

Specifications	Category I	Category II	Category III
	Standard Office Printer	Medium Performance (40-50 ppm)	High Performance (60-70 ppm)
Basic Functions	Print, copy, scan	Print, copy, scan	Print, copy, scan
Additional Functions Wireless Card	Optional	Optional	Optional
Additional Functions Fax	Yes	Optional	Not required
Print languages	HP PCLXL (PCL6), PCL5, native PDF, HP Postscript Level 3 emulation	HP PCL 6; HP PCL 5c; HP postscript level 3 emulation; PDF 1.7	HP PCL 6, HP Postscript level 3 emulation, PDF (v 1.7), AirPrint™ compatible, Pcl5, GCP compatible,
Display	Touchscreen, Colour Graphic Display (CGD)	Touchscreen, Colour Graphic Display (CGD)	Touchscreen, Colour Graphic Display (CGD)
Automatic paper sensor	Yes	Yes	Yes
Security management	LDAP authentication; IPP over TLS; WPA2-Enterprise wired; 802.1x wireless authentication (EAP-TLS, LEAP, and PEAP); Pre-Shared Key Authentication for Wireless (PSK); Firewall, certificates configuration; Control panel lock; Password protect EWS; Unused protocol and service disablement; Syslog; Signed firmware; Administrator settings; Native authentication and authorization access control, native colour access control; Configurable authentication time out; UPD PIN printing; Mopy mode via UPD PIN printing	Identity Management: Kerberos authentication, LDAP authentication, 1000 user PIN codes, optional HP and third-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, HP Trusted Platform Module (TPM) comes standard; 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, 18 Intrusion Detection with Red Balloon Security Technology (Constant in-device monitoring for attacks), HP Sure Start Secure Boot (BIOS integrity checking with self-healing capability), Whitelisting (loads only known good code (DLLs, EXEs, etc.); Security Management: Compatible with HP JetAdvantage Security Manager, 21 Device Security Syslog Messages processed and accessible in ArcSight and Splunk SIEMs; For more security settings go to <a href="http://h10032.www1.hp.com/ctg/Manual/c0360212n">http://h10032.www1.hp.com/ctg/Manual/c0360212n</a>	SNMPv3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP-PEAP, EAP-TLS), IPP over TLS, IPsec/Firewall with Certificate,
Memory (RAM)	768 MB	3584 MB	7 GB
Hard disk capacity	Optional	500 GB High-Performance Secure Hard Disk (AES 256 hardware encryption or greater; Secure erase capabilities: Secure File Erase-Temporary Job Files, Secure Erase-Job Data, Secure ATA Erase-Disk)	Two 500 GB Standard, embedded HP High-Performance Secure Hard Disk, Total 1000 GB; AES 256 hardware encryption or greater; Secure erase capabilities (Secure File Erase-Temporary Job Files, Secure Erase-Job Data, Secure ATA Erase-Disk). Note: U.S. government SKU uses 500 GB FIPS 140-2 validated hard disk accessory instead.
Power	Input voltage: 220 to 240 Vac (+/- 10%), 50/60 Hz (+/- 3 Hz)	Input voltage: 220 to 240 Vac (+/- 10%), 50/60 Hz (+/- 3 Hz)	Input voltage: 220 to 240 Vac (+/- 10%), 50/60 Hz (+/- 3 Hz)
Power consumption	107 watts (maximum), 43.2 watts average (printing), 10.9 watts (ready), 2.9 watts (sleep), 0.2 watts (manual-off); Typical Electricity Consumption (TEC): 0.744 kWh/Week	650 watts (max. print/copy), 110 watts (print/copy), 28 watts (ready), 1.37 watts (sleep), 0.2 watts (auto-off), 0.2 watts (off);	1121 watts (printing), 65 watts (ready), 12 watts (sleep), 0.5 watts (auto-off), 0.1 watts (off)
Paper handling input, standard	100 sheet multi-purpose tray 2 x 520 sheet input tray 100 sheet ADF	Standard input: 100-sheet multipurpose tray, 550-sheet input tray Standard output: 500-sheet output bin Optional input: Up to 4,000 + 550 + 100 sheets ADF: Standard, 200 sheets	100-sheet multi-purpose tray, 2 x 520-sheet input tray, 100 sheet ADF; Optional 1,040 sheet tray; Optional 2,000 sheet tray; Optional 3,000 sheet tray 100-sheet multi-purpose tray, 2 x 520-sheet input tray, 250 sheet ADF; Optional 1,040 sheet tray; Optional 2,000 sheet tray; Optional 3,000 sheet tray 100-sheet multi-purpose tray, 2 x 520-sheet input tray, 250 sheet ADF; Optional 2,150 sheet tray; Optional 3,000 sheet tray
Paper handling input, large	Not required	Not required	Additional 3,500 sheets (80 gsm) - Optional
Stapler Finisher	Optional	No	Yes 100 sheet
Folding/colate Unit	Not required	No	No
Hole punch	Not required	No	Yes
Duplex printing	Yes	Yes	Yes
Media sizes	Custom (metric): Tray 1: 76 x 127 to 216 x 356 mm; Tray 2: 102 x 210 to 216 x 297 mm; Optional 500-sheet tray 3: 102 x 210 to 216 x 356 mm Supported (metric): Tray 1: Oficio, A4, A5, A6, B5 (JIS), B6 (JIS), 10 x 15 cm, envelopes (B5, C5, C6, DL); Tray 2: A4, A5, B5 (JIS), envelopes (B5, C5, DL); Tray 3: A4, A5, B5 (JIS)	Custom (metric): Tray 1: 99.1 x 127 to 304.8 x 457.2 mm; Trays 2-5: 210.1 x 148.1 to 304.8 x 457.2 mm; HCI Trays 3 & 4: A4 Only Supported (metric): Tray 1: RA3, A3, 8K, B4 (JIS), SRA4, RA4, A4, A4-R, 16K, 16K-R, A5, A5-R, B5 (JIS), B5 (JIS)-R, B6 (JIS), A6; Trays 2-5: A3, 8K, B4 (JIS), SRA4, RA4, A4, A4-R, 16K, 16K-R, A5, A5-R, B5 (JIS), B5 (JIS)-R, B6 (JIS), A6; HCI Trays 3 & 4: A4 ADF; A3, B4-JIS, A4, B5-JIS, A5, B6-JIS, A6	Tray 1: 98 x 139.7 to 320 to 457.2 mm; Tray 2: 98 x 139.7 to 297 to 390 mm; Tray 3: 140 x 182 to 320 x 457.2 mm
Media weight	Tray 1: 60 to 120 g/m² (plain paper), 125 to 300 g/m² (photo), 75 to 90 g/m² (envelope), 120 to 180 g/m² (brochure), 163 to 200 g/m² (card); Tray 2: 60 to 120 g/m² (plain paper), 125 to 250 g/m² (photo), 75 to 90 g/m² (envelope), 120 to 180 g/m² (brochure), 163 to 200 g/m² (card); Tray 3: 60 to 120 g/m² (plain paper), 125 to 250 g/m² (photo), 120 to 180 g/m² (brochure), 163 to 200 g/m² (card)	Tray 1: 60 to 220 g/m², 300 g/m² Photo Paper Only; Trays 2-5: 60 to 220 g/m²; HCI trays 3 & 4: 60 to 220 g/m²	Tray 1, 2, 3: 60 to 300 g/m²
User Authentication	PIN (preferred PIN or Legic card)	PIN or Legic card	PIN or Legic card
Print speed B/W	30 ppm (A4)	45 ppm (A4)	60 ppm (A4)
Print speed color	30 ppm (A4)	45 ppm (A4)	60 ppm (A4)
First page out (ready) B/W	10 seconds	7 seconds	7 seconds
First page out (ready) color	11 seconds	6 seconds	8 seconds
Print quality	1200 x 1200 dpi	1200 x 1200 dpi	1200 x 1200 dpi
Copy speed B/W	30 ppm	45 ppm (A4) (300 dpi)	100 ppm (A4)
Copy speed color	30 ppm	45 ppm (A4) (300 dpi)	70 ppm (A4)
Copy quality	1200 x 1200 dpi	Up to 600 x 600 dpi	Up to 600 x 600 dpi
Copy zoom	25 to 400%	25 to 400%	25 to 400%
Scan to email	Yes	Yes	Yes
Scan speed B/W, color	Normal (A4): Up to 25 ipm (monochrome & colour); Duplex (A4): Up to 26 ipm (monochrome & colour)	Normal (A4): Up to 90 ppm (black and white); Up to 90 ppm (colour); Duplex (A4): Up to 90 ppm (black and white); Up to 90 ppm (colour)	BW 230 opm/color 150 opm (300 dpi)
Scan resolution, optical	Up to 600 x 600 dpi	Up to 600 x 600 dpi	Up to 600 x 600 dpi
Scan size (ADF)	Maximum media size (flatbed): 216 x 356 mm; Maximum media size (ADF): 216 x 356 mm		
Duplex ADF scanning	Yes	Yes	Yes
LDAP support	Yes	Yes	Yes
Scan to Email	Yes	Yes	Yes
Scan File Format	Btimap (.bmp), JPEG (.jpg), PDF (.pdf), PDF/A (.pdf), PNG (.png), Rich Text (.rtf), Text (.txt), TIFF (.tif)	PDF, JPEG, TIFF, MTIFF, XPS, PDF/A	Digital Send: PDF, Hi-Compression PDF, JPEG, TIFF, MTIFF, XPS, PDF/A; Scan to easy access USB: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A; Print from easy access USB: PDF, PS, Print Ready files (.prn, .pcl, .ch)

Example of matching model

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