



# HP LaserJet Managed E60165 series

This HP LaserJet with JetIntelligence combines performance, energy efficiency, and security.<sup>1</sup>

This HP LaserJet Printer with JetIntelligence combines exceptional performance and energy efficiency with professional-quality documents right when you need them—all while protecting your network from attacks with the industry's deepest security.<sup>1</sup>

Dynamic security enabled printer. Only intended to be used with cartridges using an HP original chip. Cartridges using a non-HP chip may not work, and those that work today may not work in the future.  
<http://www.hp.com/go/learnaboutelectronics>



HP LaserJet Managed E60165dn

## The world's most secure printing<sup>1</sup>

- With HP Sure Start, each printer regularly checks its operating code and repairs itself from attempted hacks.
- Help prevent potential attacks and take immediate action with instant notification of security issues.
- Centralize control of your printing environment with HP Web Jetadmin—and help build business efficiency.<sup>2</sup>
- Give workgroups what they need to succeed. Easily choose and deploy over 175 HP and third-party solutions.

## High-speed performance meets energy efficiency

- Speed through tasks and save paper. Print two-sided documents nearly as fast as single-sided.
- This printer wakes up fast and prints your first page faster—in as quickly as 8.2 seconds.<sup>4</sup>
- This printer uses exceptionally low amounts of energy thanks to its innovative design and toner technology.<sup>5</sup>
- Paper handling options include a wheeled stand and 550-sheet input feeder for paper sizes A6 to legal.

## Pages, Performance, and Protection.

- Produce sharp text, bold blacks, and crisp graphics with precision black toner.
- Spend less time replacing toner, and more on business. Choose high-yield toner cartridges.
- Help retain the Original HP quality you paid for with anti-fraud and cartridge authentication technology.

<sup>1</sup> Based on HP review of 2018 published security features of competitive in-class printers. Only HP offers a combination of security features that can monitor to detect and automatically stop an attack then self-validate software integrity in a reboot. For a list of printers, visit <http://www.hp.com/go/PrintersThatProtect>. For more information: <http://www.hp.com/go/printersecurityclaims>

<sup>2</sup> HP Web Jetadmin is available for download at no additional charge at <http://www.hp.com/go/webjetadmin>

<sup>3</sup> 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.

<sup>4</sup> Measured after 15 min in sleep. Exact speed varies depending on the system configuration, software application, driver, document complexity and time in sleep.

<sup>5</sup> Based on HP testing using the ENERGY STAR® program's Typical Electricity Consumption (TEC) method or as reported in [energystar.gov](http://energystar.gov) versus the top three leading competitors as of 8/2015. Actual results may vary. For details see [hp.com/go/Ljclaims](http://hp.com/go/Ljclaims).

## Product walkthrough

1. Hardware Integration Pocket<sup>1</sup>
2. 4.3-inch (10.9 cm) color graphics display with touchscreen
3. Easy-access USB port<sup>2</sup>
4. 100-sheet multipurpose tray 1 supports media sizes up to 8.5 x 14 inches (216 x 356 mm)
5. Automatic two-sided printing
6. Rear door (for jam access)
7. 550-sheet input tray 2 supports media sizes up to up to 8.5 x 14 inches (216 x 356 mm)
8. 500-sheet output bin
9. Cartridge door release button (access to toner cartridge)
10. Host USB port
11. Gigabit Ethernet network port
12. Hi-Speed USB 2.0 printing port
13. Slot for cable-type security lock



## Series at a glance



Model	HP LaserJet Managed E60165dn
Product number	3GY10A
Print speeds (letter/A4) <sup>3</sup>	Up to 65/61 pages per minute (ppm)
Control panel	4.3-inch (10.9 cm) color graphics display with touchscreen
100-sheet multipurpose tray 1, 550-sheet tray 2	√
Optional paper-handling accessories <sup>4</sup>	See Paper-handling accessories table below for details
Managed Cartridge yield <sup>5</sup>	Black: ~50,000 pages
Wireless direct <sup>6</sup> /NFC touch-to-print <sup>7</sup> /BLE <sup>8</sup>	Optional
Wireless networking <sup>9</sup>	Optional
HP High-Performance Secure Hard Disk	Optional
Recommended Monthly Page Volume (RMPV) <sup>10</sup>	5,000 to 40,000 pages

<sup>1</sup> Solutions deployed through the Hardware Integration Pocket (HIP) may require additional purchase.

<sup>2</sup> An administrator must enable the easy-access USB port before use.

<sup>3</sup> Measured using ISO/IEC 24734; excludes first set of test documents. For more information, see [hp.com/go/printerclaims](http://hp.com/go/printerclaims). Exact speed varies depending on the system configuration, software application, driver, and document complexity.

<sup>4</sup> The HP LaserJet Managed E60165dn comes standard with the 100-sheet multipurpose tray and 550-sheet tray 2. It can add up to four additional optional 550-sheet paper feeders and the optional 2,100-sheet paper feeder. All optional accessories support media sizes up to 8.5 x 14 inches (216 x 356 mm).

<sup>5</sup> Average black declared yields based on ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see [hp.com/go/learnaboutsupplies](http://hp.com/go/learnaboutsupplies). HP Managed Cartridges are not included in printer purchase; purchase separately.

<sup>6</sup> Wireless direct printing can be added by purchasing the optional HP Jetdirect 3000w NFC/wireless direct accessory (J8030A). If selected, you cannot also select the HP Jetdirect 2900nw Print Server (J8031A) or HP Jetdirect 3100w BLE/NFC/Wireless Accessory (3JN69A). Mobile device needs to be connected directly to the signal of a wireless direct supported MFP or printer prior to printing. Depending on mobile device, an app or driver may also be required. For details, see [hp.com/go/mobileprinting](http://hp.com/go/mobileprinting).

<sup>7</sup> Touch-to-print can be added by purchasing the optional HP Jetdirect 3000w NFC/Wireless Direct Accessory. Mobile device must support Near Field Communication (NFC)-enabled printing. For more information, see [hp.com/go/businessmobileprinting](http://hp.com/go/businessmobileprinting).

<sup>8</sup> Bluetooth® Low Energy is optional on the HP LaserJet Managed E60165dn with the addition of the HP Jetdirect 3100w BLE/NFC/Wireless Accessory (3JN69A). If selected, you cannot also select the HP Jetdirect 2900nw Print Server (J8031A) or the HP Jetdirect 3000w NFC/Wireless Accessory (J8030A). Bluetooth is a trademark owned by its proprietor and used by HP Inc. under license.

<sup>9</sup> Wireless networking can be added with the selection of the optional HP Jetdirect 2900nw Print Server (J8031A). If selected, you cannot also select the HP Jetdirect 3000w NFC/Wireless Accessory (J8030A) or HP Jetdirect 3100w BLE/NFC/Wireless Accessory (3JN69A). Wireless performance is dependent on physical environment and distance from access point, and may be limited during active VPN connections.

<sup>10</sup> Recommended Monthly Page Volume: HP recommends that the number of printed pages per month be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period.

## HP Services

Downtime can have serious consequences, so HP provides support beyond the standard warranty. You benefit from reduced risk, maximized uptime, predictable service delivery and no unbudgeted repair costs. HP Care Pack Services provide a comprehensive suite of protection services designed to keep HP hardware and software up and running so employees can stay productive.

For carepack availability visit: [hp.com/go/cpc](http://hp.com/go/cpc):

## Top features

Only HP Enterprise printers repair themselves from attacks in real time while offering outstanding manageability. Automatically monitor threats, detect intrusions, and validate operating software while centrally managing your fleet with ease.<sup>1</sup>

With speeds up to 65 pages per minute,<sup>3</sup> fast first page out, and a variety of paper-handling options, you get confidence that your employees can speed through their tasks without interruption.

Help protect your printer using Original HP Toner cartridges with JetIntelligence.

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### Accessories

- LOH17A** HP LaserJet 550-Sheet Paper feeder
- LOH18A** HP LaserJet 2100-Sheet Paper feeder
- LOH19A** HP LaserJet Printer Stand
- LOH20A** HP LaserJet Stapler/Stacker/ Mailbox
- LOH21A** HP Envelope Feeder
- LOH22A** HP Extension Tray Cover
- B5L28A** HP Internal USB Ports
- B5L29A** HP Secure High Performance Hard Disk Drive
- J8031A** HP Jetdirect 2900nw Print Server
- G6W84A** HP 1 GB 90-Pin DDR3 DIMM
- 2MU47A** Accessibility Assistant
- J8030A** HP Jetdirect 3000w NFC/Wireless Accessory
- 3JN69A** HP JetDirect 3100w BLE/NFC/Wireless Accessory
- 2NR12A** HP Removable Hard Drive Enclosure
- X3D03A** HP USB Universal Card Reader
- Y7C05A** HP HIP2 Keystroke Reader
- 4QL32A** HP Legic Reader

### Supplies

HP Black Managed LaserJet Toner (50,000 yield) W9004MC. This printer uses newer generation HP cartridges identifiable by a "P" at the end of the cartridge lot number. More at [www.hp.com/go/learnaboutsupplies](http://www.hp.com/go/learnaboutsupplies)

### Services

- U9NH5E** - HP 3 years Next Business Day w/DMR LaserJet Enterprise E6006x MNGD SVC
  - U9NH6E** - HP 4 years Next Business Day w/DMR LaserJet Enterprise E6006x MNGD SVC
  - U9NH7E** - HP 5 years Next Business Day w/DMR LaserJet Enterprise E6006x MNGD SVC
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<sup>1</sup> Based on HP review of 2018 published security features of competitive in-class printers. Only HP offers a combination of security features that can monitor to detect and automatically stop an attack then self-validate software integrity in a reboot. For a list of printers, visit <http://www.hp.com/go/PrintersThatProtect>. For more information: <http://www.hp.com/go/printersecurityclaims>

<sup>2</sup> HP Web Jetadmin is available for download at no additional charge at <http://www.hp.com/go/webjetadmin>

<sup>3</sup> 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.

<sup>4</sup> Measured after 15 min in sleep. Exact speed varies depending on the system configuration, software application, driver, document complexity and time in sleep.

<sup>5</sup> Based on HP testing using the ENERGY STAR® program's Typical Electricity Consumption (TEC) method or as reported in [energystar.gov](http://energystar.gov) versus the top three leading competitors as of 8/2015. Actual results may vary. For details see [hp.com/go/Ljclaims](http://hp.com/go/Ljclaims).

## HP LaserJet Managed E60165 series

<b>Model</b>	HP LaserJet Managed E60165dn
<b>Product number</b>	3GY10A
<b>Print</b>	
Print speed <sup>11,12</sup>	<b>Letter:</b> Up to 65 ppm Black; <b>2-sided:</b> Up to 53 ipm Black; <b>First page out:</b> As fast as 5.0 sec Black; <b>Print speed (Landscape, A5):</b> Up to 100 ppm Black
Print resolution	<b>Black (best)</b> Up to 1200 x 1200 dpi; <b>Black (normal)</b> FastRes 1200; <b>Black (fine lines)</b> Up to 1200 x 1200 dpi
Print technology	Laser; <b>Print resolution technology:</b> FastRes 1200; 1200 x 1200 dpi
Print cartridges number	1 (black)
Standard print languages	HP PCL 6, HP postscript level 3 emulation, native PDF printing (v 1.7), Apple AirPrint™
Printer smart software features	Print preview, duplex printing, print multiple pages per sheet (2, 4, 6, 9, 16), collation, watermarks, store print jobs, easy-access USB
Printer management / HP SureSupply	HP Printer Assistant; HP Device Toolbox; HP Web JetAdmin Software; HP JetAdvantage Security Manager; HP SNMP Proxy Agent; HP WS Pro Proxy Agent; Printer Administrator Resource Kit for HP Universal Print Driver (Driver Configuration Utility - Driver Deployment Utility - Managed Printing Administrator) / No
<b>Connectivity</b>	
Standard connectivity	1 Hi-Speed Device USB 2.0; 2 Hi-Speed USB 2.0 Host; 1 Gigabit Ethernet; 1 Hardware Integration Pocket
Network capabilities	Yes, via HP Jetdirect Ethernet embedded print server (standard) which supports: 10Base-T, 100Base-Tx, 1000Base-T; 802.3az (EEE) support on Fast Ethernet and Gig Links; IPsec (standard); 802.11a/b/g/n wireless networking (optional).
Wireless capability	Optional, enabled with purchase of a wireless hardware accessory. Single band Wireless Station and Wi-Fi Direct functionality available with HP Jetdirect 3000w NFC/Wireless Accessory J8030A, Dual band Wireless Station and Wi-Fi Direct functionality available with HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A, Dual band Wireless Station functionality available with HP Jetdirect 2900w Print Server J8031A
Mobile printing capability <sup>8</sup>	Apple AirPrint™; Google Cloud Print™; HP ePrint; Mopria™ Certified; R0AM capable for easy printing
Memory	<b>Standard:</b> 512 MB; <b>Maximum:</b> 1.5 GB, MAX memory, when Accessory DIMM is installed
Processor speed	1.2 GHz / <b>Storage:</b> 4 GB eMMC / <b>Hard disk:</b> Optional, 500 GB minimum encrypted hard disk drive
Duty cycle (monthly) <sup>9</sup>	<b>Letter:</b> Up to 420,000 pages; <b>Recommended monthly page volume<sup>10</sup>:</b> 5000 to 40,000
<b>Paper handling</b>	
Input	100-sheet multipurpose feeder; 550-sheet input feeder; Up to 650 sheets Standard
Output	<b>Standard:</b> 500 sheet output bin; Up to 500 sheets Standard; <b>Transparencies:</b> 200
Duplex Options	Automatic (standard)
Envelope feeder	Yes, 75
Standard paper trays	2
Media types	Paper (plain, light, bond, recycled, heavy, extra heavy, cardstock, pre-printed, pre-punched, colored, rough, heavy rough), mono transparency, labels, letterhead, envelope, heavy envelope
Media weight	Tray 1: 16 to 53 lb; Tray 2: 16 to 32 lb; Automatic Duplexer: 16 to 32 lb
Media sizes	Tray 1: letter, legal, executive, statement, 3 x 5 in, 4 x 6 in, 5 x 7 in, 5 x 8 in, 8.5 x 13 in, envelopes (No. 9, No. 10, Monarch); Tray 2: letter, legal, executive, statement, 4 x 6 in, 5 x 7 in, 5 x 8 in, 8.5 x 13 in; Optional 550-sheet tray: letter, legal, executive, statement, 4 x 6 in, 5 x 7 in, 5 x 8 in, 8.5 x 13 in; Optional 2100-sheet tray: letter, legal; Optional 75-envelope feeder: No. 9, No. 10, Monarch; Automatic Duplexer: letter, legal, executive, 8.5 x 13 in
Media Sizes Custom	Tray 1: 3 x 5 to 8.5 x 14 in; Tray 2: 3.9 x 5.8 to 8.5 x 14 in; Optional 550-sheet tray: 3.9 x 5.83 to 8.5 x 14 in; Optional 2100-sheet tray: custom sizes not supported; Optional 75-envelope feeder: 3.55 x 5.83 to 7 x 10 in
Dimensions (w x d x h)	17 x 18.3 x 15 in; <b>Maximum:</b> 17 x 40.9 x 17.8 in
Weight <sup>3</sup>	47.51 lb
<b>What's in the box<sup>2</sup></b>	HP LaserJet Managed E60165dn Printer; HP Original LaserJet Toner Cartridge (~11,000 pages); Documentation (Hardware Install Guide); Power cord; Fixed-Size Cassette Guides
<b>Replacement cartridges<sup>5</sup></b>	HP Black Managed LaserJet Toner (50,000 yield) W9004MC. This printer uses newer generation HP cartridges identifiable by a "P" at the end of the cartridge lot number. More at <a href="http://www.hp.com/go/learnaboutsupplies">www.hp.com/go/learnaboutsupplies</a>
<b>Warranty features</b>	One-year, next-business day, onsite warranty. Warranty and support options vary by product, country and local legal requirements. 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. (wty code 4G)
<b>Energy efficiency compliance</b>	EPEAT® Silver; ECEP; ENERGY STAR® qualified
<b>Control panel</b>	4.3-in (10.92 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display; Home button
<b>Display</b>	4.3-in (10.92 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display; Home button
<b>Software included</b>	No software solutions are included in the box, only on <a href="http://hp.com">http://hp.com</a> , <a href="http://123.hp.com">http://123.hp.com</a>
<b>Fonts and typefaces</b>	105 internal TrueType fonts scalable in HP PCL, 92 internal scalable fonts in HP postscript level 3 emulation (Euro symbol built-in); 1 internal Unicode Fonts (Andale Mono WorldType); 2 Internal Windows Vista 8 Fonts (Calibri, Cambria); Additional font solutions available via third-party flash memory cards; HP LaserJet Fonts and IPDS Emulation available at <a href="http://www.hp.com/go/laserjetfonts">http://www.hp.com/go/laserjetfonts</a>
Compatible operating systems	Windows Client OS (32/64 bit), Win10, Win8.1, Win 8 Basic, Win8 Pro, Win8 Enterprise, Win8 Enterprise N, Win7 Starter Edition SP1, UPD Win7 Ultimate, Mobile OS, iOS, Android, Mac, Apple® macOS Sierra v10.12, Apple® macOS High Sierra v10.13, Apple® macOS Mojave v10.14, Discrete PCL6 Printer Driver. For more information on the supported operating systems go to <a href="http://support.hp.com">http://support.hp.com</a> . Enter your product name and search. Click on User Guides and enter your product name and search for User Guide, Search for your (Product Name) - User Guide, Search for the Supported Operating Systems section, UPD PCL6 / PS Printer Drivers, Supported Operating systems, For more information on the supported operating systems see <a href="http://www.hp.com/go/upd">www.hp.com/go/upd</a>
Compatible network operating systems	Windows Server 2008 R2 64-bit, Windows Server 2008 R2 64-bit (SP1), Windows Server 2012 64-bit, Windows Server 2012 R2 64-bit, Windows Server 2016 64-bit, Failover Cluster 2008 R2, Failover Cluster 2012 R2, Terminal server 2008 R2, Remote Desktop server 2012 R2, 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 <a href="http://citrixready.citrix.com">http://citrixready.citrix.com</a> , Linux- For more information see <a href="http://developers.hp.com/hp-linux-imaging-and-printing">http://developers.hp.com/hp-linux-imaging-and-printing</a> , Unix- For more information see <a href="http://hp.com/go/unixmodelscripts">http://hp.com/go/unixmodelscripts</a> , UPD PCL6 / PS Printer Drivers, Supported for Compatible Network Operating systems please see <a href="http://hp.com/go/upd">http://hp.com/go/upd</a>
Minimum system requirements	<b>PC:</b> 2 GB available hard disk space, Internet connection, USB port, Internet browser. For additional OS hardware requirements see <a href="http://microsoft.com">microsoft.com</a> ; <b>Mac:</b> 2 GB available hard drive space, Internet connection or USB port, OS hardware requirements see <a href="http://apple.com">apple.com</a>
<b>Power<sup>6</sup></b>	<b>Power supply type:</b> Built-in 115V or 220V Power Supply; <b>Power supply required:</b> Input voltage: 100 V to 127 V nominal (+/-10%), 50 - 60 Hz nominal (+/- 3 Hz), 1.2 A; Input voltage: 220 V to 240 V nominal (+/-10%), 50 - 60 Hz nominal (+/- 3 Hz), 0.6 A; <b>Power consumption<sup>7</sup>:</b> 720 watts (printing), 15.4 watts (ready), 0.6 watts (sleep), < 0.1 watts (Auto Off/Manual On), < 0.1 watts (Manual Off); <b>Typical electricity consumption (TEC) number:</b> 2.425 kWh/Week (Blue Angel); 0.877 kWh/Week (Energy Star 3.0); <b>Best technical electricity consumption (TEC):</b> 2.425 kWh/week
<b>Acoustics</b>	<b>Acoustic power emissions:</b> 7.2 B(A)
<b>Operating environment</b>	<b>Operating temperature range:</b> 50 to 90.5°F; <b>Recommended operating temperature:</b> 59 to 80.6°F; <b>Storage temperature range:</b> -4 to 104°F; <b>Operating humidity range:</b> 10 to 80% RH; <b>Recommended operating humidity range:</b> 30 to 70% RH
<b>Security management</b>	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; and Kerberos authentication; Supports WPA-10 IPsec configuration Plug-in; 802.1X authentication (EAP-PEAP; EAP-TLS); SNMPv3; HTTPS; Certificates; Access Control List; Data: Storage Encryption; Encrypted PDF & Email (uses FIPS 140 validated cryptographic libraries from Microsoft); Secure Erase; SSL/TLS (HTTPS); Encrypted (credentials); Device: Security lock slot; USB port disablement; hardware integration pocket for security solutions; Intrusion Detection with Red Balloon Security Technology - Constant in-device monitoring for attacks; SureStart Secure Boot - BIOS Integrity Checking with self-healing capability; Whitelisting - loads only known good code (DLLs, EXEs, ...); Security management: Compatible with HP JetAdvantage Security Manager; Device Security Syslog Messages processed and accessible in ArcSight and Splunk SIEMs

<sup>1</sup> EPEAT® registered where applicable. EPEAT registration varies by country. See <http://www.epeat.net> for registration status by country.

<sup>2</sup> Standard cartridges included; yields 11,000 black pages. Average black declared yields based on ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see <http://www.hp.com/go/learnaboutsupplies>.

<sup>3</sup> With print cartridges

<sup>4</sup> Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and void the product warranty. Power consumption values typically based on measurement of 115 V device.

<sup>5</sup> Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and void the product warranty. Energy Star value typically based on measurement of 115 V device.

<sup>6</sup> Based on the BA TEC method with the following possible exceptions: 1 minute or less sleep delay setting, Wi-Fi disabled.

<sup>7</sup> Average black declared yields based on ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see <http://www.hp.com/go/learnaboutsupplies>.

<sup>8</sup> To enable HP Roam, some devices may require firmware to be upgraded and an optional accessory to add Bluetooth® Low Energy (BLE) beaconing capabilities. Customer can purchase the HP Jetdirect 3100w BLE/NFC/Wireless accessory or the RadBeacon USB.

<sup>9</sup> Duty cycle is defined as the maximum number of pages per month of imaged output. This value provides a comparison of product robustness in relation to other HP LaserJet or HP Color LaserJet devices, and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or groups.

<sup>10</sup> HP recommends that the number of pages per month of imaged output be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period.

<sup>11</sup> 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.

<sup>12</sup> Measured using ISO/IEC 17629. For more information see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, software application, driver, and document complexity.

To learn more, visit [hp.com](http://hp.com)

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