HP PageWide Pro Series - Firmware Readme

Product Name(s):	HP PageWide 352dw HP PageWide 377dw HP PageWide Pro 452dn HP PageWide Pro 452dw	HP PageWide Pro 477dn HP PageWide Pro 477dw HP PageWide Pro 552dw HP PageWide Pro 552z	HP PageWide Pro 577dw HP PageWide Pro 577z HP PageWide Pro P55250dw HP PageWide Pro P57750dw
Product Model(s):	J6U57 J9V80 D3Q15 D3Q16	D3Q19 D3Q20 D3Q17 K9Z74	D3Q21 K9Z76 J6U55 J9V82

This document contains information about the latest firmware revision number 001.2506A.

HP STRONGLY RECOMMENDS INSTALLATION OF THIS VERSION ON ALL DEVICES LISTED ABOVE.

The firmware version currently on a device can be determined by reading nine (9) characters from the Firmware Version field shown on the Printer Status Report. Example: MAHDWOPP1N**001.2506A**.00

IMPORTANT! EXISTING SCAN TO NETWORK PROFILE SETTINGS MAY REQUIRE REVISION AFTER APPLYING THIS FIRMWARE UPDATE

IN ORDER TO PROVIDE INCREASED NETWORK SECURITY, SUPPORT FOR SMB V2/V3 NETWORK PROTOCOLS HAS BEEN ENABLED BEGINNING WITH FIRMWARE VERSION 001.1829A (see below) FOR THE PRODUCTS LISTED ABOVE. WITH THE ENABLEMENT OF SMB V2/V3, USERS ARE NOW REQUIRED TO ADHERE TO NETWORKING STANDARDS FOR SPECIFICATION OF NETWORK PATHS AND USER AUTHENTICATION.

PLEASE ENSURE THAT FULLY QUALIFIED DOMAIN NAMES ARE USED FOR NETWORK PATHS, AND THAT DOMAIN IS INCLUDED IN CONJUNCTION WITH USERNAME FOR AUTHENTICATION SETTINGS WHEN UPDATING EXISTING SCAN TO NETWORK FOLDER PROFILES OR CREATING NEW SCAN TO NETWORK FOLDER PROFILES.

EXAMPLES: Network Location Using Fully Qualified Domain Name:
\\machinename.domain.yourcorpname.net\scantonetwork
fol HYPERLINK
"file://machinename.domain.yourcorpname.net/scantonetworkfol

%252520dername/" HYPERLINK "file://machinename.domain.yourcorpname.net/scantonetworkfol%2520dername/" HYPERLINK "file://machinename.domain.yourcorpname.net/scantonetworkfol%252520dername/" HYPERLINK "file://machinename.domain.yourcorpname.net/scantonetworkfol%252520dername/" HYPERLINK "file://machinename.domain.yourcorpname.net/scantonetworkfol%2520dername/" HYPERLINK "file://machinename.domain.yourcorpname.net/scantonetworkfol%252520dername/"dername\ Username including **Domain** Name:

DOMAIN\username

HP Web Jetadmin Tip: Prior to applying any firmware update using Web Jetadmin, network admins must ensure that Printer Updates have been enabled for the target device(s). This can be checked using WJA or the Embedded Web Server (EWS > Settings > Security > Administrator Settings > Printer Updates)

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: www.hp.com/learn/ds

Note: For printers manufactured prior to December 1, 2016 dynamic security will not be enabled by this firmware. Please note that HP cannot guarantee the quality or reliability of non-HP cartridges.

Enhancements and fixes provided with firmware revision 001.2506A

The following new functionality or features are provided by this firmware revision 001.2506A

FIXES:

- Security fixes

Enhancements and fixes provided with firmware revision 001.2436C

The following new functionality or features are provided by this firmware revision 001.2436C

FIXES:

- Security fixes
- General enhancement and bug fixes.

Enhancements and fixes provided with previous firmware revision 001.2425A

NOTE: All improvements included in previous firmware revisions are included in the most current revision.

The following new functionality or features are provided by this firmware revision 001.2425A

FIXES:

- Dynamic security updates.

The following new functionality or features are provided by this firmware revision 001.2412E

FIXES:

- UI improvements and security fixes.

The following new functionality or features are provided by this firmware revision 001.2349A

FIXES:

- SIP Apps issues resolved.

The following new functionality or features are provided by this firmware revision 001.2313A

FIXES:

- Fix for ID certificates not accepted with key length greater than 2048 bits.
- Network stack update

The following new functionality or features are provided by this firmware revision

001.2228B

FIXES:

- Network stack update

The following new functionality or features are provided by this firmware revision 001.2208A

FIXES:

- Network stack update

The following new functionality or features are provided by this firmware revision 001.2205D

FIXES:

- Improved firmware update and cartridge rejection experiences
- Fix for device using TLS1.0 instead of TLS1.2 for Scan to Email configuration
- Fix for error in enabling Window sign-in

The following new functionality or features are provided by this firmware revision 001.2142A

FIXES:

- Network stack update

The following new functionality or features are provided by firmware revision 001.2132A

FIXES:

- Fix for scan to email issue in 2127A release

The following new functionality or features are provided by firmware revision 001.2127A

FIXES:

- Network stack update
- Fixes for EWS and WJA communication issues
- Fixes for scan to network folder issues
- Fix for scan to network filename disallowed characters
- Fix for fax speed dial ordering
- Fixes for email address book and profiles alphabetical order issues

- Increased number of scan to PC destinations
- Print from Chromebook improvements
- Fix for watermark overwriting text in a document
- Fix for PDF printing issue from SAP
- Fix for errors printing Excel file
- Fix for slow printing with Mopier enabled

The following new functionality or features are provided by firmware revision 001.2105D

FIXES:

- Network stack update
- Fix for last page of job delayed when printing via IPPS

The following new functionality or features are provided by firmware revision 001.2051B

FIXES:

- Fix for "zig-zag" and overlapping text issue that occurred in the 2042B release
- Fix for HPAC shortcut disappearing from control panel after cycling power

The following new functionality or features are provided by firmware revision 001.2042B

FIXES:

- Network stack update
- Fixes for scan to email address book sorting in EWS and on control panel
- Fix for scan to network folder filename prefix error
- Fix for long delay when printing certain PCL5 documents
- Increased timeout for adding scanned pages to a PDF document
- Fix for printer not waking up on card reader badge swipe
- Updated certificate for HP Web Services

The following new functionality or features are provided by firmware revision 001.2012A

FIXES:

- Network stack update
- Resolved issue with first character printing incorrectly during LPD printing

- Resolved issue with Biondi font not printing
- Resolved a SIPS issue
- Resolved issue with scan to network folder grayscale PDF files
- Resolved issue with scan to SharePoint for filenames with unsupported special characters

The following new functionality or features are provided by firmware revision 001.1937D

FIXES:

- Network stack update including additional prevention of XSS (Cross-Site Scripting) and CSRF (Cross- Site Request Forgery)
- Improvements to reject malformed Postscript and PDF format files
- Improvements to better handle malformed font files embedded in Postscript and PDF format files
- Improvements to PCL printing related to alignment of boxes
- Performance enhancement when detecting Out of Paper

The following new functionality or features were provided by firmware revision 001.1921E

FIXES:

- Resolved card read issue when using Elatec card reader
- Resolved issue when using Web Jetadmin to initiate firmware update when device updates are disabled
- Resolved a B8xxxxxx assert error when performing Clean Printhead Level 1 or Level 2
- Resolved a B8xxxxxx assert error when scanning to compressed file
- Resolved issue when scanning to email with file compression set to High
- Scan to Network Folder improvements

ENHANCEMENTS:

- Added SNMP support for tray open, tray empty, and pages printed including blank pages

The following new functionality or features were provided by firmware revision 001.1908C

FIXES:

- "Unable to wake from Sleep Mode" problem associated with Power Management Energy Save feature has been mitigated

  HP recommends that all devices previously updated to version 001.1839A or version 001.1850B be updated to this version or newer, and that the Energy Save "Standby After" setting be restored to 5 min or greater (if previously set to "Never") to re-enable printer Energy Save functionality.

- Resolved a B8xxxxxx assert error when sending Group Fax
- Resolved a B8xxxxxx assert error when using WPS with open security
- Resolved a B8xxxxxx assert error when deleting Phone Book contact in when Phone Book is Full
- Resolved several instances of text which was not properly localized
- Resolved Alternate Sign-in problem when using 3rd party authentication solution
- Resolved problem related to sudden drop in ink level reporting
- Network stack update

ENHANCEMENTS:

- Increased number of contacts that can be stored in address book for use with Scan to Email
- Increased network I/O Timeout up to maximum of 900 seconds (max was 300 seconds)
- Improved Paper Jam help animation
- Improved ink usage tracking

The following new functionality or features were provided by firmware revision 001.1850B (This release was delivered via Product Self Update and is no longer available. All fixes and enhancements are included in later releases)

ENHANCEMENT:

- Updated Power Management Energy Save Settings – New setting added to allow disabling of Standby function by setting "Standby After" to "Never".

The following new functionality or features were provided by firmware revision 001.1839A (This release was delivered via Product Self Update and is no longer available. All fixes and enhancements are included in later releases)

FIXES:

- Resolved B8xxxxxx assert error when selecting “Printer Settings” from printer control panel
- Resolved OXP error when importing certificates
- Resolved assert error when parsing malformed COM marker
- Resolved Control Panel Shortcut problems (adding, removing, missing)
- Resolved false persistent load paper message
- Resolved Network Time Server synchronization problem
- Resolved Address Book Backup and Restore problem
- Resolved false Improper Shutdown message
- Resolved inability to change HTTPS Redirection and Encryption Strength settings in the EWS

ENHANCEMENTS:

- Enabled Printer “Continue on Error” functionality (triggers device auto-reboot on assert event)
- Improved ink usage tracking
- Scan to Network Folder improvements
- Usage counter accuracy improvements

The following new functionality or features were provided by firmware revision 001.1829A

ENHANCEMENTS:

- Network stack update

The following new functionality or features were provided by firmware revision 001.1823B (This was a limited release which is no longer available. All fixes and enhancements are included in later releases)

FIXES:

- Resolved an SMB V2 NETBIOS issue when using Hostname in network path for Scan to Network folder profiles

The following new functionality or features were provided by firmware revision 001.1818A

(This was a limited release which is no longer available. All fixes and enhancements are included in later releases)

NOTE: This firmware version disables features that could prevent certain ink cartridges containing non-HP security chips from working in printers manufactured prior to December 1, 2016. Please note that HP cannot guarantee the quality or reliability of non-HP cartridges.

ENHANCEMENTS:

- Secured printer configuration settings when admin password control is in effect
- Added security protection against WPA/WPA2 and the Krack Exploit
- Enabled support for SMB V2/V3 protocols

FIXES:

- Fixed an issue caused by the AirPrint Encryption Credential expiring
- Reduce the number of memory asserts causing B8xxxxxx errors

The following new functionality or features were provided by firmware revision 001.1743A

ENHANCEMENTS:

- All supported ink supply part numbers will be included in Embedded Web Services and on the Printer Status Report.
- Improvements to enhance print quality

FIXES:

- Network stack update
- Print jobs cannot be canceled from the control panel if a print cartridge is empty
- DHCP connections will no longer be lost when resetting network defaults
- Resolved the issue with certain Japanese characters that would not print
- Resolved issues related to HP Third Party Solutions and card reader compatibility
- Improvements to Web Service delivery connections
- Improvements to wired Ethernet connections

- Improvements to Google Cloud Print compatibility

The following new functionality or features were provided by firmware revision 1708D

ENHANCEMENTS & FIXES:

- Network stack update
- Resolved issue with truncation of information on the Welcome Page after enabling HP Web Services
- Web pages printed from AirPrint (iOS 9.1) are no longer showing stripes
- Resolved issue with certain PDFs that were not printing completely when using ePrint
- B8xxxxxx errors will no longer occur when storing jobs using UPD PCL 6.1
- Supported .jpg file size increased to 16Mb when using AirPrint

The following new functionality or features were provided by firmware revision 1701A

ENHANCEMENTS:

- Enhancement to allow certain incompatible cartridges to print until completion

  NOTE: Even with this change, HP cannot guarantee the quality or reliability of non-HP cartridges. Cartridges using a non-HP chip may not work, and those that work today may not work in the future.

- Added a "self-recover" feature that can be used if the printer is left in an unstable state. This new functionality will prevent permanent damage to the print engine.
- Improvements to the Advanced Paper Jam Recovery feature

FIXES:

- The fax will no longer answer or interrupt voice calls
- Digital fax to email jobs will correctly update XML information
- When scanning to a network folder, the files will save to the correct network location
- Scan to email will no longer fail in environments where a firewall is enabled
- Resolved various language translation errors
- Resolved B8xxxxxx memory assert error
- Fixed issues with restoring customer data from the front panel using a backup USB thumb drive
- Resolved issue with Restore Factory Settings not sending end-job data during 1st print job

- Updated default copy tray settings will save, even after a power cycle
- When a user is required to sign-in to print, they will automatically be signed out after the job has printed

<u>The following new functionality or features were provided by firmware revision 1629F</u>

ENHANCEMENTS:

- Change of the default mode to "Scan and Fax" for outgoing fax jobs. This allows the scanner to be used fully if the fax system is in the process of dialing and transmitting a long job.
- Backup and restoration of encrypted customer data to a USB thumb drive. User configuration and settings can now be backed up and restored to a different printer of the same model numbers. Access is via the Setup/Printer Maintenance menu on the control panel.
- When the ink collection unit must be replaced due to high page counts, the process to reset the counter has been simplified. Instructions will be included with the replacement duplex unit.
- Enhanced paper jam elimination feature to help the user determine where the paper jam is located. This feature is automatically triggered when a paper jam is detected and will display on the product control panel to guide the customer in clearing the jam.

FIXES:

- Resolved issues related to improving reliability & security
- Fixed an issue related to printing certain Chinese characters using TrueType fonts
- Resolved issue with the device mute feature not working properly for certain generated sounds (e.g. Chimes)
- OXP Extensibility fixes
- Set the Device Announcement Agent defaults to on
- Fixes for Job Storage
- Resolved problems that occurred when printing larger files via AirPrint
- Resolved issue with printer not automatically detecting an Ethernet connection
- Made improvements to account for FAX regional voltage differences