



# HP Digital Sender Flow 8500 fn1 Document Capture Workstation

Move your business past paper-intensive processes. Integrate with existing networked manageability and security solutions. Improve workflows by creating a virtually unlimited number of scan profiles, and reliably handle up to 5,000 pages a day.



## Eco Highlights



### HP Digital Sender Flow 8500 fn1 Document Capture Workstation

- Save money and energy: uses less than 1 watt of energy in Off mode.
- Designed with the environment in mind—made from 12% recycled plastic.
- Mercury-free bulbs.



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### Forward-looking, high-speed productivity

- Reclaim your time. Scan up to 60 pages per minute and 120 images per minute<sup>1</sup>—even do two-sided scans.
- Easily manage scan jobs on the 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>3</sup>

### Outstanding content management, easy collaboration

- Count on 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. Automatically remove blank pages.
- Manage big jobs with the 100-sheet automatic document feeder. Reliably handle scan jobs with mixed originals.

### 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 get-go

- 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>2</sup>
- Create advanced, custom workflows across a variety of devices, using optional HP Digital Sending Software.<sup>2</sup>

<sup>1</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>2</sup> HP Capture and Route and Digital Sending Software must be purchased separately.

<sup>3</sup> Solutions deployed through the hardware integration pocket may require additional purchase.

## Technical specifications

<b>Scan technology</b>	Charge Coupled Device (CCD) Flatbed; Contact Image Sensor (CIS) ADF
<b>Scan type</b>	Flatbed, ADF; <b>Colour scanning:</b> Yes
<b>Scan speed ADF (letter)<sup>1</sup></b>	Up to 60 ppm/120 ipm (b&w, greyscale, colour 200 ppi; b&w, greyscale 300 ppi); Up to 45 ppm/90 ipm (colour 300 ppi)
<b>Scan resolution</b>	<b>Enhanced:</b> Up to 600 dpi; <b>Hardware:</b> Up to 600 x 600 dpi; <b>Optical:</b> Up to 600 dpi
<b>Scan input modes</b>	Full-SVGA Control Panel Display with HP Easy Select User Interface
<b>Standard memory</b>	1536 MB (768 MB on primary processor, 768 MB on scanner processor)
<b>Processor speed</b>	1 GHz
<b>Light source (scanning)</b>	Light Emitting Diode (LED)
<b>Output resolution dpi settings</b>	75, 100, 150, 200, 240, 300, 400, 500, 600
<b>Bit depth/Greyscale levels</b>	24-bit; <b>Greyscale levels:</b> 256
<b>Multi feed detection</b>	Yes, ultrasonic
<b>Auto document feeder capacity</b>	Standard, 100 sheets
<b>Duplex ADF scanning</b>	Yes
<b>Scanning options (ADF)</b>	Single-pass duplex
<b>Scan size</b>	215.9 x 355.6 mm (8.5 x 14 in)
<b>Media types supported</b>	Paper (plain, inkjet, photo), envelopes, labels, cards (business, insurance, embossed, plastic ID, credit) [flatbed only]
<b>Media size (ADF)</b>	Letter; legal; executive; A4; A5; A6; custom sizes
<b>Media weight (ADF)</b>	49 to 120 g/m <sup>2</sup> (13 to 32 lb)
<b>Standard connectivity</b>	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
<b>Control panel</b>	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
<b>Duty cycle (daily)</b>	Up to 5,000 pages
<b>Scanner advanced features</b>	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
<b>Scan file format</b>	JPG, TIFF, MTIFF, PDF (image-only, searchable, high-compressed and AES encrypted), PDF/A, TXT, Unicode TXT, RTF, HTML
<b>Software included</b>	Embedded IRIS OCR engine, compatible with HP Digital Sending Software 4.91.21 software (optional)
<b>Compatible operating systems</b>	No Operating System required
<b>Minimum system requirements</b>	<b>PC:</b> Windows® folder share, DFS, Novell share; Windows® client to access the Embedded Web Server pages
<b>Acoustic</b>	<b>Acoustic power emissions:</b> 4.0 B(A) (Idle); 7.1 B(A) (operating, ADF scanning using A4 paper at default settings at 60 ppm)
<b>Operating environment</b>	<b>Operating humidity range:</b> 15 to 80% RH (non-condensing) <b>Non-operating humidity range:</b> 15 to 80% RH (non-condensing) <b>Recommended humidity operating range:</b> 15 to 80% RH (non-condensing) <b>Operating temperature range:</b> 10 to 35° C (50 to 95° F) <b>Storage temperature range:</b> -40 to 60° C (-40 to 140° F) <b>Recommended operating temperature range:</b> 10 to 35° C (50 to 95° F)

## Technical specifications

<b>Power</b>	<b>Power supply type:</b> External Universal Power Adapter <b>Power consumption:<sup>2</sup></b> 70 watts maximum, 37 watts (Ready), 24 watts (Sleep), <1 watt (Off/Standby) <b>Power requirements:</b> Input voltage: 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3%), 2.6 A
<b>Dimensions (W x D x H)</b>	520.7 x 533.4 x 308.1 mm (20.5 x 21 x 12.13 in)
<b>Weight</b>	20.18 kg (44.5 lb)
<b>What's in the box</b>	HP Scanjet Enterprise 8500 fn1 Document Capture Workstation (with embedded High Performance Secure Hard Disk); Install Guide; Documentation CD; Universal power supply; power cord
<b>Warranty</b>	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://hp.com/support">hp.com/support</a> to learn about HP award winning service and support options in your region
<b>Electromagnetic emission standard</b>	EMC Directive 2004/108/EC (Europe); CISPR 22 Ed. 5: 2005 +A1: 2005 +A2: 2006, Class A; EN 55022: 2006 +A1: 2007, Class A; GB9254-2008 [identical to CISPR 22: 2006(rev 5.2)] (China); CNS13438: 2006 (Taiwan); CFR47 Part 15, Subpart B (US FCC), Class A, referencing ANSI 63.4-2003; 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; Canadian EMC Declaration
<b>Safety approvals and requirements</b>	IEC 60950-1: 2005 2nd edition; CSA/UL 60950-1, 2nd edition (2007); EN 60950-1: 2006; CE, GOST; CCC; BSMI; CSA; CSA nrtl; CB Test Certificate
<b>Security management</b>	Identity Management: Kerberos, LDAP, 1000-user PIN, Control Panel Lock, optional HP and 3rd party Advanced Authentication Solutions (e.g., badge readers); Network: IPsec, 802.1X authentication (EAP-PEAP, EAP-TLS), SNMPv3, HTTPS, Certificates, Access Control List; Data: Encrypted hard disk (AES128 or better), Encrypted PDF (uses FIPS 140 validated cryptographic module from Microsoft®), Encrypted Email, Secure File and Disk Erase, SSL/TLS, Encrypted Credentials; Device: Security lock slot, USB port disablement, HIP pocket for security solutions; Management: Fleet Management with HP Web Jetadmin, HP Digital Sending Software, Embedded Web Server, Administration Application through Front Panel, Import/Export (pins, local address book, speed dials)
<b>Accessories</b>	HP Jetdirect 695nw Print Server J8024A HP Jetdirect 640n Print Server J8025A ADF Roller Replacement Kit L2718A



## Ordering Information

Number	Description
L2719A	HP Digital Sender Flow 8500 fn1 Document Capture Workstation

## HP Care Pack Services

Number	Description
HZ666E	HP 3-year Next business day Scanjet 8500fn1 HW support
HZ667E	HP 3-year 4 hour 9x5 Scanjet 8500fn1 HW support
HZ668E	HP 3-year 4 hour 13x5 Scanjet 8500fn1 HW support
HZ669E	HP 4-year 4 hour 9x5 Scanjet 8500fn1 HW support
HZ670E	HP 4-year 4 hour 13x5 Scanjet 8500fn1 HW support
HZ671E	HP 5-year 4 hour 9x5 Scanjet 8500fn1 HW support
HZ672E	HP 5-year 4 hour 13x5 Scanjet 8500fn1 HW support
HZ673E	HP 4-year Next business day Scanjet 8500fn1 HW support
HZ674E	HP 5-year Next business day Scanjet 8500fn1 HW support
HZ680E	HP Network Installation Scanjet 8500fn1 Service
HZ719E	HP 3-year Defective Media Retention with Next Coverage Day Call to Repair SJ8500fn1 HW support
HZ720E	HP 4-year Defective Media Retention with Next Coverage Day Call to Repair SJ8500fn1 HW support
HZ721E	HP 5-year Defective Media Retention with Next Coverage Day Call to Repair SJ8500fn1 HW support
HZ722E	HP 3-year Defective Media Retention with Second Coverage Day Call to Repair SJ8500fn1 HW support

Number	Description
HZ723E	HP 4-year Defective Media Retention with Second Coverage Day Call to Repair SJ8500fn1 HW support
HZ724E	HP 5-year Defective Media Retention with Second Coverage Day Call to Repair SJ8500fn1 HW support
HZ727E	HP 3-year Next business day + Defective media retention Scanjet 8500fn1 support
HZ728E	HP 4-year Next business day + Defective media retention Scanjet 8500fn1 support
HZ729E	HP 5-year Next business day + Defective media retention Scanjet 8500fn1 support
HZ675PE	HP 1-year Post warranty Next business day Scanjet 8500fn1 HW support
HZ676PE	HP 1-year Post warranty 4 hour 9x5 Scanjet 8500fn1 HW support
HZ677PE	HP 1-year Post warranty 4 hour 13x5 Scanjet 8500fn1 HW support
HZ678PE	HP 2-year Post warranty Next business day Scanjet 8500fn1 HW support
HZ679PA	HP 1-year Post warranty Next business day Scanjet 8500fn1 HW support
HZ733PE	HP 1-year Post warranty Next business day + Defective media retention Scanjet 8500fn1 HW support
HZ725PE	HP 1-year Post Warranty Defective Media Retention with Next Coverage Day CTR SJ8500fn1 HW support
HZ726PE	HP 1-year Post Warranty Defective Media Retention with Second Coverage Day CTR SJ8500fn1 HW support

To know what HP Care Pack services exist for your product, please visit Care Pack Central at [hp.com/go/cpc](http://hp.com/go/cpc)

## Supported paper

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<sup>1</sup> Scan speeds of up to 60 ppm/120 ipm measured at 200 ppi (b&w, greyscale, colour) and 300 ppi (b&w, greyscale) and up to 45 ppm/90 ipm at 300 ppi (colour).

<sup>2</sup> 1.8 watts (scanner only Sleep mode), <1 watt (scanner Standby/Off mode) measured for ENERGY STAR® certification

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