



# HP Digital Sender Flow 8500 fn1 Document Capture Workstation

Ideal for accelerating and improving paper-based workflows; capturing, storing and distributing content with industry-leading manageability and security.



## Enjoy forward-looking, high-speed productivity

- Reclaim your time. Scan up to 60 pages per minute and 120 images per minute<sup>2</sup> – even do two-sided scans.
- Easily manage jobs on the 20.3cm (8-inch) HP Easy Select touchscreen colour control panel with pullout keyboard.
- Do more with data using multiple scan-to options – folders, FTP sites, email, USB drives, SharePoint and more.
- Expand capture capabilities and seamlessly integrate solutions through the hardware integration pocket.<sup>4</sup>

## Outstanding content management and easy collaboration

- Get high-volume performance, time and again – scan up to 5,000 pages daily with minimal user intervention.
- Bring data to life with built-in OCR capabilities, then save scans in a variety of file formats.
- Get fast results from single-pass scanning and HP EveryPage<sup>1</sup>. Automatically remove blank pages.
- Manage big jobs with the 100-sheet automatic document feeder. Reliably handle scan jobs with mixed originals.

## Get the digital sending security your business demands

- Scan and send documents without worry – the HP High-Performance Secure Hard Disk helps keep sensitive data safe.
- Maintain security throughout the document lifecycle by enabling a variety of authentication options.
- Easily manage who can scan and where files can be saved, using advanced security features – including IPsec.
- Enable easy sharing of sensitive data when you create encrypted, password-protected PDFs.

## Seamless management from the very start

- Proactively and centrally manage the device with the rest of your imaging and printing environment.
- Expand workteam capabilities within your print environment, using a rich array of easy-to-integrate solutions.
- Redefine workflows and help reduce distribution costs, using optional HP Capture and Route software<sup>3</sup>.
- Create advanced, custom workflows across a variety of devices, using optional HP Digital Sending Software.<sup>3</sup>

<sup>1</sup> HP EveryPage was referred to as HP Precision Feed for products introduced prior to Spring 2013.

<sup>2</sup> Scan speeds up to 60 pages per minute (ppm)/120 images per minute (ipm) measured at 200 ppi (black-and-white, greyscale, colour) and 300 pixels per inch (ppi) (black-and-white, greyscale); speeds up to 45 ppm/90 ipm measured at 300 ppi (colour); used A4 sized paper.

<sup>3</sup> HP Capture and Route and Digital Sending Software must be purchased separately.

<sup>4</sup> Solutions deployed through the hardware integration pocket may require additional purchase.





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## TECHNICAL SPECIFICATIONS

Scan Technology	Charge Coupled Device (CCD) Flatbed; Contact Image Sensor (CIS) ADF
Scan Type	Flatbed, ADF; Colour Scanning: Yes
Scan Speed	Up to 60 ppm/120 ipm (black & white, greyscale, colour 200 ppi; b&w, greyscale 300 ppi); Up to 45 ppm/90 ipm (colour 300 ppi)
Scan Resolution	<b>Hardware:</b> Up to 600 x 600 dpi <b>Optical:</b> Up to 600 dpi <b>Enhanced:</b> Up to 600 dpi
Scan File Format	JPG, TIFF, MTIFF, PDF (image-only, searchable, high-compressed and AES encrypted), PDF/A, TXT, Unicode TXT, RTF, HTML
Scan Input Modes	Full-SVGA Control Panel Display with HP Easy Select User Interface
Light Source (Scanning)	Light Emitting Diode (LED)
Output resolution dpi settings	75; 100; 150; 200; 240; 300; 400; 500; 600
Grayscale Levels/Bit Depth	256; Bit Depth: 24-bit
Duty Cycle (daily)	Recommended daily duty cycle: 5000 pages
Multi Feed Detection	Yes, ultrasonic
Auto Document Feeder Capacity	Standard, 100 sheets
Duplex ADF Scanning	Yes
Media Size (ADF)	A4; A5; A6; custom sizes
Media Weight (ADF)	49 to 120 g/m <sup>2</sup>
Standard Connectivity	10/100/1000 Ethernet; 1 Hi-Speed USB Host (rear); 1 Hi-Speed USB Host (walk-up); 1 Hardware Integration Pocket (HIP) Hi-Speed USB
Optional Connectivity	HP Jetdirect 695nw Print Server J8024A; HP Jetdirect 640n Print Server J8025A
Network Ready	Standard (built-in Ethernet), optional (WiFi 802.11g)
Supported Network Protocols	IPv4/IPv6; Apple Bonjour Compatible (Mac OS v10.2.4 and higher), SNMPv1/v2c/v3, HTTP, HTTPS, FTP, TFTP, WS Discovery, IPsec/Firewall; IPv6: DHCPv6, MLDv1, ICMPv6; IPv4: Auto-IP, SLP, Telnet, IGMPv2, BOOTP/DHCP, and WINS
Control Panel	Full-SVGA display with HP Easy Select User Interface; Screen brightness-adjustment control; LEDs (Ready, Data, Attention); Buttons (Start, Cancel, Sleep, Reset) Virtual keyboard; Hi-Speed USB Host port
Scanner Advanced Features	HP Precision Feed technologies including ultrasonic multi-feed detection; Advanced image enhancement features such as blank page removal, colour dropout, auto-orient, auto-crop, auto-deskew, and auto-threshold; Long page support; Switchable black/white background; Quick set scan profiles; Send to: Folder, FTP, Email, Network Fax, Print, USB Flash drive, Sharepoint, multiple destinations; Encrypted hard disk standard
Media Types Supported	Paper (plain, inkjet, photo); envelopes; labels; cards, flatbed only (business, insurance, embossed, plastic ID, credit)
Software Included	Embedded IRIS OCR engine, compatible with HP Digital Sending Software 4.91.21 software (optional)
Compatible Operating Systems	No Operating System required
Minimum System Requirements	PC: Windows folder share, DFS, Novell® share; Windows client to access the Embedded Web Server pages;

Operating Environment	<b>Operating Temperature Range:</b> 10 to 35°C <b>Storage Temperature Range:</b> -40 to 65°C <b>Recommended Operating Temperature Range:</b> 10 to 35°C <b>Recommended Humidity Operating Range:</b> 15 to 80% RH (non-condensing) <b>Non-Operating Humidity Range:</b> 15 to 80% RH (non-condensing)
Power	<b>Power Consumption:</b> 70 watts maximum, 37 watts (ready), 24 watts (sleep) <b>Power Requirements:</b> Input voltage: 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3%), 2.6 A
Acoustic Power Emissions	4.0 B(A) (idle); 7.1 B(A) (operating, ADF scanning using A4 paper at default settings at 66 ppm)
Energy Star	Yes
Regulatory compliance information/safety	IEC 60950-1: 2005 2ND EDITION; CSA/UL 60950-1, 2nd edition (2007); EN 60950-1: 2006; CE, GOST; CCC; BSMI; CSA; CSA nrt; CB Test Certificate
Electromagnetic compatibility	EMC Directive 2004/108/EC (Europe); CISPR 22 Ed. 5: 2005 +A1; 2005 +A2: 2006, Class A; EN 55022: 2006 +A1; 2007, Class A; EN 61000-3-2: 2006, Class A (harmonics); EN 61000-3-3: 1995 + A1; 2001 +A2; 2005 (flicker); CISPR 24 Ed 1: 1997 +A1; 2001 +A2; 2002; EN 50024: 1998 +A1; 2001 +A2: 2003; CE; FCC, KCC; SMA; C-tick
Product Dimensions	520.7 x 533.4 x 308.1 mm; <b>Packaged:</b> 630 x 601 x 428 mm
Product Weight	20.18 kg; <b>Packaged:</b> 23.50 kg
What's In The Box	<b>L2719A:</b> HP Digital Sender Flow 8500 fn1 Document Capture Workstation (with embedded High Performance Secure Hard Disk); Hardware integration pocket, Install Guide, Documentation CD, Universal power supply, power cord
Warranty	One-year Next Business Day Onsite repair warranty, phone and Web support included. Warranty may vary by country as required by law. Go to <a href="http://www.hp.com/support">http://www.hp.com/support</a> to learn about HP award winning service and support options in your region.
Accessories	<b>L2710A</b> HP Optional Keyboard <b>L2718A</b> HP 100 ADF Roller Replacement Kit <b>T1936AA</b> HP MFP Digital Sending Software 4.0
Service And Support Options	<b>HZ666E</b> - HP 3 year Next Business Day Scanjet 8500fn1/8500fn1 Flow Hardware Support <b>HZ668E</b> - HP 3 year 4 hour 13x5 Scanjet 8500fn1/8500fn1 Flow Hardware Support <b>U6U06E</b> - HP Network Installation Scanjet 8500fn1/8500fn1 Flow Service <b>HZ675PE</b> - HP 1 year Post Warranty Next Business Day Scanjet 8500fn1/8500fn1 Flow Hardware Support <b>HZ677PE</b> - HP 1 year Post Warranty 4 hour 13x5 Scanjet 8500fn1/8500fn1 Flow Hardware Support <b>HZ678PE</b> - HP 2 year Post Warranty Next Business Day Scanjet 8500fn1/8500fn1 Flow Hardware Support

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