



# HP Sales Central

## HP LaserJet Managed MFP E731dn (5QJ98A)

Aktiv ab: 01.07.2022

### Überblick

Image not available



Change is the only constant in business. Transform your business with a printer that can be upgraded over time to expand capabilities. With HP's most secure printers<sup>1</sup> you'll stay secure and simplify fleet management for busy IT pros

#### Always on guard with HP Wolf Security<sup>5</sup>

With HP Sure Start always working behind the scenes, the operating code (BIOS) is automatically checked during start-up and repairs itself if compromised.

The printer's outgoing network connections are inspected to stop suspicious requests and thwart malware so you can stay connected and in the clear.

Run-time intrusion detection is always on guard. Common Criteria certified<sup>6</sup> to continually monitor memory activity to keep you safe, detecting and stopping attacks in real time.

#### Better printing, for a better planet

The fiber-based packaging, including outer box and interior fiber-based cushions, for this product is 100% sustainably sourced, meaning it's made from recycled or certified content.<sup>7</sup>

Our devices are made with the planet in mind with energy-efficient printing and toner cartridges made from more than 57% recycled plastic.<sup>8</sup> Printing that puts the planet first.

Our improved energy efficient designs meet the rigorous criteria of EPEAT Gold, Energy Star, and Blue Angel.<sup>9</sup>

#### Customizable solutions built to last

Make your day-to-day easier by customizing your print experience with cloud-connected HP Workpath apps that let you access personalized content, integrate paper and digital workflows.<sup>4</sup>

Unleash your creativity and match any office décor with modern designs and the option of five customizable color panels.

Give your team what they need to succeed with the HP Open Extensibility Platform containing hundreds of HP and third-party solutions as well as card reader support.

#### Unleash peak productivity

Tackle anything with our powerful CPU. Maximize your productivity and increase your overall print performance by copying, scanning and printing documents of all sizes at virtually full speed.

Easily enable workflows across your fleet with a consistent user experience and intuitive, tablet-like icons on the 25.65 cm colour touchscreen display.

Maintain productivity and stay up to date on the latest features across your fleet with upgradeable HP FutureSmart firmware.<sup>2</sup>

## Spezifikationen

### Funktionen

Drucken, Kopieren, Scannen, Faxen (optional)

### Druckgeschwindigkeit Schwarzweiß (ISO, A4)

Bis zu 30 Seiten/Min.<sup>1</sup>

(1) Measured using ISO/IEC 24734, excludes first set of test documents. For more information see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, software application, driver, and document complexity)

**Druckgeschwindigkeit schwarzweiß (normal, DIN A3)**

Bis zu 15 Seiten/Min.

**Druckgeschwindigkeit Duplex (A4)**

Bis 20 Bd./min

**Ausgabe der ersten Seite schwarzweiß (A4, betriebsbereit)**

In nur 8,9 Sek.

**Druckleistung (monatlich, A4)**

Bis zu 110.000 Seiten

**Empfohlenes monatliches Druckvolumen**

Bis zu 20.000

**Benutzeranzahl**

10 – 30 Benutzer

**Drucktechnologie**

Laser

**Druckqualität schwarzweiß (optimal)**

Bis zu 1200 x 1200 dpi bei reduzierter Geschwindigkeit

**Prozessorgeschwindigkeit**

Quad Core (1.6GHz), Dual Core (1.4GHz)

**Druckersprachen**

HP PCL 5e, HP PCL 6, HP Postscript Level 3-Emulation, PDF (V 1.7), AirPrint™-kompatibel

**Anzeigegerät**

25.65 cm (10.1-in) touchscreen, WXGA Color Graphic Display (CGD)

**Druckfarben**

Nein

**Anzahl der Druckpatronen**

1 (Schwarz)

**Automatischer Papiersensor**

Nein

**Mac kompatibel**

Ja

**Druckerverwaltung**

HP Web JetAdmin Software, HP Security Manager, HP SNMP Proxy Agent (Part of HP WebJetAdmin), HP WS Pro Proxy Agent (Part of HP WebJetAdmin), Smart Printer Administrator Resource Kit for HP Smart Universal Print Driver (Driver Configuration, Utility - Driver ,Deployment Utility - Managed Printing Administrator)

**Sicherheitsmanagement**

Identity management: Kerberos authentication, LDAP authentication, 1000 user PIN codes, Optional HP and 3rd party advanced authentication solutions (e.g., badge readers); Network: IPsec/firewall with Certificate/Pre-shared Key authentication, Supports WJA-10 IPsec configuration Plug-in, 802.1X authentication (EAP-PEAP; EAP-TLS), SNMPv3, HTTPS, Certificates; Data: Storage Encryption, Encrypted PDF & Email, SSL/TLS (HTTPS), Encrypted Credentials; Device: HP Sure Start Secure Boot (BIOS Integrity Checking with self-healing capability), Intrusion Detection (Constant in-device monitoring for attacks), Whitelisting (loads only known good code), HP Memory Shield™, Embedded Trusted Platform Module, HP Connection Inspector, Security lock slot, USB port disablement; Security management: Compatible with HP Security Manager, Device Security Syslog Messages processed and accessible in Arcsight and Splunk SIEMs

**Schriftarten und Schriftbilder**

84 skalierbare TrueType Schriftarten

**Funktion für mobiles Drucken**

Apple AirPrint™; Mopria™ Certified; Wi-Fi® Direct Printing; HP Roam; NFC Touch-to-print (optional); PrinterOn Print

**Wireless-Funktionalität**

Optional, wird mit dem Kauf eines Wireless-Hardwarezubehörs aktiviert

**Konnektivität, Standard**

1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket 2nd generation (HIP2); 1 Hi-Speed USB 2.0 (host); 1 SuperSpeed USB 3.0 (device); 1 SuperSpeed USB 3.0 (host)

**Konnektivität, optional**

HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A

**Mindestsystemanforderungen**

2 GB available hard disk space, Internet connection, or USB port, Internet browser. For additional OS hardware requirements see [microsoft.com](http://microsoft.com)

**Mindestsystemvoraussetzungen für Macintosh**

2 GB available hard drive space, Internet connection, or USB port, Internet browser. For additional OS hardware requirements see [apple.com](http://apple.com)

**Kompatible Betriebssysteme**

Windows Client OS (32/64 bit)-, Win10, Win11, Win7 Ultimate, Mobile OS's-, iOS, Android, Apple macOS's-, Apple macOS Catalina v10.15, Apple macOS Big Sur v11.0, Apple macOS Monterey v12.0, (All operating systems with the latest updates)

**Kompatible Netzwerkbetriebssysteme**

Windows Server 2008 R2 64-bit, Windows Server 2012 64-bit, Windows Server 2012 R2 64-bit, Windows Server 2016 64-bit, Windows Server 2019 64-bit, Windows Server 2022 64-bit, Citrix Server 6.5, Citrix XenApp & XenDesktop 7.6, Novell iPrint server, Citrix Ready Kit Certification - Up to Citrix Server 7.18 for more information see <http://citrixready.citrix.com>, Linux- For more information see <http://developers.hp.com/hp-linux-imaging-and-printing>, Unix- For more information see <http://hp.com/go/unixmodelscripts>, Linux- For more information see <http://developers.hp.com/hp-linux-imaging-and-printing>, Unix- For more information see <http://hp.com/go/unixmodelscripts>, (All operating systems with the latest updates)

**Speicher**

6GB

**Maximale Speicherkapazität**

6GB

**Interner Speicher**

Standard, HP LaserJet 500GB Hard Disk Drive; AES 256 hardware encryption; Secure erase capabilities (Secure File Erase-Temporary Job Files, Secure Erase-Job Data, Secure ATA Erase-Disk)

**Papierhandhabung – Papiereingabe, Standard**

100-sheet multi-purpose tray, 2 x 520-sheet input tray

**Papierhandhabung – Papiereingabe, optional**

Optional 1,040 sheet tray; optional 2,000 sheet tray

**Papierzuführungskapazität**

Up to 1140 sheets (Tray1: up to 100 sheets; Tray2: up to 520 sheets; Tray3: up to 520 sheets)

**Maximale Zufuhrkapazität (Blätter)**

Bis zu 3140 Blatt

**Papierhandhabung – Papierausgabe, Standard**

500-Blatt-Ausgabefach mit Druckseite nach unten

**Papierhandhabung – Papierausgabe, optional**

Job Separator, Inner Finisher, Stapler stacker, Booklet maker, 2/3 hole punch, 2/4 hole punch, Swedish hole punch

**Ausgabefachkapazität**

Bis zu 500 Blatt

**Maximale Ausgabekapazität (Blätter)**

Up to 3250 sheets(With stapler-stacker)

**Finishing der Ausgabe**

Stacking; stapling; booklet making; hole punching (with optional output device)

**Beidseitiger Druck**

Automatisch

**Papierfächer, Standard**

3

**Papierfächer, maximal**

5

**Umschlageinzug**

Nein

**Maximale Zufuhrkapazität (Umschläge)**

Bis zu 10 Umschläge

**Unterstützte Medienformate**

Tray 1: A3, A4, A4R, A5, A5R, A6, RA4, B4 (JIS), B5 (JIS), B6 (JIS), Oficio, 8K, 16k, Postcard, Postcard (JIS), Envelope B5, Envelope C5, Envelope C6, Envelope DL; Tray 2: A4, A4R, A5, RA4, SRA4, B4 (JIS), B5 (JIS), Oficio, 16k; Tray 3: A3, A4, A4R, A5, RA4, SRA4, B4 (JIS), B5 (JIS), Oficio, 8K, 16k

**Medienformate, einstellbar**

Tray 1: 98 x 148 mm to 297 x 432 mm; Tray 2: 139.7 x 210 mm to 297 x 364 mm; Tray 3: 139.7 x 210 mm to 297 x 432 mm

**Medientypen**

Plain, HP EcoEFICIENT, HP Matte 90g, Light 60-74g, Bond, Recycled, HP Matte 105g, HP Matte 120g, HP Soft Gloss 120g, HP Glossy 120g, Mid-Weight 96-110g, Heavy 111-130g, Mid-WtGlossy 96-110g, Heavy Glossy 111-130g, HP Matte 150g, HP Glossy 150g, Extra Heavy 131-175g, XHvyGlossy 131-175g, HP Matte 200g, Card stock 176-220g, Light Paperboard 221-255g, Paperboard 256-300g, Mono Transparency, Labels, Letterhead, Envelope, Preprinted, Pre punched, Colored

**Gewicht Druckmedien, unterstützt**

Tray 1: 60 to 300 g/m<sup>2</sup>; Tray 2, 3: 60 to 220 g/m<sup>2</sup>

**Scannertyp**

ADF; Flatbed

**Scan-Dateiformat**

Hi-Compression PDF; JPEG; MTIFF; PDF; PDF/A; TIFF; XPS

**Scanauflösung, optisch**

Bis zu 600 x 600 dpi

**Bit-Tiefe**

24 Bit

**Scangröße, maximal**

297 x 432 mm

**Scanformat ADF (maximal)**

297 x 864 mm

**Kapazität der automatischen Dokumentenzuführung**

Standard, 200 Blatt

**Digital Sending – Standardfunktionen**

Scan to Email; scan to network folder; scan to USB drive; scan to SharePoint; scan to FTP; scan to sFTP; scan to LAN fax; scan to Internet Fax; local address book; SMTP over SSL; automatically detect color/monochrome; high compression PDF; image adjustments (darkness, contrast, background cleanup, sharpness); optimize text/picture (text, mixed, printed picture, photograph); content orientation; scan mode (book, 2-sided ID); erase edges; auto page crop; job build; image preview; blank page suppression; automatically straighten

**Unterstütztes Dateiformat**

Hi-Compression PDF; MTIFF; PDF; PDF/A; TIFF; XPS; JPEG

**Scangeschwindigkeit (normal, A4)**

Bis zu 90 Seiten/Min. bzw. 180 Bilder/Min. (Schwarzweiß), bis zu 90 Seiten/Min. bzw. 180 Bilder/Min. (Farbe)<sup>3</sup> 1

**Scan-Eingangsmodi**

Front panel applications: Copy; Fax; Scan to Email; Scan to Network Folder; Scan to USB; Scan to Job Storage; Open Extensibility Platform (OXP), HP Workpath applications

**Kopiergeschwindigkeit (schwarz, normale Qualität, A4)**

Bis zu 30 Kopien/Min.

**Kopierauflösung (schwarzer Text)**

Bis zu 600 x 600 dpi

**Einstellungen für Kopie verkleinern/vergrößern**

25 bis 400 %

**Kopien, maximal**

Bis zu 9.999 Kopien

**Kopiereinstellungen**

Booklet; Collation; Content orientation; Edge Erase; Image adjustment; Job build; N or Z-ordering; N-up; Optimize; Two-sided copy; Watermark; reduce/enlarge; Scan mode (book, 2-sided ID); Stamps; Image overlay; Image shift; Image preview; Paper selection; Blank page suppression; Scan to job storage; Automatically straighten

**Faxen**

Optional

**Faxübertragungsgeschwindigkeit**

33,6 Kbit/s

**Faxspeicher**

Bis zu 500 Seiten

**Faxauflösung Schwarzweiß (beste)**

Bis zu 300 x 300 dpi (400 x 400 dpi nur für empfangene Faxe)

**Faxrundsendedressen**

210

**Faxkurzwahlnummern, maximale Anzahl**

Bis zu 1.000 Nummern (mit jeweils bis zu 210 Zielnummern)

**Automatische Wahlwiederholung der Fax-Nummer**

Ja

**Verzögertes Senden von Faxen**

Nein

**Sperre gegen unerwünschte Faxe**

Ja

**Faxabruf**

Ja (nur Empfangs-Polling)

**Faxfernabruf**

Nein

**Faxweiterleitung**

Ja

**Unterstützte Fax-PC-Schnittstelle**

Ja

**Stromversorgung**

Input voltage: 220 to 240VAC 50/60Hz

**Netzteiltyp**

Internes (integriertes) Netzteil

**Energieverbrauch**

560 watts (30ppm, printing), 620 watts (35ppm, printing), 650 watts (40ppm, printing), 35.0 watts (ready), 0.8 watts (sleep), 0.2 watts (auto-off), 0.2 watts (manual-off)

**Typischer Stromverbrauch (TEC) – Nummer**

0.434 kWh/Week (30ppm, Blue Angel), 0.508 kWh/Week (35ppm, Blue Angel); 0.561 kWh/Week (40ppm, Blue Angel); 0.427 kWh/Week (30ppm, Energy Star 3.0), 0.495 kWh/Week (35ppm, Energy Star 3.0), 0.543 kWh/Week (40ppm, Energy Star 3.0)

**Umweltzeichen**

EPEAT® registered; IT ECO Declaration; Blue Angel

**ENERGY-STAR-zertifiziert**

Ja

**Temperaturbereich bei Betrieb**

15 bis 30 °C

**Luftfeuchtigkeitsbereich im Betrieb**

20 bis 80 % RF

**Mindestabmessungen (B x T x H)**

585 x 646 x 858.1 mm

**Maximale Abmessungen (B x T x H)**

1681 x 1196 x 1191 mm

**Gewicht**

63 kg

**UPC-Nummer**

(ABT) 196188056509; (ABY) 196188056516; (ACQ) 196188056554; (B09) 196188056578; (B13) 196188056585; (B19) 193905950201; (BAZ) 196188056592

**Paketabmessungen (B x T x H)**

758 x 848 x 1054 mm

**Paketgewicht**

83.88 kg

**Menge je Palette**

1

**Palettenabmessungen (B x T x H)**

758 x 848 x 1054 mm

**Palettengewicht**

83.88 kg

**Herkunftsland**

Hergestellt in China

**Mit Kabel**

Nein, USB-Kabel wird separat angeboten (Servicetechniker muss die Einheiten installieren)

**Ersatzkassetten**

HP Black Managed LaserJet Toner Cartridge (ISO Yield 24,000) W9064MC; HP Black Managed LaserJet Toner Cartridge (ISO Yield 48,000) W9065MC

*([1] Approximate average yield based on ISO/IEC 19752. Actual yield varies considerably based on content of printed pages and other factors. For details see <http://www.hp.com/go/learnaboutsupplies>)*

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**Mitgelieferte Software**

No software solutions are included in the Box only on <http://hp.com> <http://123.hp.com>

**Garantie**

1 Jahr nur für Ersatzteile Die erweiterten Garantie- und Supportoptionen variieren je nach Produkt, Land und lokalen gesetzlichen Anforderungen. Weitere Informationen zu den preisgekrönten HP Service- und Supportoptionen in Ihrer Region finden Sie unter <http://www.hp.com/support>.

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**Überblick**

- 1 HP's most advanced embedded security features are available on HP Managed and Enterprise devices with HP FutureSmart firmware 4.5 or above. Claim based on HP review of 2021 published features of competitive in-class printers. Only HP offers a combination of security features to automatically detect, stop, and recover from attacks with a self-healing reboot, in alignment with NIST SP 800-193 guidelines for device cyber resiliency. For a list of compatible products, visit: <https://www.hp.com/go/PrintersThatProtect>. For more information, visit: <https://www.hp.com/go/PrinterSecurityClaims>
- 2 Some features enabled by future HP FutureSmart firmware upgrades may not be available on older devices, if for example, physical product characteristics limit the functionality of the new feature.
- 4 Based on HP review of competitive manufacturer's published app platform specifications as of April 2019. Only HP Workpath offers a combination of app validation upon submission plus automated re-validation of apps. To enable HP Workpath, some devices may require optional accessory or firmware to be upgraded. Subscription may be required.
- 5 HP Security is now HP Wolf Security. Security features vary by platform. For more information, visit <https://www.hp.com/wolfsecurity>
- 6 Third-party certification based on Common Criteria Information Technology Security Evaluation ISO/IEC 15408 Standard requirements as of May 2019-2024. Certification applicable to HP Managed and Enterprise devices running HP FutureSmart Firmware version 4.5.1 and later. For more information: <https://www.commoncriteriaportal.org/files/epfiles/Certification%20Report%20-%20HP%20Intrusion%20Detection.pdf>
- 7 100% outer fiber-based packaging and internal fiber-based cushions made from sustainably sourced certified and recycled fibers.
- 8 100% of Original HP Toner Cartridges contain between 1-77% post-consumer or post-industrial recycled content. Does not include toner bottles or other products not listed. See <https://www.hp.com/go/TonerRecycledContent> for list. Hardware based: Post-consumer recycled is based on the definition set in the EPEAT standard for imaging equipment, IEEE 1680.2, and is expressed as percent of total weight of plastic.
- 9 HP voluntarily designs and tests its printing systems to prevent emissions that exceed Blue Angel and EPEAT eco-label guidelines.

**Spezifikationen**

- 1 Gemessen nach ISO/IEC 24734, ausgenommen sind die ersten Testdokumente. Weitere Informationen finden Sie unter <http://www.hp.com/go/printerclaims>. Die genaue Geschwindigkeit variiert je nach Systemkonfiguration, Software-Anwendung, Treiber und Komplexität des jeweiligen Dokuments.
- 3 Scangeschwindigkeiten wurden beim Scannen über ADF gemessen. Die tatsächlichen Verarbeitungsgeschwindigkeiten können je nach Scanauflösung, Netzwerkeigenschaften, PC-Leistung und Anwendungssoftware variieren.

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