# HP Color LaserJet Managed MFP E47528f





## Small and mighty: HP's smallest Enterprise MFP

HP Managed MFPs and printers are optimised for managed environments. With increased monthly page volumes and fewer interventions, this portfolio of products can help reduce printing and copying costs. See your HP Authorized Reseller for details.





This printer uses dynamic security, which may be updated periodically by firmware updates. The printer is intended to be used solely with cartridges using an original HP chip. Cartridges using a non-HP chip may not function or may cease to function. More at: Learn more at: www.hp.com/learn/ds

### Easy to use, simple to manage

- HP FutureSmart firmware can be updated with the latest features<sup>1</sup> to optimise your investment for years to come.
- Centralise control of your printing environment with HP Web Jetadmin and help build business efficiency.<sup>2</sup>
- Easily enable workflows across your fleet with a consistent user experience and intuitive, tablet-like icons.
- Set up this MFP fast, and easily manage device settings to help increase efficiency.

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

- The operating code (BIOS) is automatically checked during startup and repairs itself if compromised.
- Common Criteria certified<sup>4</sup> to continually monitor memory activity to detect and stop attacks in real time.
- Firmware is automatically checked during startup to determine if it's authentic code digitally signed by HP.
- The printer's outgoing network connections are inspected to stop suspicious requests and thwart malware.
- Safeguard data stored on this MFP keys, passwords, certificates, and more with the embedded HP Trusted Platform Module.<sup>5</sup>

### Enhanced productivity to empower work teams

- Give workgroups what they need to succeed with hundreds of HP and third-party solutions and card reader support.
- Optimise workflows, reduce steps and errors, and support mobile workers with optional MFP apps that meet your specific business needs.
- Help ensure the security of confidential information with PIN/Pull printing to retrieve print iobs.
- Stay connected with an optional accessory for wireless,<sup>6</sup> Bluetooth® Low Energy, and NFC touch-to-print.
- Easily manage projects directly at the MFP with a customisable 10.9 cm (4.3 inch) colour touchecreen

## Sustainability is smart business

- Help save paper right out of the box. Two-sided (duplex) printing is set at default for automatic savings.<sup>7</sup>
- Help reduce wasted paper and toner by only printing jobs that are truly needed, using HP Roam for Business.<sup>8</sup>
- Save energy without sacrificing performance this MFP is ENERGY STAR® and Blue Angel certified
- Remove barriers and help meet compliance and accessibility standards with the HP
   Accessibility Kit (includes Braille overlay and tactile adhesives, an HP Access Handle, and
   BigKeys LX Keyboard) and compatibility with HP Accessibility Assistant.<sup>9</sup>

## Product walkaround

## HP Color LaserJet Managed MFP E47528f shown

- 1. 10.9 cm colour touchscreen
- 2. Easy-access USB port
- 3. 150 sheet output bin
- 4. Automatic two-sided printing (default)
- 5. Front door, access to Original HP Toner cartridges with JetIntelligence
- 6. 50 sheet multipurpose input tray 1
- 7. 250 sheet input tray 2
- 8. 50 sheet automatic document feeder (ADF)
- 9. Right door, access to print path
- 10. Convenient front on/off switch
- 11. Hi-Speed USB 2.0 port for third-party devices
- 12. Hi-Speed USB 2.0 printing port
- 13. Gigabit Ethernet network port



# Accessories, Supplies and Support

Supplies	W9090MC HP Black Managed Original LaserJet Toner Cartridge (~8,600 pages) W9091MC HP Cyan Managed Original LaserJet Toner Cartridge (~6,900 pages) W9092MC HP Yellow Managed Original LaserJet Toner Cartridge (~6,900 pages) W9093MC HP Magenta Managed Original LaserJet Toner Cartridge (~6,900 pages)
Accessories	2MU47A HP Accessibility Assistant
	2TD64A HP Accessibility Kit
	3JN69A HP Jetdirect 3100w BLE/NFC/Wireless Accessory
	4QL32A HP Legic Secure USB Reader
	8FP31A HP Jetdirect LAN Accessory
	B5L31A HP Foreign Interface Harness
	CF404A HP LaserJet 550-sheet Feeder Tray
	X3D03A HP Universal USB Proximity Card Reader
	Y7C05A HP HIP2 Keystroke Reader
Service and Support	U11VKE HP 3 year Next Business Day Color LaserJet Managed MFP E47528 service U11VLE HP 4 year Next Business Day Color LaserJet Managed MFP E47528 service U11VME HP 5 year Next Business Day Color LaserJet Managed MFP E47528 service U11VSE HP 3 year Channel Parts Only Color LaserJet Managed MFP E47528 service U11VTE HP 4 year Channel Parts Only Color LaserJet Managed MFP E47528 service U11VVE HP 5 year Channel Parts Only Color LaserJet Managed MFP E47528 service U11VVE HP 1 year Post Warranty Next Business Day Color LaserJet Managed MFP E47528 service U11VXPE HP 2 year Post Warranty Next Business Day Color LaserJet Managed MFP E47528 service U11DPPE HP 1 year Post Warranty Channel Parts Only Color LaserJet Managed MFP E47528 service U11VPPE HP 2 year Post Warranty Channel Parts Only Color LaserJet Managed MFP E47528 service

## **Technical specifications**

Model	HP Color LaserJet Managed MFP E47528f
Product number	30A75A
Functions	Print, copy, scan, fax
Control panel	10.9 cm Colour Capacitive Touch Control Panel
Print	10.5 threaton capacitive four control runer
Print technology	Laser
Print speed <sup>1</sup>	Black (A4, normal): Up to 27 ppm; Colour (A4, normal): Up to 27 ppm; Black (A4, duplex): Up to 24 ipm; Colour (A4, duplex): Up to 24 ipm;
First page out <sup>2</sup>	Black (A4, ready): As fast as 9.5 sec; Colour (A4, ready): As fast as 11.0 sec; Black (A4, sleep): As fast as 11.0 sec; Colour (A4, sleep): As fast as 12.1 sec;
Print resolution	Black (best): Up to 600 x 600 dpi; Colour (best): Up to 600 x 600 dpi; Technology: HP ImageREt 3600, Enhanced (600x600 dpi), Fine Lines (1200x1200 dpi), Quickview (300x300 dpi);
Monthly duty cycle	Up to 65,000 pages A4; Recommended monthly page volume: 1,500 to 7,500
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 PCL 5, 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 available at Http://www.hp.com/go/laserjetfonts
Print area	Print margins Top: 2 mm, Bottom: 2 mm, Left: 2 mm, Right: 2 mm; Maximum print area: 212 x 352 mm
Duplex printing	Automatic (default)
Сору	
Copy speed	Black (A4): Up to 27 cpm; Colour (A4): Up to 27 cpm
Copier specifications	Two-sided copying; Scalability; Image adjustments (darkness, contrast, background cleanup, sharpness); N-up; N or Z-ordering; Content orientation; Collation; Booklet; Job build; Edge-to-edge; Job storage; ID Copy; Book Copy; A-to-B Copy (different media sizes); Maximum number of copies. Up to 9999 copies; Reduce/Enlarge: 25 to 400%
Scan	
Scan speed <sup>3</sup>	Normal (A4): Up to 29 ppm/46 ipm (black and white), up to 20 ppm/35 ipm (colour) ;Duplex (A4): Up to 46 ipm (black and white), up to 35 ipm (colour)
Scanner specifications	Scanner type Flatbed, ADF; Scan technology: Contact Image Sensor (CIS); Twain version: Version 2.1; Duplex ADF scanning: Yes, single pass duplex scanning; Scan size maximum (flatbed, ADF): 216 x 297 mm; Optical scan resolution: up to 600 dpi
Scanner advanced features	Optimise text/picture; Image adjustments; Job build; Output quality setting; Selectable scan resolution 75 to 600 dpi; Auto detect colour; Edge Erase; Job notification; Blank page suppression; HP Quick Sets
Recommended monthly scan volume	900 to 4800
Scannable area	Maximum media size (flatbed): 216 x 297 mm; Minimum media size (ADF): 127 x 178 mm Maximum media size (ADF): 216 x 356 mm
Scannable area Bit depth/ Grey scale levels	Maximum media size (flatbed): 216 x 297 mm; Minimum media size (ADF): 127 x 178 mm Maximum media size (ADF): 216 x 356 mm  24-bit / 256
Bit depth/ Grey scale levels	24-bit / 256  Standard: Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to FTP; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Colour Sense; Auto Crop To Content; Compact PDF; Optional: Authentication; HP Digital Sending Software (Optional); Digital fax (send to LAN,
Bit depth/ Grey scale levels Digital sending	24-bit / 256  Standard: Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to FTP; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Colour Sense; Auto Crop To Content; Compact PDF; Optional: Authentication; HP Digital Sending Software (Optional); Digital fax (send to LAN,
Bit depth/ Grey scale levels Digital sending Fax	24-bit / 256 Standard: Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to FTP; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Colour Sense; Auto Crop To Content; Compact PDF; Optional: Authentication; HP Digital Sending Software (Optional); Digital fax (send to LAN, Internet); Local Address Book; OCR
Bit depth/ Grey scale levels  Digital sending  Fax  Fax <sup>4</sup>	24-bit / 256  Standard: Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to FTP; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Colour Sense; Auto Crop To Content; Compact PDF; Optional: Authentication; HP Digital Sending Software (Optional); Digital fax (send to LAN, Internet); Local Address Book; OCR  Yes, 33.6 kbps  Fax memory: Dependent on the amount of available disk space; Fax resolution: Standard: 203 x 98 dpi; Fine: Up to 203 x 196 dpi; 256 levels of gray; Superfine: Up to 300 x 300 dpi; Quick dialing: Up to 1000 numbers; Telecom compliance: ES 203 021-1 v2.1.1; ES 203 021-2 v2.1.2; ES 203 021-3 v2.1.2. Other Telecom approvals as
Bit depth/ Grey scale levels Digital sending  Fax Fax <sup>4</sup> Fax specifications	24-bit / 256  Standard: Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to FTP; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Colour Sense; Auto Crop To Content; Compact PDF; Optional: Authentication; HP Digital Sending Software (Optional); Digital fax (send to LAN, Internet); Local Address Book; OCR  Yes, 33.6 kbps  Fax memory: Dependent on the amount of available disk space; Fax resolution: Standard: 203 x 98 dpi; Fine: Up to 203 x 196 dpi; 256 levels of gray; Superfine: Up to 300 x 300 dpi; Quick dialing: Up to 1000 numbers; Telecom compliance: ES 203 021-1 v2.1.1; ES 203 021-2 v2.1.2; ES 203 021-3 v2.1.2. Other Telecom approvals as required by individual countries.
Bit depth/ Grey scale levels  Digital sending  Fax  Fax  Fax  Fax specifications  Fax smart software features	24-bit / 256  Standard: Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to FTP; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Colour Sense; Auto Crop To Content; Compact PDF; Optional: Authentication; HP Digital Sending Software (Optional); Digital fax (send to LAN, Internet); Local Address Book; OCR  Yes, 33.6 kbps  Fax memory: Dependent on the amount of available disk space; Fax resolution: Standard: 203 x 98 dpi; Fine: Up to 203 x 196 dpi; 256 levels of gray; Superfine: Up to 300 x 300 dpi; Quick dialing: Up to 1000 numbers; Telecom compliance: ES 203 021-1 v2.1.1; ES 203 021-2 v2.1.2; ES 203 021-3 v2.1.2. Other Telecom approvals as required by individual countries.  Stored faxes; Fax archiving; Fax forwarding; Scale to fit; Fax address book; LAN/Internet fax; Fax number confirmation; Holiday fax schedule
Bit depth/ Grey scale levels Digital sending  Fax Fax <sup>4</sup> Fax specifications Fax smart software features Processor speed	24-bit / 256  Standard: Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to FTP; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Colour Sense; Auto Crop To Content; Compact PDF; Optional: Authentication; HP Digital Sending Software (Optional); Digital fax (send to LAN, Internet); Local Address Book; OCR  Yes, 33.6 kbps  Fax memory: Dependent on the amount of available disk space; Fax resolution: Standard: 203 x 98 dpi; Fine: Up to 203 x 196 dpi; 256 levels of gray; Superfine: Up to 300 x 300 dpi; Quick dialing: Up to 1000 numbers; Telecom compliance: ES 203 021-1 v2.1.1; ES 203 021-2 v2.1.2; ES 203 021-3 v2.1.2. Other Telecom approvals as required by individual countries.  Stored faxes; Fax archiving; Fax forwarding; Scale to fit; Fax address book; LAN/Internet fax; Fax number confirmation; Holiday fax schedule
Bit depth/ Grey scale levels Digital sending  Fax Fax Fax Fax specifications Fax smart software features Processor speed Connectivity	24-bit / 256  Standard: Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to FTP; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Colour Sense; Auto Crop To Content; Compact PDF; Optional: Authentication; HP Digital Sending Software (Optional); Digital fax (send to LAN, Internet); Local Address Book; OCR  Yes, 33.6 kbps  Fax memory: Dependent on the amount of available disk space; Fax resolution: Standard: 203 x 98 dpi; Fine: Up to 203 x 196 dpi; 256 levels of gray; Superfine: Up to 300 x 300 dpi; Quick dialing: Up to 1000 numbers; Telecom compliance: ES 203 021-1 v2.1.1; ES 203 021-2 v2.1.2; ES 203 021-3 v2.1.2. Other Telecom approvals as required by individual countries.  Stored faxes; Fax archiving; Fax forwarding; Scale to fit; Fax address book; LAN/Internet fax; Fax number confirmation; Holiday fax schedule  800 MHz
Bit depth/ Grey scale levels Digital sending Fax Fax Fax <sup>4</sup> Fax specifications Fax smart software features Processor speed Connectivity Standard	24-bit / 256  Standard: Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to FTP; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Colour Sense; Auto Crop To Content; Compact PDF; Optional: Authentication; HP Digital Sending Software (Optional); Digital fax (send to LAN, Internet); Local Address Book; OCR  Yes, 33.6 kbps  Fax memory: Dependent on the amount of available disk space; Fax resolution: Standard: 203 x 98 dpi; Fine: Up to 203 x 196 dpi; 256 levels of gray; Superfine: Up to 300 x 300 dpi; Quick dialing: Up to 1000 numbers; Telecom compliance: ES 203 021-1 v2.1.1; ES 203 021-2 v2.1.2; ES 203 021-3 v2.1.2. Other Telecom approvals as required by individual countries.  Stored faxes; Fax archiving; Fax forwarding; Scale to fit; Fax address book; LAN/Internet fax; Fax number confirmation; Holiday fax schedule  800 MHz  2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 FAX  HP Jetdirect LAN Accessory 8FP31A, HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A  Optional, enabled with purchase of a wireless hardware accessory. Dual band Wireless Station and Wi-Fi Direct functionality available with HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A
Bit depth/ Grey scale levels Digital sending  Fax Fax Fax <sup>4</sup> Fax specifications Fax smart software features Processor speed Connectivity Standard Optional	24-bit / 256  Standard: Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to FTP; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Colour Sense; Auto Crop To Content; Compact PDF; Optional: Authentication; HP Digital Sending Software (Optional); Digital fax (send to LAN, Internet); Local Address Book; OCR  Yes, 33.6 kbps  Fax memory: Dependent on the amount of available disk space; Fax resolution: Standard: 203 x 98 dpi; Fine: Up to 203 x 196 dpi; 256 levels of gray; Superfine: Up to 300 x 300 dpi; Quick dialing: Up to 1000 numbers; Telecom compliance: ES 203 021-1 v2.1.1; ES 203 021-2 v2.1.2; ES 203 021-3 v2.1.2. Other Telecom approvals as required by individual countries.  Stored faxes; Fax archiving; Fax forwarding; Scale to fit; Fax address book; LAN/Internet fax; Fax number confirmation; Holiday fax schedule  800 MHz  2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 FAX  HP Jetdirect LAN Accessory 8FP31A, HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A  Optional, enabled with purchase of a wireless hardware accessory. Dual band Wireless Station and Wi-Fi Direct functionality available with HP Jetdirect 3100w
Bit depth/ Grey scale levels  Digital sending  Fax  Fax  Fax <sup>4</sup> Fax specifications  Fax smart software features  Processor speed  Connectivity  Standard  Optional  Wireless	24-bit / 256  Standard: Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to FTP; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Colour Sense; Auto Crop To Content; Compact PDF; Optional: Authentication; HP Digital Sending Software (Optional); Digital fax (send to LAN, Internet); Local Address Book; OCR  Yes, 33.6 kbps  Fax memory: Dependent on the amount of available disk space; Fax resolution: Standard: 203 x 98 dpi; Fine: Up to 203 x 196 dpi; 256 levels of gray; Superfine: Up to 300 x 300 dpi; Quick dialing: Up to 1000 numbers; Telecom compliance: ES 203 021-1 v2.1.1; ES 203 021-2 v2.1.2; ES 203 021-3 v2.1.2. Other Telecom approvals as required by individual countries.  Stored faxes; Fax archiving; Fax forwarding; Scale to fit; Fax address book; LAN/Internet fax; Fax number confirmation; Holiday fax schedule  800 MHz  2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 FAX  HP Jetdirect LAN Accessory 8FP31A, HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A  Optional, enabled with purchase of a wireless hardware accessory. Dual band Wireless Station and Wi-Fi Direct functionality available with HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A
Bit depth/ Grey scale levels Digital sending  Fax Fax Fax <sup>4</sup> Fax specifications  Fax smart software features Processor speed Connectivity Standard Optional Wireless Mobile printing capability <sup>5</sup>	24-bit / 256  Standard: Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to FTP; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Colour Sense; Auto Crop To Content; Compact PDF; Optional: Authentication; HP Digital Sending Software (Optional); Digital fax (send to LAN, Internet); Local Address Book; OCR  Yes, 33.6 kbps  Fax memory: Dependent on the amount of available disk space; Fax resolution: Standard: 203 x 98 dpi; Fine: Up to 203 x 196 dpi; 256 levels of gray; Superfine: Up to 300 x 300 dpi; Quick dialing: Up to 1000 numbers; Telecom compliance: ES 203 021-1 v2.1.1; ES 203 021-2 v2.1.2; ES 203 021-3 v2.1.2. Other Telecom approvals as required by individual countries.  Stored faxes; Fax archiving; Fax forwarding; Scale to fit; Fax address book; LAN/Internet fax; Fax number confirmation; Holiday fax schedule  800 MHz  2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 FAX  HP Jetdirect LAN Accessory 8FP31A, HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A  Optional, enabled with purchase of a wireless hardware accessory. Dual band Wireless Station and Wi-Fi Direct functionality available with HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A  HP ePrint; Apple AirPrint™, Mopria™ Certified; Wi-Fi® Direct Printing; NFC Touch-to-print (optional); Roam capable for easy printing; PrinterOn Print  Via built-in networking solution: TCP/IP, IPv4, IPv6; Print: TCP-IP port 9100 Direct Mode, LPD, Web Services Printing, IPP 2.0, Apple AirPrint™, HP ePrint; Discovery: SLP, Bonjour, Web Services Discovery; IP Config: IPv4 (Boott), DHCP, AutolP, Manual), IPv6 (Stateless Link-Local and via Router, Statefull via DHCPv6); Management:
Bit depth/ Grey scale levels  Digital sending  Fax  Fax  Fax <sup>4</sup> Fax specifications  Fax smart software features  Processor speed  Connectivity  Standard  Optional  Wireless  Mobile printing capability <sup>5</sup> Supported network protocols	24-bit / 256  Standard: Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to FTP; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Colour Sense; Auto Crop To Content; Compact PDF; Optional: Authentication; HP Digital Sending Software (Optional); Digital fax (send to LAN, Internet); Local Address Book; OCR  Yes, 33.6 kbps  Fax memory: Dependent on the amount of available disk space; Fax resolution: Standard: 203 x 98 dpi; Fine: Up to 203 x 196 dpi; 256 levels of gray; Superfine: Up to 300 x 300 dpi; Quick dialing: Up to 1000 numbers; Telecom compliance: ES 203 021-1 v2.1.1; ES 203 021-2 v2.1.2; ES 203 021-3 v2.1.2. Other Telecom approvals as required by individual countries.  Stored faxes; Fax archiving; Fax forwarding; Scale to fit; Fax address book; LAN/Internet fax; Fax number confirmation; Holiday fax schedule  800 MHz  2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 FAX  HP Jetdirect LAN Accessory 8FP31A, HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A  Optional, enabled with purchase of a wireless hardware accessory. Dual band Wireless Station and Wi-Fi Direct functionality available with HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A  HP ePrint; Apple AirPrint™; Mopria™ Certified; Wi-Fi® Direct Printing; NFC Touch-to-print (optional); Roam capable for easy printing; PrinterOn Print  Via built-in networking solution: TCP/IP, IPv4, IPv6; Print: TCP-IP port 9100 Direct Mode, LPD, Web Services Printing, IPP 2.0, Apple AirPrint™, HP ePrint; Discovery: SLP, Bonjour, Web Services Discovery; IP Config: IPv4 (Boott, DHCP, AutoIP, Manual), IPv6 (Stateless): Link-Local and via Router, Statefull via DHCPv6); Management: SNMPv2/S, HTTP/HTTPS, Syslog; Security: SNMPv3, SSL Cert Management, IPSec(IKVe1) and IKEv2/J, FirmevIII, Bool. 1 in Print Print Processing Print Security: SNMPv3, SSL Cert Management, IPSec(IKVe1) and IKEv2/J, FirmevIII, Bool. 1 in Print Print Print Print Print Print Syslog; Security:
Bit depth/ Grey scale levels Digital sending  Fax Fax Fax <sup>4</sup> Fax specifications Fax smart software features Processor speed Connectivity Standard Optional Wireless Mobile printing capability <sup>5</sup> Supported network protocols Network capabilities	24-bit / 256  Standard: Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to FTP; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Colour Sense; Auto Crop To Content; Compact PDF; Optional: Authentication; HP Digital Sending Software (Optional); Digital fax (send to LAN, Internet); Local Address Book; OCR  Yes, 33.6 kbps  Fax memory. Dependent on the amount of available disk space; Fax resolution: Standard: 203 x 98 dpi; Fine: Up to 203 x 196 dpi; 256 levels of gray; Superfine: Up to 300 x 300 dpi; Quick dialing: Up to 1000 numbers; Telecom compliance: ES 203 021-1 v2.1.1; ES 203 021-2 v2.1.2; ES 203 021-3 v2.1.2. Other Telecom approvals as required by individual countries.  Stored faxes; Fax archiving; Fax forwarding; Scale to fit; Fax address book; LAN/Internet fax; Fax number confirmation; Holiday fax schedule  800 MHz  2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 FAX  HP Jetdirect LAN Accessory 8FP31A, HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A  Optional, enabled with purchase of a wireless hardware accessory. Dual band Wireless Station and Wi-Fi Direct functionality available with HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A  HP ePrint; Apple AirPrint™; Mporia™ Certified; Wi-Fi® Direct Printing; NFC Touch-to-print (optional); Roam capable for easy printing; PrinterOn Print  Via built-in networking solution: TCP/IP, IPv4, IPv6; Print: TCP-IP port 9100 Direct Mode, LPD, Web Services Printing, IPP 2.0, Apple AirPrint™. HP ePrint; Discovery; IP Config: IPv4 (Bootp, DHCP, Autolp, Manual), IPv6 (Stateless Link-Local and via Router, Statefull via DHCPv6); Management: SNMPv2/v3, HTTP/HTTPS, Syslog; Security: SNMPv3, SSL Cert Management, IPSec(IKEv1 and NESse-Tx, 1000Base-Tx, 1000Base-
Bit depth/ Grey scale levels Digital sending  Fax Fax Fax <sup>4</sup> Fax specifications  Fax smart software features Processor speed Connectivity Standard Optional Wireless Mobile printing capability <sup>5</sup> Supported network protocols  Network capabilities Hard disk	24-bit / 256  Standard: Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to FTP; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Colour Sense; Auto Crop To Content; Compact PDF; Optional: Authentication; HP Digital Sending Software (Optional); Digital fax (send to LAN, Internet); Local Address Book; OCR  Yes, 33.6 kbps  Fax memory. Dependent on the amount of available disk space; Fax resolution: Standard: 203 x 98 dpi; Fine: Up to 203 x 196 dpi; 256 levels of gray; Superfine: Up to 300 x 300 dpi; Oukk dialing: Up to 1000 numbers; Telecom compliance: ES 203 021-1 v2.1.1; ES 203 021-2 v2.1.2; ES 203 021-3 v2.1.2. Other Telecom approvals as required by individual countries.  Stored faxes; Fax archiving; Fax forwarding; Scale to fit; Fax address book; LAN/Internet fax; Fax number confirmation; Holiday fax schedule  800 MHz  2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 FAX  HP Jetdirect LAN Accessory 8FP31A, HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A  Optional, enabled with purchase of a wireless hardware accessory. Dual band Wireless Station and Wi-Fi Direct functionality available with HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A  HP ePrint; Apple AirPrint™; Mporia™ Certified; Wi-Fi® Direct Printing; NFC Touch-to-print (optional); Roam capable for easy printing; PrinterOn Print  Via built-in networking solution: TCP/IP, IPv4, IPv6; Print: TCP-IP port 9100 Direct Mode, LPD, Web Services Printing, IPP 2.0, Apple AirPrint™, HP ePrint; Discovery: SLP, Bonjour, Web Services Discovery; IP Config: IPv4 (Bootp, DHCP, AutoIP, Manual), IPv6 (Stateless Link-Local and via Router, Statefult via DHCPv6); Management. SNMPv2/N3, HTTP/HTTPFT, Syslog; Security: SNMPv3, SSL Cert Management, IPSec(IKEv1 and IKEv2), Firewall, 802.1x  Yes, via HP Jetdirect Ethernet embedded print server (standard) which supports: 10Base-T, 100Base-Tx, 1000Base-Tx, 1000Base-Tx, 1000Base-Tx, 1000Base-Tx, 1000Base-Tx, 1000Base-
Bit depth/ Grey scale levels  Digital sending  Fax  Fax  Fax <sup>4</sup> Fax specifications  Fax smart software features  Processor speed  Connectivity  Standard  Optional  Wireless  Mobile printing capability <sup>5</sup> Supported network protocols  Network capabilities  Hard disk  Memory	24-bit / 256  Standard: Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to FTP; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Colour Sense; Auto Crop To Content; Compact PDF; Optional: Authentication; HP Digital Sending Software (Optional); Digital fax (send to LAN, Internet); Local Address Book; OCR  Yes, 33.6 kbps  Fax memory. Dependent on the amount of available disk space; Fax resolution: Standard: 203 x 98 dpi; Fine: Up to 203 x 196 dpi; 256 levels of gray; Superfine: Up to 300 x 300 dpi; Outok dialing: Up to 1000 numbers; Telecom compliance: ES 203 021-1 v2.1.1; ES 203 021-2 v2.1.2; ES 203 021-3 v2.1.2. Other Telecom approvals as required by individual countries.  Stored faxes; Fax archiving; Fax forwarding; Scale to fit; Fax address book; LAN/Internet fax; Fax number confirmation; Holiday fax schedule  800 MHz  2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 FAX  HP Jetdirect LAN Accessory 8FP31A, HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A  Optional, enabled with purchase of a wireless hardware accessory. Dual band Wireless Station and Wi-Fi Direct functionality available with HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A  HP ePrint; Apple AirPrint™; Mopria™ Certified; Wi-Fi® Direct Printing; NFC Touch-to-print (optional); Roam capable for easy printing; PrinterOn Print  Via built-in networking solution: TCP/IP, IPv4, IPv6; Print: TCP-IP port 9100 Direct Mode, LPD, Web Services Printing, IPP 2.0, Apple AirPrint™, HP ePrint; Discovery: SLP, Bonjour, Web Services Discovery; IP Config: IPv4 (BootP, DHCP, AutoIP, Manual), IPv6 (Stateless Link-Local and via Router, Statefull via DHCPv6); Management. SNMPv2/N3, HTTP/HTTPFT, Syslog; Security: SNMPv3, SSL Cert Management, IPSec(IKEv1 and IKEv2), Firewall, 802.1x  Yes, via HP Jetdirect Ethernet embedded print server (standard) which supports: 10Base—T, 100Base—T, 100Base—T, 100Base—T, 100Base—T, 100Base—T, 100Base—T, 100Base—T, 100Base—
Bit depth/ Grey scale levels  Digital sending  Fax  Fax  Fax <sup>4</sup> Fax specifications  Fax smart software features  Processor speed  Connectivity  Standard  Optional  Wireless  Mobile printing capability <sup>5</sup> Supported network protocols  Network capabilities  Hard disk  Memory  Media handling	24-bit / 256  Standard: Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to FTP; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Colour Sense; Auto Crop To Content; Compact PDF; Optional: Authentication, HP Digital Sending Software (Optional); Digital fax (send to LAN, Internet); Local Address Book; OCR  Yes, 33.6 kbps  Fax memory: Dependent on the amount of available disk space; Fax resolution: Standard: 203 x 98 dpj; Fine: Up to 203 x 196 dpj; 256 levels of gray; Superfine: Up to 300 x 300 dpj; Quick dialing: Up to 1000 numbers; Telecom compliance: ES 203 021-1 v2.1.1; ES 203 021-2 v2.1.2; ES 203 021-3 v2.1.2. Other Telecom approvals as required by individual countries.  Stored faxes; Fax archiving; Fax forwarding; Scale to fit; Fax address book; LAN/Internet fax; Fax number confirmation; Holiday fax schedule  800 MHz  2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 FAX  HP Jetdirect LAN Accessory 8FP31A, HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A  Optional, enabled with purchase of a wireless hardware accessory. Dual band Wireless Station and Wi-Fi Direct functionality available with HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A  HP ePrint; Apple AirPrint™; Mopria™ Certified; Wi-Fi® Direct Printing; NFC Touch-to-print (optional); Roam capable for easy printing; PrinterOn Print  Via built-in networking solution: TCP/IP, IPv4, IPv6; Print: TCP-IP port 9100 Direct Mode, LPD, Web Services Printing, IPP 2.0, Apple AirPrint™, HP ePrint; Discovery; SLP, Bonjour, Web Services Discovery; IP Config: IPv4 (Boottp. DicP. Autol) Manual), IPv6 (Stateless Link-Local and via Route; Statefull via BHCPv6); Management: SNMPv2/v3, HTTP/HTTPS, Syslog; Security: SNMPv3, SSL Cert Management, IPSec(IKEv1 and IKEv2), Firewall, 802.1x  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 (st
Bit depth/ Grey scale levels  Digital sending  Fax  Fax  Fax <sup>4</sup> Fax specifications  Fax smart software features  Processor speed  Connectivity  Standard  Optional  Wireless  Mobile printing capability <sup>5</sup> Supported network protocols  Network capabilities  Hard disk  Memory  Media handling  Number of paper trays	24-bit / 256  Standard: Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to FTP; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Colour Sense; Auto Crop To Content; Compact PDF; Optional: Authentication; HP Digital Sending Software (Optional); Digital fax (send to LAN, internet); Local Address Book; OCR  Yes, 33.6 kbps  Fax memory: Dependent on the amount of available disk space; Fax resolution: Standard: 203 x 98 dpi; Fine: Up to 203 x 196 dpi; 256 levels of gray; Superfine: Up to 300 x 300 dpi; Quick dialing: Up to 1000 numbers; Telecom compliance: E5 203 021-1 v2.1.1; E5 203 021-2 v2.1.2; E5 203 021-3 v2.1.2. Other Telecom approvals as required by individual countries.  Stored faxes; Fax archiving; Fax forwarding; Scale to fit; Fax address book; LAN/Internet fax; Fax number confirmation; Holiday fax schedule  800 MHz  2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 FAX  HP Jetdirect LAN Accessory 8FP31A, HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A  Optional, enabled with purchase of a wireless hardware accessory. Dual band Wireless Station and Wi-Fi Direct functionality available with HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A  HP ePrint; Apple AirPrint™; Mopria™ Certified; Wi-Fi® Direct Printing; NFC Touch-to-print (optional); Roam capable for easy printing; PrinterOn Print  Via built-in networking solution: TCPI/R IPv4, IPv6; Print: TCP-IP port 9100 Direct Mode, LPD, Web Services Printing, IPP 2.0, Apple AirPrint™, IPP ePrint; Discovery; SLP, Bonjour, Web Services Discovery; IP Config: IPv4 (BootR, DHCP, Autoli, Autoli, Auguster), IPv6 (Kstateless Link-Local and via Router, Statefull via DHCPv6); Management: SNMPv2/v3, HTTP/HTTPS, Syslog; Security: SNMPv3, SSL Cert Management, IPSec(IKEV1 and IKEv2), Firewall, 802.11a/blg/n wireless networking (Optional); Second Ethernet port (Optional).  Not available  Standard: 2 (Baximum: 2 GB

Model	HP Color LaserJet Managed MFP E47528f
Product number	3QA75A
	Standard input: 50 sheet multipurpose tray, 250 sheet input tray
Media handling	Standard output: 150 sheet output bin Optional input: Optional 550 sheet tray; All trays include fixed-size paper tray guides ADF: Standard, 50 sheets
Media weight	Tray 1: 60 to 176 g/m² (up to 200 g/m² with postcards and HP Color laser glossy photo papers); Tray 2: 60 to 163 g/m² (up to 176 g/m² with postcards, up to 200 g/m² HP Color laser glossy photo papers); Optional Tray 3: 60 to 163 g/m² (up to 176 g/m² with postcards, up to 150 g/m² Glossy media); Automatic duplexer: 60 to 163 g/m²
Input capacity	Tray 1: Sheets: 50; envelopes: 5 Tray 2: Sheets: 250; envelopes: 10 Tray 3: Sheets: 550 Maximum: Up to 850 sheets (with Optional 550 sheet tray) ADF: Standard, 50 sheets
Output capacity	Standard: Up to 150 sheets Envelopes: Up to 20 envelopes Maximum: Up to 150 sheets
Compatible operating systems	Windows Client OS (32/64-bit): Win10, Win8.1, Win7 Ultimate; Mobile OS: iOS, Android; Mac: Apple® MacOS High Sierra v10.13, Apple® MacOS Mojave v10.14, Apple® MacOS Catalina v10.15; Discrete PCL6 Printer Driver: For more information on the supported operating systems go to http://www.support.hp.com, enter your product name and search, click on User Guides and enter your product name and search for User Guide, Search for tyour (Product Name) - User Guide, Search for the Supported Operating Systems section, UPD PCL6 / PS Printer Drivers; Supported Operating systems: For more information on the supported operating systems see http://www.hp.com/go/upd
Compatible network operating systems	Windows Server 2008 R2 64-bit, Windows Server 2008 R2 64-bit (SP1), Windows Server 2012 64-bit, Windows Server 2012 R2 64-bit, Windows Server 2019 64-bit, Citrix Server 6.5, Citrix XenApp & XenDesktop 7.6, Novell iPrint server; Citrix Ready Kit Certification: Up to Citrix Server 7.18, for more information see http://www.citrixeady.citrix.com/cimicimicimicimicimicimicimicimicimici
Minimum system requirements	Windows: 2 GB available hard disk space Internet connection or USB port Internet browser. For additional OS hardware requirements see http://www.microsoft.com Mac: 2 GB available hard disk space Internet connection or USB port Internet browser. For additional OS hardware requirements see http://www.apple.com
Software included	No software solutions are included in the Box only on http://www.hp.com or http://www.123.hp.com
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, Kerberos authentication, Supports WIA-70 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), SSL/TLS (HTTPS), Encrypted Credentials; Device: HP Sure Start Secure Boot (BIOS Integrity Checking with self-healing capability), Intrusion Detection (Constant in-device monitoring for attacks), Whitelisting (loads only known good code), Embedded Trusted Platform Module, HP Connection Inspector, Security lock slot, USB port disablement; Security management: Compatible with HP JetAdvantage Security Manager, Device Security Syslog Messages processed and accessible in Arcsight and Splunk SIEMs
Printer management	HP Printer Assistant, HP Web JetAdmin Software, HP JetAdvantage Security Manager, HP SNMP Proxy Agent (Part of HP WebJetAdmin), HP WS Pro Proxy Agent (Part of HP WebJetAdmin), Printer Administrator Resource Kit for HP Universal Print Driver (Driver Configuration Utility - Driver Deployment Utility - Managed Printing Administrator)
Dimensions and weight	
Printer dimensions (W x D x H)	<b>Minimum</b> 415.4 x 472 x 399.8 mm; <b>Maximum</b> : 415.4 x 1124.4 x 656 mm (printer fully opened)
Package dimensions (W x D x H)	597 x 497 x 490 mm
Printer weight	23.2 kg
Package weight	26.34 kg
Operating environment	<b>Temperature</b> : 15 to 32.5°C <b>Humiditv</b> : 10 to 90% RH
Storage conditions	Temperature: -20 to 40°C
Acoustics	Acoustic power emissions: 6.1 B(A) (Printing at 27 ipm) Acoustic pressure emissions: 49 dB(A) (Printing at 27 ipm)
Power	Requirements: 220 to 240 VAC (+/- 10%), 50/60Hz (+/- 3 Hz) (Not dual voltage, power supply varies by part number with # Option code identifier); Consumption: 581 watts (active printing), 21.9 watts (ready), 1.0 watts (sleep), 0.08 watts (auto-off/manual-on), 0.08 watts (manual off); Typical Electricity Consumption (TEC) <sup>6</sup> : Blue Angel: 1.051 kWh/week; Energy Star 3.0: 0.425 kWh/week; Power supply type: Internal (Built-in) power supply;
Energy savings feature technology	HP Auto-On/Auto-Off Technology; Instant-on Technology; Instant-on Copy
Certifications <sup>7</sup>	CISPR 22:2008 (International) Class A, CISPR 32:2012 (International)/ EN 55032:2012, CISPR 35:2016 (International)/ EN 55035:2017, EN 55024:2010+A1:2015, EN 61000-3-2:2014, EN 61000-3-3:2013. Other EMC approvals as required by individual countries. EPEAT® Silver; CECP; ENERGY STAR® certified Blue Angel compliant® Yes, Blue Angel DE-UZ 205—only ensured when using Original HP supplies
Country of origin	Made in China
What's in the box <sup>9</sup>	HP Color LaserJet Managed MFP E47528f printer; HP Black Original LaserJet Toner Cartridge (~2,400 pages); HP Cyan, Magenta, Yellow Original LaserJet Toner Cartridges (~2,100 pages each); Fixed-Size Paper Tray Guides; Getting started Guide; 1 Power cord
Warranty	One-Year, On-site Repair 24-hour / 7 day a week phone support

#### Footnotes

- 1 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>2</sup> HP Web Jetadmin is free and available for download at http://www.hp.com/go/webjetadmin.
- <sup>3</sup> HP's most advanced embedded security features are available on HP Enterprise and HP Managed devices with HP FutureSmart firmware 4.5 or above. Claim based on HP review of 2019 published features of competitive in-class printers. Only HP offers a combination of security features to automatically detect, stop, and recover from attacks with a self-healing reboot, in alignment with NIST SP 800-193 guidelines for device cyber resiliency. For a list of compatible products, visit http://www.hp.com/go/PrinterSThatProtect. For more information, visit http://www.hp.com/go/PrinterSecurityClaims.
- <sup>4</sup> Third-party certification based on Common Criteria Information Technology Security Evaluation ISO/IEC 15408 Standard requirements as of May 2019. Certification applicable to HP Enterprise and Managed devices running HP FutureSmart Firmware version 4.5.1 and later. For more information: https://www.commoncriteriaportal.org/files/epfiles/Certification%20Report%20-%20HP%20Intrusion%20Detection.pdf.
- <sup>5</sup> Use of the HP Trusted Platform Module may require a firmware upgrade.
- <sup>6</sup> Wireless performance is dependent on physical environment and distance from access point and may be limited during active VPN connections.
- <sup>7</sup> Dependent upon country setup specifications.
- <sup>8</sup> To enable HP Roam, some devices may require firmware to be upgraded and an optional accessory to add Bluetooth® Low Energy (BLE) beaconing capabilities. Subscription may be required. For more information, visit http://www.hp.com/go/roam.
- <sup>9</sup> Firmware upgrade required.

#### Technical specifications disclaimers

- <sup>1</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>2</sup> Measured using ISO/IEC 17629. 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> Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.
- <sup>4</sup> To enable HP Roam, some devices may require firmware to be upgraded and an optional accessory to add Bluetooth® Low Energy (BLE) beaconing capabilities. Customers can purchase the HP Jetdirect 3100w BLE/NFC/Wireless accessory or the RadBeacon USB. Subscription may be required. For more information, visit http://www.hp.com/go/roam.
- <sup>5</sup> To enable HP Roam, some devices may require firmware to be upgraded and an optional accessory to add Bluetooth® Low Energy (BLE) beaconing capabilities. Customers can purchase the HP Jetdirect 3100w BLE/NFC/Wireless accessory or the RadBeacon USB. Subscription may be required. For more information, visit http://www.hp.com/go/roam.
- <sup>6</sup> Typical Electricity Consumption (TEC) rating represents the typical electricity consumed by a product during 1 week, measured in kilowatt-hours (kWh).
- 7 EPEAT® registered where applicable. EPEAT registration varies by country. See http://www.epeat.net for registration status by country.
- <sup>8</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 115V device and 230V for Blue Angel.
- 9 For yield information on the cartridge(s) included with your printer, see http://www.hp.com/go/toneryield. Yield values measured in accordance with ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors.

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