



# HP LaserJet Enterprise X50352dn Printer

## The powerful A4 enterprise printer for small teams

Simplify document workflows with blazing-fast speeds and customizable features. Seamlessly integrates with your existing fleet, scales for the future, and delivers industry-leading security to safeguard your data.



This printer is intended to work only with cartridges that have a new or reused HP chip, and it uses dynamic security measures to block cartridges using a non-HP chip. Periodic firmware updates will maintain the effectiveness of these measures and block cartridges that previously worked. A reused HP chip enables the use of reused, remanufactured, and refilled cartridges. More at: <http://www.hp.com/learn/ds>

### Highlights

- 6.8 cm Non-touch control panel
- 650-sheet standard input
- 2,300-sheet max input
- Energy Star® Certified
- Blue Angel Certified

### Get the power to be more productive

Save time with fast printer wake-up and print speeds up to 52 ppm to power through your tasks.<sup>2</sup>

Stay ahead with FutureSmart firmware updates, keeping your fleet always up to date.<sup>3</sup>

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

Work without interruptions—smart services monitor devices in real time and fix issues before disrupting flow.<sup>4</sup>

### Simplify work with automated workflows

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

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

### Protect what matters with the most secure printer<sup>1</sup>

Keep your work protected—HP Wolf silently detects and repairs your printer from cyberattacks.<sup>1</sup>

Simplify compliance—HP Security Manager enforces policies automatically, so you're always audit-ready.<sup>5</sup>

Get peace of mind with future-ready security — the world's first printers protected against quantum attacks.<sup>7</sup>

### Save energy and help reduce waste

Reduce costs and environmental impact with printers and toner cartridges that use less energy.<sup>8</sup>

Meet the rigorous criteria of EPEAT Gold, Energy Star, and Blue Angel with our energy efficient designs.<sup>9</sup>

Help reduce plastic waste with TerraJet Toner Cartridges designed with recycled plastics.<sup>10</sup>

Easily recycle your used HP TerraJet Toner Cartridges for free through the HP Planet Partners Program.<sup>11</sup>

## Product walkaround

HP LaserJet Enterprise X50352dn Printer shown

1. 250-sheet output bin supports media sizes up to Legal (21.6 x 35.6 cm)
2. Hardware Integration Pocket (for connecting accessories and third-party devices)<sup>1</sup>
3. 550-sheet tray 2 supports media sizes up to Legal (21.6 x 35.6 cm)
4. 100-sheet multipurpose tray 1 supports media sizes up to Legal (21.6 x 35.6 cm)
5. Automatic 2-sided printing
6. 2.7-inch color non-touch display (6.8cm)



## Accessories, Supplies and Support

Supplies	W9187MC HP W9187MC Black Managed LaserJet Toner Cartridge (Average cartridge yields 28,000 standard pages. Declared yield value in accordance with ISO/IEC 19752.)
Accessories	ZNR12A HP LaserJet 512 GB SED-TAA Full Kit SSD
	2TD64A HP Accessibility Kit
	478C2A HP Printing Voice Assistant
	6C7M6A HP LaserJet 550-sheet Paper Tray
	6W661A HP LaserJet X50352/X50452 Constellation Yellow Color Panel Kit
	6W662A HP LaserJet X50352/X50452 Cosmic Green Color Panel Kit
	6W663A HP LaserJet X50352/X50452 Aurora Purple Color Panel Kit
	6W664A HP LaserJet X50352/X50452 Comet Red Color Panel Kit
	6W665A HP LaserJet X50352/X50452 Lunar Gray Color Panel Kit
	6W681A HP 550 sheet Paper Tray Constellation Yellow Panel Kit
	6W682A HP 550 Sheet Paper Tray Cosmic Green Panel Kit
	6W683A HP 550 Sheet Paper Tray Aurora Purple Panel Kit
	6W684A HP 550 Sheet Paper Tray Comet Red Panel Kit
	6W685A HP 550 Sheet Paper Tray Lunar Gray Panel Kit
	6W686A HP Storage Stand Constellation Yellow Panel Kit
	6W687A HP Storage Stand Cosmic Green Panel Kit
	6W688A HP Storage Stand Aurora Purple Panel Kit
	6W689A HP Storage Stand Comet Red Panel Kit
	6W690A HP Storage Stand Lunar Gray Panel Kit
	8FP31A HP Jetdirect LAN Accessory
	9R1U0A HP JetDirect 3200w Wifi 6 Bluetooth Wireless Accessory
	B01KLA HP LaserJet 3x550 Sheet Paper Tray with Stand
	B01KMA HP LaserJet Lunar Gray 3x550 Sheet Paper Tray with Stand
	B01KNA HP LaserJet Comet Red 3x550 Sheet Paper Tray with Stand
	B01KPA HP LaserJet Cosmic Green 3x550 Sheet Paper Tray with Stand
	B01KQA HP LaserJet Aurora Purple 3x550 Sheet Paper Tray with Stand
	B01KRA HP LaserJet Constellation Yellow 3x550 Sheet Paper Tray with Stand
	B01KSA HP LaserJet Envelope Feeder Kit
	B01KTA HP LaserJet 550 Sheet Paper Tray with Storage Stand
	B01KVA HP LaserJet Lunar Gray 550 Sheet Paper Tray with Storage Stand
	B01KXA HP LaserJet Cosmic Green 550 Sheet Paper Tray with Storage Stand
	B01KYA HP LaserJet Aurora Purple 550 Sheet Paper Tray with Storage Stand
	B01KZA HP LaserJet Constellation Yellow 550 Sheet Paper Tray with Storage Stand
	B5L31A HP Foreign Interface Harness
	B8GR1A HP LaserJet 550 Sheet Paper Constellation Yellow Tray
	B8GR2A HP LaserJet 550 sheet Paper Cosmic Green Tray
	B8GR3A HP LaserJet 550 sheet Paper Aurora Purple Tray
	B8GR4A HP LaserJet 550 sheet Paper Comet Red Tray
	B8GR5A HP LaserJet 550 sheet Paper Lunar Gray Tray
	Service and Support
JN9J2E-HP 4 year Next Business Day Onsite with DMR Service for LaserJet Enterprise X50352	
JN9J3E-HP 5 year Next Business Day Onsite with DMR Service for LaserJet Enterprise X50352	
JN9J4PE-HP 1 year Post Warranty NBD Onsite with DMR Service for LaserJet Enterprise X50352	
JN9J9E-HP 3 year Parts Exchange with DMR Service for LaserJet Enterprise X50352	
JN9K0E-HP 4 year Parts Exchange with DMR Service for LaserJet Enterprise X50352	
JN9K1E-HP 5 year Parts Exchange with DMR Service for LaserJet Enterprise X50352	
JN9K2PE-HP 1 year Post Warranty Parts Exchange with DMR Service for LaserJet Enterprise X50352	
U67T2E-HP Print Carbon Emissions Sync Service for A4 Products only	
U9JT2E-HP Installation Service with network configuration for Workgroup Printer(1 unit)	

<sup>1</sup> Solutions deployed through the Hardware Integration Pocket (HIP) may require additional purchase.

## Technical specifications

<b>Model</b>	HP LaserJet Enterprise X50352dn Printer
<b>Product number</b>	A29Z4A
<b>Functions</b>	Print
<b>Control panel</b>	2.7-in (6.86 cm) Non-touch QVGA LCD (color graphics) display with 24-key pad
<b>Print</b>	
Print technology	Laser
Print speed <sup>1,5</sup>	<b>Black (A4, normal):</b> Up to 50 ppm; <b>Black (A4, duplex):</b> Up to 41 ipm; <b>Print speed black (Landscape, A5):</b> Up to 76 ppm
First page out <sup>6</sup>	<b>Black (A4, ready):</b> As fast as 4.1 sec; <b>Black (A4, sleep):</b> As fast as 7.3 sec
Print resolution	<b>Black (best):</b> Up to 1200 x 1200 dpi; <b>Technology:</b> Normal (600 x 600 dpi with FastRes), Fine Lines (1200 x 1200 dpi), Quickview (300 x 300 dpi)
Monthly duty cycle <sup>7</sup>	Up to 225,000 pages A4; <b>Recommended monthly page volume<sup>8</sup>:</b> 7,500 to 18,750
Printer smart software features	Print preview, duplex printing, print multiple pages per sheet (2, 4, 6, 9, 16), collation, watermarks, store print jobs, easy-access USB
Standard print languages	HP PCL 6, HP PostScript level 3 emulation, native PDF printing (v 1.7), Apple AirPrint™
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>
Print area	<b>Print margins</b> Top: 4.23 mm, Bottom: 4.23 mm, Left: 4.23 mm, Right: 4.23 mm; Maximum print area: 212 x 352 mm
Duplex printing	Automatic (standard)
Processor speed	1.4 GHz
Storage	8 GB eMMC
<b>Connectivity</b>	
Standard	1 Hi-Speed USB 2.0 (device); 1 Hi-Speed USB 2.0 (client); 1 Gigabit Ethernet 10/100/1000 Base-T network; 1 Hardware Integration Pocket 2nd generation (HIP2)
Optional	HP Jetdirect 3200w WiFi 6 Bluetooth Wireless Accessory 9R1U0A; HP Jetdirect LAN Accessory 8FP31A
Mobile printing capability	Apple AirPrint™; Mopria™ certified
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: SLIP, 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
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) support
Memory	<b>Standard:</b> 2 GB; <b>Maximum:</b> 2 GB
<b>Media handling</b>	
Number of paper trays	<b>Standard:</b> 2; <b>Maximum:</b> 5 <sup>14</sup>
Media types	Paper (bond, color, letterhead, plain, preprinted, prepunched, recycled, rough); envelopes; labels; cardstock; transparencies; user-defined
Media size	<b>Custom (metric):</b> Tray 1: 76.2 x 127 to 216 x 356 mm; Tray 2: 105 x 148 to 216 x 356 mm; <b>Optional 550-sheet Tray:</b> 105 x 148 to 216 x 356 mm; <b>Envelope Feeder Accessory:</b> 98 x 162 to 178 x 254 mm <b>Supported (metric):</b> 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); <b>Optional 550-sheet Tray:</b> A4, A5, A6, RA4, B5 (JIS), B6 (JIS), Oficio (216 x 340), 16K, postcards (JIS double); <b>Automatic Duplexer:</b> A4, A5, RA4, B5, 16K (195 x 270 mm, 184 x 260 mm, 197 x 273 mm), Oficio; <b>Envelope Feeder Accessory:</b> B5, C5, C6, DL
Media handling	<b>Standard input:</b> 100-sheet multipurpose Tray 1, 550-sheet input Tray 2, automatic duplex printing <b>Standard output:</b> 250-sheet output bin <b>Optional input:</b> Optional 1 x 550-sheet paper feeder, 1 x 550-sheet feeder with cabinet, 2000-sheet feeder high capacity input with 1 x 550-sheet paper feeder, optional 3 x 550-sheet feeder, optional envelope feeder
Media weight	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>
Input capacity	<b>Tray 1:</b> Sheets: 100; Envelopes: 10 <b>Tray 2:</b> Sheets: 550; Labels: Up to 500 <b>Tray 3:</b> Sheets: 550; Envelope Accessory Tray: 50 Envelopes <b>Maximum:</b> Up to 2300 sheets
Output capacity	<b>Standard:</b> Up to 250 sheets <b>Envelopes:</b> Up to 30 envelopes <b>Transparencies:</b> Up to 100 sheets <b>Maximum:</b> Up to 250 sheets
Envelope feeder	Yes, 50 (optional) <sup>13</sup>
<b>Compatible operating systems<sup>12</sup></b>	
	Windows 11 (64-bit and ARM64); Windows 10 (32-bit, 64-bit and ARM64); Android; iOS; macOS 14 Sonoma; macOS 15 Sequoia; macOS Tahoe v26; Linux: Debian 10; Linux: Debian 11; Linux: Elementary 6P; Linux: Fedora 31; Linux: Fedora 32; Linux: Fedora 33; Linux: Fedora 34; Linux: Fedora 35; Linux: Linuxmint 20.1; Linux: Linuxmint 20.2; Linux: Manjorlinux 20.2; Linux: Manjorlinux 21.0.7; Linux: Mxlinux 21; Linux: OpenSuse 15.1; Linux: OpenSuse 15.2; Linux: OpenSuse 15.3; Linux: RHEL 6; Linux: RHEL 7; Linux: RHEL 8; Linux: Ubuntu 20.04; Linux: Ubuntu 20.10; Linux: Ubuntu 21.04; Linux: Ubuntu 21.10; Linux: Zorin 15; Linux: Zorin 16; Chrome OS
<b>Security management</b>	
	Identify management: Role Based Access Control (RBAC) Walk-up and Remote Access; Admin PW Protected EWS and Remote Access, Self-signed Certificate; Encrypted passwords; Personal on-device user accounts; Account Lockout (time-based); Kerberos AuthN; LDAP authentication; 1000 user PIN codes; Optional HP and 3rd party passwordless, MFA solutions (e.g., badge readers, HP Authentication Suite with Workpath); Protected Access (embedded) end user passwordless MFA for Microsoft® Entra ID; Proximity card reader, single sign-on, smart card, CAC support. Network protection: IPsec/firewall with Certificate; Elliptic Curve Cryptography (ECC, EC-based certificates); Pre-Shared Key, Kerberos AuthN; Web Jetadmin fleet proxy; 802.1X (EAP-PEAP; EAP-TLS); SNMPv3; HTTPS with Server Certificate Validation; Certificate Provisioning and CA support; Access Control List. Data privacy and protection: Storage Encryption; Encrypted PDF & Email (uses FIPS 140 validated crypto libraries from Microsoft®); Secure Erase with job storage (3x overwrite for HDD, cryptographic erase for SSD); SSL/TLS 1.2, TLS 1.3 support (HTTPS; Encrypted Credentials; Secure encrypted print support via UPD); AI-enabled Guided Redaction data security (select models). Device protection: Continuous malware monitoring; HP SureStart with Quantum Resistant BIOS firmware integrity checking, PQC protection, and self-healing recovery; Allowlisting code validation (DLLs, EXEs, etc.) at time of use; Memory Shield hardware-enforced Runtime Intrusion Detection and Control Flow Integrity with self-healing recovery; AI-powered Connection Inspector network behavior anomaly detection with self-healing recovery; Trusted Platform Module 2.0; Configurable Service PIN; EU RED, UK PSTI, Australia Cybersecurity Act 2024 compliant; Embedded VPN (select HP Enterprise models); HP LaserJet Workflow Accelerator Card support (select HP Enterprise models); Wi-Fi security: WPA Enterprise; Security lock slot; USB host port disablement; Hardware integration pocket (HIP). Testing, Validation, Governance, and Compliance: FIPS 140-2, 140-3, Common Criteria Certification; HP Workpath support (select models); NIST security checklist; Supply Chain Security ISO/IEC 20243 Certifications. Fleet security management: HP Security Manager policy and device certificate management, fleet firmware vulnerability assessment; Compatible with Device Security Syslog Messages processed and accessible in SIEM tools; HP Workforce Experience Platform Support (select models); Original HP Enterprise Cartridge Security.
<b>Printer management</b>	
	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)
<b>Dimensions and weight</b>	
Printer dimensions (W x D x H)	<b>Minimum</b> 400 x 400 x 305 mm; <b>Maximum:</b> 400 x 725 x 305 mm
Printer weight <sup>3</sup>	~11.8 kg
Operating environment	<b>Temperature:</b> 15 to 32.5°C <b>Humidity:</b> 30 to 70% RH
Storage conditions	<b>Temperature:</b> -20 to 40°C
Acoustics <sup>1</sup>	<b>Acoustic power emissions:</b> 6.9 B(A) <b>Acoustic pressure emissions:</b> 54 dB(A)
Power <sup>9</sup>	<b>Requirements:</b> Input Voltage: 100 V - 127 V AC, 50 - 60 Hz, 8.8 A; or Input Voltage: 220 V - 240 V AC, 50 - 60 Hz, 4.6 A; <b>Consumption:</b> 552.4 watts (Printing), 4.89 watts (Ready), 0.76 watts (Sleep), 0.02 watts (Auto-Off), 0.02 watts (Off); <b>Typical Electricity Consumption (TEC)<sup>10</sup>:</b> 0.419 kWh/Week (Blue Angel); 0.400 kWh/Week (ENERGY STAR 3.0); <b>Power supply type:</b> Built-in 3-Pin 115V or 220V Internal Power Supply
<b>Energy savings feature technology</b>	
	HP Auto-Off Technology; Instant-on Technology; Low-power sleep mode; Power save; TerraJet Toner
<b>Certifications<sup>2</sup></b>	
	UL/UL (US/Canada); RCM (Australia); TUV and GS Mark (Germany); Department of Industrial Standards of Cambodia; Bureau of Standards, Metrology and Inspection Ministry of Economic Affairs - BSMI (Taiwan); Certificate of China Compulsory Product Certification - CCC (China); Bureau of Indian Standards - BIS Registration (India); PSB (Singapore); Eastern European country approvals; CE Marking; Other Safety & EMC Certification approvals as required by individual countries. <b>Electromagnetic emission standard:</b> CISPR 22:2008 (International) Class A, CISPR 32:2015 (International) Class A / EN 55032:2015 Class A + A1:2020, CISPR 35:2016 (International) / EN 55035:2017 + A1:2020, EN IEC 61000-3-2:2019 + A1:2021, EN IEC 61000-3-3:2013+A1:2019 + A2:2021, FCC 47 CFR Part 15 Class A, ICES-003, Issue 7 Class A. Other EMC approvals as required by individual countries. <b>CEC:</b> IT ECOL Declaration; Blue Angel; EPEAT® Gold India; EPEAT® Gold Australia; EPEAT® Gold Canada; EPEAT® Gold US; SEPA; KOECO; ENERGY STAR® certified; Korea MEPS; Vietnam MEPS <b>Blue Angel compliant<sup>11</sup></b> Yes, Blue Angel DE-ÜZ 219—only ensured when using Original HP supplies
<b>Sustainable impact specifications</b>	
Country of origin	Vietnam
What's in the box	A29Z4A HP LaserJet Enterprise X50352dn 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 ~6,000 pages black
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)

## Footnotes

- <sup>1</sup> 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).
- <sup>2</sup> 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.
- <sup>3</sup> 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.
- <sup>4</sup> HP Smart Device Services (SDS) is supported on both A3 and A4 LaserJet devices, requires Original HP supplies to be installed in the device, and supports Managed, Enterprise, and Pro-class HP devices dating back to 2008. Capabilities vary based on the age of the legacy device and Pro-class capabilities. For details, see: <https://hpsdsdevicesupport.com>
- <sup>5</sup> HP Security Manager must be purchased separately. For details, see [hp.com/go/securitymanager](http://hp.com/go/securitymanager).
- <sup>7</sup> Based on HP's internal analysis of business Printers with preinstalled encryption, authentication, malware protection, post-quantum 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.
- <sup>8</sup> Energy reduction in HP LaserJet Enterprise X50352-X50452 and X52952-X53052 with HP Original 159 TerraJet Toner Cartridges compared to predecessor HP LaserJet Enterprise E50145 and E52645 with HP Original 89 Toner Cartridges. Calculated in 2026 based on normalized Energy Star® Typical Electricity Consumption (TEC) data. See [hp.com/TerraJet/energysaving](http://hp.com/TerraJet/energysaving) for more information.
- <sup>9</sup> 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 X50352-X50452/MFP X52952-X53052 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.
- <sup>10</sup> Recycled plastic in Original HP 159 and 160 TerraJet Toner Cartridges measured in 2026 and expressed as a percentage of total weight of plastic. See [hp.com/TerraJet/plasticreductions](http://hp.com/TerraJet/plasticreductions) for more information.
- <sup>11</sup> Program availability varies. For more information, visit [hp.com/hprecycle](http://hp.com/hprecycle).

## Technical specifications disclaimers

- <sup>1</sup> Active Printing measured on worse case bundle/mode, printing A4 simplex at 50 ppm.
- <sup>2</sup> EPEAT® registered where applicable. EPEAT registration varies by country. See <http://www.epeat.net> for registration status by country. ENERGY STAR and the ENERGY STAR logo are registered U.S. marks.
- <sup>3</sup> With print cartridges
- <sup>4</sup> Measured using ISO/IEC 24734, excludes first set of test documents. For more information see <https://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, software application, driver, and document complexity.
- <sup>5</sup> Measured using ISO/IEC 24734 Feature Performance Test, excludes first set of test documents. For more information see <https://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, software application, driver, and document complexity.
- <sup>6</sup> Device first page out time based on HP internal measurement of printer activation until page exit. Measurement based on industry-standard ISO/IEC 17629 can be found at <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, software application, driver, and document complexity.
- <sup>7</sup> Duty cycle is defined as the maximum number of pages per month of imaged output. This value provides a comparison of product robustness in relation to other HP LaserJet or HP Color LaserJet devices, and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or groups.
- <sup>8</sup> HP recommends that the number of pages per month of imaged output be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period. The range shown is based on 60 months of output for the lower monthly value and 24 months of output for the higher monthly value.
- <sup>9</sup> Power consumption values based on measurement of 115 V device. Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and void the product warranty.
- <sup>10</sup> Typical Electricity Consumption (TEC) rating represents the typical electricity consumed by a product during 1 week, measured in kilowatt-hours (kWh).
- <sup>11</sup> Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and void the product warranty. ENERGY STAR value typically based on measurement of 115 V device and 230 V for Blue Angel.
- <sup>12</sup> Citrix Server versions updates release every quarter, for updates see <https://www.citrix.com/en-in/downloads/citrix-virtual-apps-and-desktops/>; Citrix XenApp & XenDesktop versions updates release every quarter, for updates see <https://www.citrix.com/en-in/downloads/citrix-virtual-apps-and-desktops/>; Citrix Ready Kit Certification - see <http://citrixready.citrix.com> for the latest qualification for HP Printers;
- <sup>13</sup> Envelope feeder available as an accessory kit and requires that an additional Tray must be present in the Tray 3 position. Additional trays can be ordered as accessories to suit your requirements.
- <sup>14</sup> The printer can support up to 2 additional trays for desktop use and up to 3 additional trays for floor standing. Floor standing configurations must be built up from one of the two floor standing accessories - 3 x 550 Sheet Paper Tray with Stand, or 1 x 550 Sheet Paper Tray with Storage Stand.

