplexer: 16 to 32 lb
Media Weights Supported, Tray 1 (metric)	60 to 200 g/m <sup>2</sup>	
Key media sizes supported	Metric: A4; Envelopes; A5	Imperial: 4 x 6 in; Letter; Legal; Envelopes; 3 x 5 in
Control Panel	4.3-in (10.92 cm) Color Graphics Display (CGD) with touchscreen	
System Requirements	2 GB available hard disk space, Internet connection, USB port, Internet browser. (For Additional OS hardware requirements see microsoft.com)	Macintosh Minimum - 2 GB Available hard drive Space, Internet connection or USB port, OS hardware requirements see apple.com
Manufacturer Warranty	One-year, onsite warranty service. Warranty and support options vary by product, country and local legal requirements. Contact your Contractual Vendor or go to hp.com/support to learn about HP award winning service and support options in your region. (warranty code 4G; warranty ID A001)	
Weight	Metric: 11.9 kg	Imperial: 26.4 lb
Package weight	Metric: 15.7 kg	Imperial: 34.62 lb

# 5500 Series Accessories

Accessory Discription	Accessory SKU#
HP LaserJet 550 sheet Paper Tray	6C7M6A
HP LaserJet 550 Sheet Paper Constellation Yellow Tray	B8GR1A
HP LaserJet 550 sheet Paper Cosmic Green Tray	B8GR2A
HP LaserJet 550 sheet Paper Aurora Purple Tray	B8GR3A
HP LaserJet 550 sheet Paper Comet Red Tray	B8GR4A
HP LaserJet 550 sheet Paper Lunar Gray Tray	B8GR5A
HP LaserJet 3x550 Sheet Paper Tray with Stand	B01KLA
HP LaserJet Lunar Gray 3x550 Sheet Paper Tray with Stand	B01KMA
HP LaserJet Comet Red 3x550 Sheet Paper Tray with Stand	B01KNA
HP LaserJet Cosmic Green 3x550 Sheet Paper Tray with Stand	B01KPA
HP LaserJet Aurora Purple 3x550 Sheet Paper Tray with Stand	B01KQA
HP LaserJet Constellation Yellow 3x550 Sheet Paper Tray with Stand	B01KRA
HP LaserJet 550 Sheet Paper Tray with Storage Stand	B01KTA
HP LaserJet Lunar Gray 550 Sheet Tray with Storage Stand	B01KVA
HP LaserJet Comet Red 550 Sheet Tray Storage Stand	B01KWA
HP LaserJet Cosmic Green 550 Sheet Tray with Storage Stnd	B01KXA
HP LaserJet Aurora Purple 550 Sheet Tray with Storage Stand	B01KYA
HP LaserJet Constellation Yellow 550 Sheet Tray with Storage Stand	B01KZA
HP LaserJet Envelope Feeder Kit (if tray 3 is present)	B01KSA
HP Accessibility Kit V2	C0XX4A
HP Foreign Interface Harness	B5L31A
HP HID Mob Acc Mifare DES Fire Keystroking Reader	35H11A
HP Keystroke Card Reader	Y7C05B
HP Internal USB Expansion Kit*	4XN67A*
HP Jetdirect LAN Accessory	8FP31A
HP Legic Secure USB Reader	4QL32A
HP Printing Voice Assistant	478C2A
HP LaserJet 512GB 2.5 inch SATA CCC/FIPS/TAA Solid State Drive*	B18J0A*
HP SmartCard NIPRNet Solution for US Government	CC543B
HP SmartCard SIPRNet Solution for US Government	F8B30A
HP LaserJet 512 GB SED-TAA Solid State Drive	766R7A*
HP JetDirect 3200w Wifi 6 Bluetooth Wireless Accessory	9R1U0A
HP Universal Card Reader	X3D03B
HP LaserJet 512GB M.2 2280 NVMe CCC/FIPS/TAA Solid State Drive	B18J1A

\*Available only for 5502dn

# Configuration

HP LaserJet Enterprise 5502dn shown



# Paper handling accessories

## Stand and input devices



Product number	6C7M6A	B01KLA	B01KTA	B01KSA
Product description	HP LaserJet 550 sheet paper tray	HP LaserJet 3x550 Sheet Paper Tray with Stand	HP LaserJet 550 Sheet Paper Tray with Storage Stand	HP LaserJet Envelope Feeder Kit
	Available as optional accessory			
Stacking	Desktop configuration • 2 trays max  Floor standing configuration • varies	Floorstanding configuration  • No additional paper trays	Floorstanding configuration  • Max of 2 additional 1 x 550 sheet paper trays	If tray 3 is available

# Disclaimers

1. Measured using ISO/IEC 24734, excludes first set of test documents. For more information, see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, software application, driver, and document complexity.
2. Some features enabled by future HP FutureSmart firmware upgrades may not be available on older devices, if for example, physical product characteristics limit the functionality of the new feature.
3. HP's most advanced embedded security features are available on HP Managed and Enterprise devices with HP FutureSmart firmware 4.5 or above. Claim based on HP review of published features as of June 2025 of competitive in-class printers. Only HP offers a combination of security features to automatically detect, isolate, stop, and recover from attacks with a self-healing reboot, in alignment with NIST SP 800-193 guidelines for device cyber resiliency. Printers are most vulnerable to attack when they are booting up and during runtime (when the printer is in sleep mode and in use). Only HP Enterprise printers protect the device during 100% of the printer's life with Sure Start BIOS protection, Memory Shield with hardware-based Runtime Intrusion Detection and Control Flow Integrity to detect and recover from zero-day threats in addition to Connection Inspector network behavioral anomaly detection all with self-healing recovery. For a list of compatible products, visit [hp.com/go/PrintersThatProtect](http://hp.com/go/PrintersThatProtect) For more information, visit [hp.com/go/PrinterSecurityClaims](http://hp.com/go/PrinterSecurityClaims).
4. HP voluntarily designs and tests its printing systems to prevent emissions that exceed Blue Angel and EPEAT eco-label guidelines. Based on US, Canada, India, and Australia EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. EPEAT® status varies by country. Visit [www.energystar.gov/productfinder](http://www.energystar.gov/productfinder) for more information on models of the HP LaserJet Enterprise 5500/6500/MFP 5600/MFP 6600 series that are ENERGY STAR certified in North America. ENERGY STAR and the ENERGY STAR logo are registered U.S. marks. HP printer, HP paper and Original HP supply - Blue Angel DE-UZ 219 Emissions Criteria.
5. Recycled plastic is expressed as a percentage of total weight of plastic. See [www.hp.com/tonerrecycledcontent](http://www.hp.com/tonerrecycledcontent) for more information.
6. Program availability varies. For more information, visit [hp.com/hprecycle](http://hp.com/hprecycle).
7. HP Security Manager must be purchased separately. For details, see [hp.com/go/securitymanager](http://hp.com/go/securitymanager).
8. Delivered through implementation of HP Authentication Suite for Workpath-enabled devices and devices with embedded Protected Access both providing passwordless multifactor authentication for Microsoft Entra ID environments. Device identity provided by deployment of device certificates using HP Security Manager software, sold separately.
9. Based on HP's internal analysis of business Printers with preinstalled encryption, authentication, malware protection, postquantum digital signature, and initial BIOS firmware integrity protection with automatic self-healing recovery finding that no other in-class Printers implement a quantum-resistant cryptographic scheme to protect the integrity of the BIOS and firmware as of March 2025.
10. HP calculations based on normalized Energy Star® TEC data of HP LaserJet Enterprise 5501-5502, 5601-5602, 6500-6501 and 6600 with HP TerraJet Cartridges compared to HP LaserJet Enterprise M507, M528, M610 and HP M634. See [hp.com/TerraJet/energysaving](http://hp.com/TerraJet/energysaving).
11. Toner efficiency of Original HP 159 and 160 TerraJet Toner Cartridges compared to HP Original 89 and 147 Toner Cartridges. Calculated in 2026 using pages printed per gram of toner. See [hp.com/TerraJet/tonersaving](http://hp.com/TerraJet/tonersaving) for more information.
12. HP office-class printing systems are select Enterprise and Managed devices with FutureSmart firmware 4.5 and up, Pro devices, LaserJet models 200 and up, with respective Original HP Toner, PageWide and Ink Cartridges. Does not include HP integrated printhead cartridges. Digital supply-chain tracking, hardware, chips and packaging security features vary locally by SKU. See [hp.com/cartridgesecurity](http://hp.com/cartridgesecurity).
13. See ISO/IEC 20243:2018 Open Trusted Technology Provider™ Standard Certification Register. See [certification.opengroup.org/register/ottps-certification](http://certification.opengroup.org/register/ottps-certification).
14. Virgin plastic reduction in Original HP 159 and 160 TerraJet Toner Cartridges compared to predecessor Original HP 89 and 147 Toner Cartridges is based on comparing grams of virgin plastic and is expressed as a percentage of total weight of plastic. Accurate as of 2026 for the products listed only.
15. Reduction of plastic packaging in Original HP 159 and 160 TerraJet Toner Cartridges compared to predecessor Original HP 89 and 147 Toner Cartridges is based on comparing grams of plastic packaging mass. Accurate as of 2026 for the products listed only.
16. Speed of HP LaserJet Enterprise 5501-5502 and 5601-5602 compared to HP LaserJet Enterprise M507 and M528 and of HP LaserJet Enterprise 6500-6501 and 6600 compared to HP LaserJet Enterprise M610 and M634. Measured in 2026 using ISO/IEC 24734, excludes first set of test documents. Exact speed varies depending on the system configuration, software application, driver, and document complexity.

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