



Brochure

HP LaserJet Enterprise 5000 and 6000 Monochrome Printers series

Elevate everyday tasks. Achieve extraordinary outcomes.



Today's fast-paced business environment demands simplified workflows, seamless integration and bulletproof security. HP monochrome LaserJet Enterprise 5000 and 6000 series MFPs and printers are purpose-built to revolutionise how work gets done. With the world's most secure printing technology, blazing-fast print speeds and evolving software updates, including new productivity features, these printers adapt to your unique business needs. Enjoy easy integration into existing fleets, reduce your environmental impact with energy-efficient design and empower teams with tools that work smarter, so your business can move faster. Discover how this portfolio can transform your business today.



Blazing-fast speeds, customisable features and FutureSmart firmware upgrades^{1,2}



Built-in HP AI digitisation solutions³



World's first printers to protect against quantum computer attacks⁴



Reduce costs and environmental impact with energy-efficient design⁵



Secure. Scalable. Smart. Printing that evolves with your business.

Revolutionise document workflows with the ultimate A4 enterprise black-and-white MFPs and printers. Built for effortless integration, automated operation and simplified management.

1. **The power to be more productive**

Maximise productivity with fast printer wake-up and speeds, tailor your workflows with customisable printer and software configurations, and keep your fleet future-ready with FutureSmart firmware upgrades.^{1,2}

2. **Digitise your workflows with smart solutions**

Simplify scan workflows with HP AI,³ automatically removing sensitive data⁶ and converting invoices, contracts and more to digital. Easily turn documents to Office formats with editable OCR.⁷

3. **Simplify work with automated workflows**

Work smarter wherever you are in your digital transformation. Choose the perfect fit, on-prem or cloud, and seamlessly integrate your device into existing fleets and workflows with compatibility built for your environment.

4. **Protect your business**

HP Wolf Enterprise Security is the world's most secure printing technology, seamlessly integrating protection into every aspect of your business. Work and grow with confidence, keeping your data, workflows and business safe from evolving threats.⁴

5. **Save energy and help reduce waste**

Help reduce waste and minimise your footprint through eco-labels, energy-efficient designs⁵ and TerraJet Cartridges made from recycled plastic.⁹ All backed by an industry-leading recycling programme.¹⁰

Get the power to be more productive



Save time with fast automatic 2-sided scanning up to 200 ipm¹ and print speeds up to 57 ppm¹ to power through your tasks.



Stay ahead with FutureSmart firmware updates, making sure your fleet is always up to date.²



Customise workflows your way with printer and software configurations for your unique needs.

Digitise your workflows with smart solutions



HP Editable OCR

Easily find, edit and share scans – AI automatically turns your scans into editable Office files (.docx, .pptx, .xlsx).⁷



HP AI Guided Redaction

Share scans with confidence – AI automatically redacts personally identifiable information from scans, all processed locally.⁶



HP Workpath and HP Open Extensibility Platform

Wherever you are in your digital transformation, find the perfect fit – on-premises or cloud-based print solutions, tailored to your needs.



HP Scan AI Enhanced

Digitise large stacks of paperwork in seconds without manual work – AI automatically extracts and organises key data from your scans.⁸

Protect your business with the most secure printers⁴



Keep your work always protected – HP Wolf silently detects and recover your printer from cyberattacks.⁴



Simplify compliance – HP Security Manager enforces policies and monitors your fleet, so you're always audit-ready, effortlessly.¹¹



Grant access only to verified users and devices with HP's Zero Trust Print Architecture, ensuring your users and network stay secure from evolving cyberthreats.¹²



Get peace of mind with future-ready security for your network with the world's first printers to protect against quantum computer attacks.¹³

Save energy and help reduce waste



Reduce costs and environmental impact with printers and toner cartridges that use less energy.¹⁴



Meet the rigorous criteria of EPEAT Gold, Energy Star and Blue Angel with our energy-efficient designs.⁵



Help reduce plastic waste with TerraJet Toner Cartridges designed with recycled plastics.⁹



Easily recycle your used HP TerraJet Toner Cartridges for free through the HP Planet Partners Programme.¹⁰

Exceptional performance, thoughtfully designed

The next generation of HP Toner and Cartridge technology, HP TerraJet Toner Cartridges and packaging are designed for efficient toner use with less waste,¹⁸ outstanding-quality printing and built-in security.^{19, 20}

- Original HP TerraJet Toner Cartridges and packaging are designed with less plastic and use less energy when printing.^{21, 22, 14}
- Original HP TerraJet Toner, the next generation of toner, features efficient toner use¹⁷ and outstanding-quality printing with improved performance. Experience uniform clear, sharp black text and rich tones with accurate contrast and shading.
- HP takes security seriously. Original HP TerraJet Toner Cartridges are designed for security with tamper-resistant chips, firmware and packaging.¹⁸



Deliver top performance with HP Flow MFPs

Your workflow, evolved

Unlock the full potential of your digital workflows with the cutting-edge features of HP Next Generation Flow Technology. Designed to help your team improve accuracy and efficiency for smoother, uninterrupted work.

Scan directly into Office formats with built-in OCR software⁷

Transform your scans directly into editable Office files (.docx, .pptx, .xlsx). Once scanned, your documents are searchable, shareable and ready to go.

Scan to multiple destinations

Send documents to multiple recipients with customised shortcuts that eliminate repetitive steps and avoid misdirection.

HP Reverse and Retry technology¹⁵

HP Reverse and Retry technology automatically detects and resolves multi-sheet feed issues, keeping workflows smooth by avoiding disruptions.

Smart auto-sensing features

Auto-sensing features, such as 2-sided document detection and automatic job separation, reduce steps and increase accuracy so you can spend more time on what matters most.

Options for improved data entry

Enhance productivity with a large 10.1-inch colour touch-enabled control panel featuring a virtual keyboard or opt for a physical keyboard to make data entry faster and more convenient for those who prefer a traditional typing experience.

On-device digital editing and marking

Streamline workflows with convenient digital editing – highlight, redact, mark up or sign¹⁶ documents directly from the MFP control panel.

Keep sensitive data private, automatically

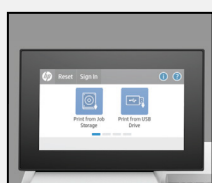
Your device automatically removes personally identifiable information before sharing – with no cloud processing needed.⁶

Accelerated scanning performance

HP Flow MFPs feature ultra-fast scanning speeds of up to 200 ipm duplex. Plus, you can further increase OCR performance with the optional Workflow accelerator card.

HP LaserJet Enterprise 6501dn walkaround

4.3-inch colour touchscreen display (10.9 cm)



500-sheet output bin supports media sizes up to Legal (8.5x14 inch)

Hardware Integration Pocket (for connecting accessories and third-party devices)¹

Automatic 2-sided printing

100-sheet multi-purpose tray 1 supports media sizes up to Legal (8.5x14 inch)

550-sheet tray 2 supports media sizes up to Legal (8.5x14 inch)

Gigabit Ethernet port

Rear super-speed USB 3.0 host port

Front hi-speed USB 2.0 host port

Rear super-speed USB 3.0 device port

Product availability may differ per market; please contact your HP representative for availability information.

HP LaserJet Enterprise 6500 series comparison



Model	HP LaserJet Enterprise 6500n	HP LaserJet Enterprise 6500dn	HP LaserJet Enterprise 6501dn
Product number	A29ZBA	A29ZCA	675T2A
Functions	Print	Print	Print
Print speed (up to) ²	57/55 ppm (Letter/A4)	57/55 ppm (Letter/A4)	57/55 ppm (Letter/A4)
Automatic 2-sided printing	No	Yes	Yes
Connectivity	USB, Ethernet	USB, Ethernet	USB, Ethernet
Walk-up USB	No	No	Yes
Control panel	2.7" non-touch	2.7" non-touch	4.3" colour touchscreen
Input capacity	650/2,850 (std/max)	650/2,850 (std/max)	650/2,850 (std/max)
Memory and storage*	2 GB RAM, 8 GB eMMC	2 GB RAM, 8 GB eMMC	4 GB RAM, 32 GB eMMC
RMPV ⁴	3,750 to 18,750	3,750 to 18,750	3,750 to 18,750
Workpath enabled	No	No	Yes
Extensibility	HP FutureSmart, ³ OXPd	HP FutureSmart, ³ OXPd	HP FutureSmart, ³ OXPd

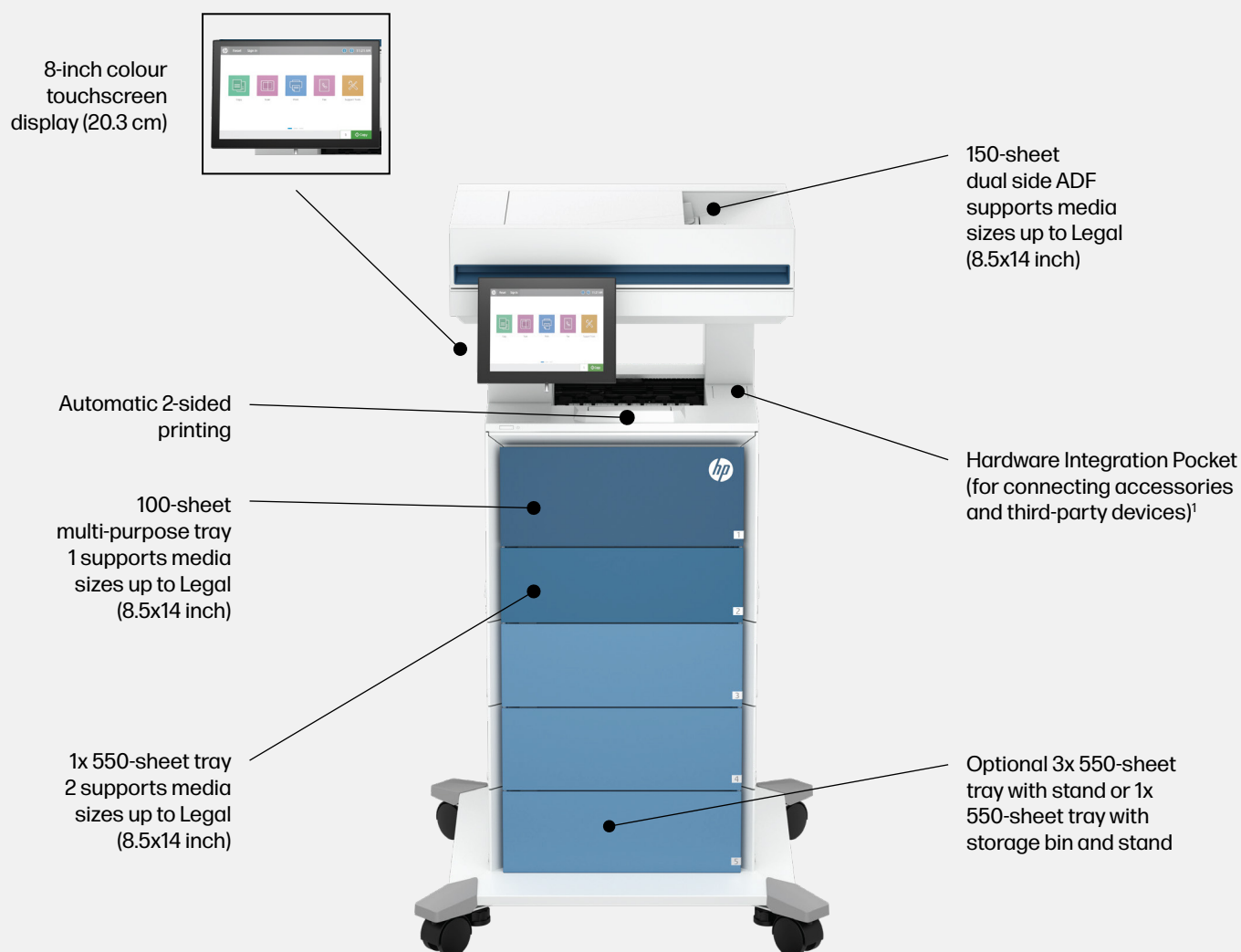
Product walkarounds and series comparison footnotes

1. Solutions deployed through the Hardware Integration Pocket (HIP) may require additional purchase.
2. 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.
3. 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. HP recommends that the number of pages per month of imaged output be within a stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period; the lowest monthly volume shown is based on 60-month usage and the highest 12-month usage.

*Optional storage options are available depending on configuration. Please contact your Market Category Manager for details.

Product availability may differ per market; please contact your HP representative for availability information.

HP LaserJet Enterprise MFP 6600dn walkaround



Rear super-speed
USB 3.0 host port

Front hi-speed
USB 2.0 host port

Rear super-speed
USB 3.0 device port

Gigabit
Ethernet port

Product availability may differ per market; please contact your HP representatives for availability information.

HP LaserJet Enterprise MFP 6600 series comparison



Model	HP LaserJet Enterprise MFP 6600dn	HP LaserJet Enterprise Flow MFP 6600zfw
Product number	675T8A	675T1A
Functions	Print, scan, copy	Print, scan, copy, fax
Print speed (up to) ²	57/55 ppm (Letter/A4)	57/55 ppm (Letter/A4)
Scan speed ²	90/180 ipm (simplex/duplex)	100/200 ipm (simplex/duplex)
Automatic 2-sided printing	Yes	Yes
Connectivity	USB, Ethernet	USB, Ethernet, Wi-Fi ⁵
Walk-up USB	Yes	Yes
Control panel	8" colour touchscreen	10.1" colour touchscreen
Input capacity	650/2,850 (std/max)	650/2,850 (std/max)
Memory and storage*	6 GB RAM, 32 GB eMMC	6 GB RAM, 256 GB SSD
RMPV ⁴	6,000 to 30,000	6,000 to 30,000
Key solutions	HP Scan AI Enhanced (optional)	HP Editable OCR HP AI Guided Redaction (optional) HP Scan AI Enhanced (optional) HP Flow
Workpath enabled	Yes	Yes
Output devices	Optional convenience stapler via CTO Optional 3-bin stapler stacker via CTO	Standard convenience stapler Optional 3-bin stapler stacker via CTO
Extensibility	HP FutureSmart 5, ³ OXPd	HP FutureSmart 5, ³ OXPd

Product workarounds and series comparison footnotes

1. Solutions deployed through the Hardware Integration Pocket (HIP) may require additional purchase.
2. 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.
3. 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. HP recommends that the number of pages per month of imaged output be within a stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period; the lowest monthly volume shown is based on 60-month usage and the highest 12-month usage.
5. Internet access required and must be purchased separately. Wireless operations are compatible with 2.4 GHz and 5.0 GHz operations only. Supports both 5.0 GHz and 2.4 GHz using up to 12 non-overlapping channels vs only 3 non-overlapping channels for 2.4 GHz only. Supports 5.0 GHz band (up to 150 mbps) vs 2.4 GHz band (up to 72.2 mbps). Learn more at: www.hp.com/go/mobileprinting.

*Optional storage options are available depending on configuration. Please contact your HP representative for details.

**Available only through CTO in certain markets

Disclaimers

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.
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.
3. HP AI uses artificial intelligence (AI). Feature availability varies by printer model, configuration and country, with additional localisations planned for future launches. HP reserves the right to charge for certain AI features or additional services in the future in accordance with the HP AI Terms of Service. To learn more, visit hp.com/HP_AI.
4. 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 published features as of June 2025 of competitive in-class printers. Only HP offers a combination of security features to automatically detect, isolate, stop and recover from attacks with a self-healing reboot, in alignment with NIST SP 800-193 guidelines for device cyber resiliency. Printers are most vulnerable to attack when they are booting up and during runtime (when the printer is in sleep mode and in use). Only HP Enterprise printers protect the device during 100% of the printer's life with Sure Start BIOS protection, Memory Shield with hardware-based Runtime Intrusion Detection and Control Flow Integrity to detect and recover from zero-day threats in addition to Connection Inspector network behavioural anomaly detection all with self-healing recovery. For a list of compatible products, visit hp.com/go/PrintersThatProtect. For more information, visit hp.com/go/PrinterSecurityClaims.
5. HP voluntarily designs and tests its printing systems to prevent emissions that exceed Blue Angel and EPEAT eco-label guidelines. Based on US, Canada, India and Australia EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. EPEAT® status varies by country. Visit www.energystar.gov/productfinder for more information on models of the HP LaserJet Enterprise 5500/6500/MFP 5600/MFP 6600 series that are ENERGY STAR certified in North America. ENERGY STAR and the ENERGY STAR logo are registered US marks. HP printer, HP paper and Original HP supply – Blue Angel DE-UZ 219 Emissions Criteria.
6. Guided Redaction estimated to be available spring 2026 on select Flow MFPs (HP LaserJet Enterprise Flow MFP 6600zfw/5602zfw). Requires latest HP FutureSmart firmware and the purchase of the HP Workflow Accelerator Card accessory. Telephone and social security number fields are optimised for North America and selected European countries.
7. Available as standard on Flow MFP models (HP LaserJet Enterprise Flow MFP 5602zfw/6600zfw).
8. Not all MFPs may be compatible with Workpath apps. To enable HP Scan AI Enhanced, a licence is required. Personalised content and integration functions are applicable to supported HP Workpath apps only.
9. Recycled plastic is expressed as a percentage of total weight of plastic. See www.hp.com/tonerrecycledcontent for more information.
10. Programme availability varies. For more information, visit hp.com/hprecycle.
11. HP Security Manager must be purchased separately. For details, see hp.com/go/securitymanager.
12. Delivered through implementation of HP Authentication Suite for Workpath-enabled devices and devices with embedded Protected Access, both providing passwordless multifactor authentication for Microsoft Entra ID environments. Device identity provided by deployment of device certificates using HP Security Manager software, sold separately.
13. Based on HP's internal analysis of business printers with pre-installed encryption, authentication, malware protection, post-quantum digital signature and initial BIOS firmware integrity protection with automatic self-healing recovery finding that no other in-class printers implement a quantum-resistant cryptographic scheme to protect the integrity of the BIOS and firmware as of March 2025.
14. HP calculations based on normalised Energy Star® TEC data of HP LaserJet Enterprise 5501-5502, 5601-5602, 6500-6501 and 6600 with HP TerraJet Cartridges compared to HP LaserJet Enterprise M507, M528, M610 and HP M634. See hp.com/TerraJet/energysaving.
15. HP Flow is available only on Flow MFP models (HP LaserJet Enterprise Flow MFP 5602zfw/6600zfw).
16. HP does not endorse the use of a simple signature as a legally binding digital signature in all jurisdictions; please check your local laws for enforceability of simple signatures if intending to use a simple signature as a binding signature.
17. Toner efficiency of Original HP 159 and 160 TerraJet Toner Cartridges compared to HP Original 89 and 147 Toner Cartridges. Calculated in 2026 using pages printed per gram of toner. See hp.com/TerraJet/tonersaving for more information.

Disclaimers

18. HP office-class printing systems are select Enterprise and Managed devices with FutureSmart firmware 4.5 and up, Pro devices, LaserJet models 200 and up, with respective Original HP Toner, PageWide and ink cartridges. Does not include HP integrated printhead cartridges. Digital supply-chain tracking, hardware, chips and packaging security features vary locally by SKU. See hp.com/cartridgesecurity.
19. See ISO/IEC 20243:2018 Open Trusted Technology Provider™ Standard Certification Register. See certification.opengroup.org/register/ottps-certification.
20. Virgin plastic reduction in Original HP 159 and 160 TerraJet Toner Cartridges compared to predecessor Original HP 89 and 147 Toner Cartridges is based on comparing grams of virgin plastic and is expressed as a percentage of total weight of plastic. Accurate as of 2026 for the products listed only.
21. Reduction of plastic packaging in Original HP 159 and 160 TerraJet Toner Cartridges compared to predecessor Original HP 89 and 147 Toner Cartridges is based on comparing grams of plastic packaging mass. Accurate as of 2026 for the products listed only.
22. Speed of HP LaserJet Enterprise 5501-5502 and 5601-5602 compared to HP LaserJet Enterprise M507 and M528 and of HP LaserJet Enterprise 6500-6501 and 6600 compared to HP LaserJet Enterprise M610 and M634. Measured in 2026 using ISO/IEC 24734, excludes first set of test documents. Exact speed varies depending on the system configuration, software application, driver and document complexity.

