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> HP PageWide Enterprise Color 586dn Multifunction Printer User Manual

HP 586dn

HP PageWide Enterprise Color 586dn Multifunction Printer User Manual

Model: 586dn (G1W39A)

1. INTRODUCTION

This manual provides instructions for the setup, operation, maintenance, and troubleshooting of the HP PageWide Enterprise Color 586dn Multifunction Printer. This device is designed for business environments, offering print, scan, and copy functionalities with a focus on efficiency and security.

Key Features:

- Multifunction capabilities: Print, scan, and copy.
- High-speed color printing up to 75 pages per minute (ppm).
- Single-pass, two-sided scanning with a 100-sheet automatic document feeder (ADF).
- Integrated security features for data and device protection.
- Energy-efficient HP PageWide Technology.
- Automatic duplex printing.



Figure 1: Front view of the HP PageWide Enterprise Color 586dn Multifunction Printer, showing the control panel and paper trays.

2. SETUP INSTRUCTIONS

2.1 Unpacking and Placement

1. Carefully remove the printer from its packaging. Retain all packaging materials for future transport.
2. Place the printer on a stable, level surface with adequate space for ventilation and access to paper trays.
3. Remove all protective tapes and packing materials from the exterior and interior of the printer.



Figure 2: Angled view of the printer, highlighting the output tray and paper path.

2.2 Connecting Power and Network

1. Connect the power cord to the printer and then to a grounded electrical outlet.
2. For network connectivity, connect an Ethernet cable from the printer's Ethernet port to your network router or switch.
3. Power on the printer using the power button.



Figure 3: Rear view of the printer, showing the power input, Ethernet port, and USB ports.

2.3 Initial Software Setup

1. Follow the on-screen prompts on the printer's control panel to select language, country/region, and date/time settings.
2. Install the printer drivers and software on your computer from the provided installation disc or by downloading them from the official HP support website.
3. Configure network settings if necessary, using the printer's control panel or the HP Web Admin interface.



Figure 4: Close-up of the printer's control panel, displaying various function options.

3. OPERATING INSTRUCTIONS

3.1 Printing Documents

1. Load paper into the input tray. Ensure paper guides are adjusted to fit the paper size.
2. From your computer, open the document you wish to print.
3. Select "Print" from the application's menu.
4. Choose the HP PageWide Enterprise Color 586dn printer.
5. Adjust print settings such as color, duplex (two-sided), paper size, and quality as needed.
6. Click "Print".

3.2 Scanning Documents

1. Place the document face-up in the Automatic Document Feeder (ADF) or face-down on the scanner glass.
2. On the printer's control panel, select the "Scan" option.
3. Choose your desired scan destination (e.g., email, network folder, USB drive).

4. Adjust scan settings such as resolution, color mode, and file format.
5. Press "Start Scan".



Figure 5: The printer's automatic document feeder in use, scanning a multi-page document.

3.3 Copying Documents

1. Place the document face-up in the ADF or face-down on the scanner glass.
2. On the printer's control panel, select the "Copy" option.
3. Enter the number of copies required.
4. Adjust copy settings such as color, duplex, and quality.
5. Press "Start Copy".

4. MAINTENANCE

4.1 Replacing Print Cartridges

- The printer will display a low cartridge warning when a cartridge needs replacement.
- Open the cartridge access door.

- Remove the old cartridge by pulling it straight out.
- Unpack the new Original HP 981A/981X PageWide cartridge and insert it into the corresponding slot until it clicks into place.
- Close the cartridge access door.

Important: This printer is designed to work only with cartridges containing original HP chips or circuitry. Periodic firmware updates may affect the functionality of non-HP cartridges.

4.2 Cleaning Procedures

- **Exterior:** Wipe the exterior surfaces with a soft, damp, lint-free cloth.
- **Scanner Glass:** Use a soft cloth lightly moistened with glass cleaner to clean the scanner glass. Avoid abrasive cleaners.
- **ADF Rollers:** Refer to the printer's on-screen menu for instructions on cleaning the Automatic Document Feeder rollers if paper feed issues occur.

4.3 Firmware Updates

Regularly check for and install firmware updates to ensure optimal performance, security, and compatibility. Updates can typically be managed through the printer's control panel or the HP Web Admin interface.

5. TROUBLESHOOTING

5.1 Common Issues and Solutions

- **Paper Jams:** Follow the on-screen instructions to clear paper jams from designated access areas. Ensure paper is loaded correctly and not creased.
- **Print Quality Issues:** Check cartridge levels. Perform a printhead cleaning or alignment from the printer's maintenance menu. Ensure you are using appropriate paper types.
- **Connectivity Problems:** Verify network cable connections. Restart the printer and your network router. Check network settings on the printer's control panel.
- **Scanning Issues (Mac):** Some users have reported scanning issues specifically with Mac operating systems. Ensure your printer's firmware and Mac drivers are up to date. If problems persist, contact HP support.

5.2 Error Messages

Refer to the printer's control panel for specific error codes and messages. Consult the HP support website for detailed explanations and resolution steps for each error.

6. SPECIFICATIONS

Feature	Detail
Model Name	586dn
Item Model Number	G1W39A#BGJ
Functions	Print, Scan, Copy
Printing Technology	PageWide (Inkjet)
Printer Output	Color
Max Print Speed (Monochrome)	75 ppm

Feature	Detail
Max Print Speed (Color)	50 ppm
Maximum Color Print Resolution	1200 x 1200 dpi
Maximum Black and White Print Resolution	1200 dpi
Duplex Printing	Automatic (standard)
Scanner Type	Sheetfed
Max Input Sheet Capacity	100 sheets (ADF)
Maximum Media Size	8.5 x 14 inch
Supported Media Sizes	A4, B5, C5, C6, 3 x 5 inch
Connectivity Technology	1G Ethernet; 2 HS USB 2.0 Host; 1 HS USB 2.0 Device
Product Dimensions (L x W x H)	20.87 x 22.2 x 20.83 inches
Item Weight	71.2 pounds

7. WARRANTY AND SUPPORT

7.1 Warranty Information

The HP PageWide Enterprise Color 586dn Multifunction Printer typically includes a one-year, onsite warranty. For specific terms and conditions, please refer to the documentation provided with your product or visit the official HP website.

7.2 Customer Support

For technical assistance, troubleshooting, or warranty claims, please contact HP customer support. Free HP Web support is available 24 hours a day, 7 days a week. Visit the official HP support website for contact information and resources.