ProductSheet
HP Color LaserJet Enterprise M455dn (3PZ95A)

HP's entry-level Enterprise-class color printer with speeds up to 28 ppm[8] and strongest security.[1]

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Easy to use, simple to manage
HP FutureSmart firmware can be updated with the latest features[2] to optimize your investment for years to come.

The world's most secure printing[1]
The operating code (BIOS) is automatically checked during startup and repairs itself if compromised.

Enhanced productivity to empower work teams
Give workgroups what they need to succeed with hundreds of HP and third-party solutions and card reader support.

Specifications

Print Resolution Technologies	HP ImageREt 3600, Enhanced (600x600 dpi), Fine Lines (1200x1200 dpi), Quickview (300x300 dpi)
Print quality black (best)	Up to 600 x 600 dpi
Print quality color (best)	Up to 600 x 600 dpi
Print speed black (ISO, A4)	Up to 27 ppm
Print speed black (ISO, letter)	Up to 29 ppm
Print Speed Color (ISO)	Up to 27 ppm
Print speed color (ISO)	Up to 29 ppm
Print speed	Up to 29 ppm (black) and 29 ppm (color)
Functions	Print
Duplex printing	Automatic (default)
Duty cycle (monthly, A4)	Up to 55,000 pages
Duty cycle (monthly, letter)	Up to 55,000 pages
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.
Energy savings feature technology	HP Auto-On/Auto-Off Technology; Instant-on Technology; Instant-on Copy
Replacement cartridges	HP 414A Black Original LaserJet Toner Cartridge (~2,400 pages) W2020A HP 414A Cyan Original LaserJet Toner Cartridge (~2,100 pages) W2021A HP 414A Yellow Original LaserJet Toner Cartridge (~2,100 pages) W2022A HP 414A Magenta Original LaserJet Toner Cartridge (~2,100 pages) W2023A HP 414X High Yield Black Original LaserJet Toner Cartridge (~7,500 pages) W2020X HP 414X High Yield Cyan Original LaserJet Toner Cartridge (~6,000 pages) W2021X HP 414X High Yield Yellow Original LaserJet Toner Cartridge (~6,000 pages) W2022X HP 414X High Yield Magenta Original LaserJet Toner Cartridge (~6,000 pages) W2023X[5]
Supplies feature	HP JetIntelligence Cartridge
Connectivity, standard	2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network
Connectivity, optional	HP Jetdirect LAN Accessory 8FP31A; HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A
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); second Ethernet port (Optional).
Wireless capability	Optional, enabled with purchase of a wireless hardware accessory. Dual band Wireless Station and Wi-Fi Direct functionality available with HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A
Mobile printing capability	HP ePrint; Apple AirPrint™; NFC Touch-to-print (optional); PrinterOn Print; Mopria™ certified
Network protocols, supported	Via built-in networking solution: TCP/IP, IPv4, IPv6; Print: TCP-IP port 9100 Direct Mode, LPD, Web Services Printing, IPP 2.0, Apple AirPrint™, HP ePrint; Discovery: SLP, Bonjour, Web Services Discovery; IP Config: IPv4 (BootP, DHCP, AutoIP, Manual), IPv6 (Stateless Link-Local and via Router, Statefull via DHCPv6); Management: SNMPv2/v3, HTTP/HTTPS, Syslog; Security: SNMPv3, SSL Cert Management, IPSec(IKEv1 and IKEv2), Firewall, 802.1x
Software included	No software solutions are included in the Box only on http://hp.com or http://123.hp.com
Compatible Operating Systems	Windows 11; Windows 10; Windows 8; Windows 8.1; Windows 7; Windows Client OS; Android; iOS; Mobile OS; macOS 10.12 Sierra; macOS 10.13 High Sierra; macOS 10.14 Mojave; macOS 10.15 Catalina
Technical features	Compact size; JetIntelligence Toners; HP Auto-On/Auto-Off; ENERGY STAR®; AirPrint; HP ePrint; Walk-up USB (doc, ppt, pdf, jpg)
Sustainable impact specifications	Mercury-free
Energy star certified	Yes
Ecolabels	CECP; Blue Angel; EPEAT® Silver India; EPEAT® Silver Australia; EPEAT® Silver Canada; EPEAT® Silver US; ENERGY STAR® certified
Blue Angel compliant	Yes, Blue Angel DE-UZ 219—only ensured when using Original HP supplies
Display area (imperial)	2.13 x 1.6 in
Display area (metric)	54 x 40.5 mm
Display	2.658" diagonal Color TFT-LCD back-lit (960 (H) x 240 (V)
Minimum dimensions (W x D x H)	413.6 x 472 x 304.4 mm
Minimum dimensions (W x D x H)	16.3 x 18.6 x 12 in
Weight	~18.9 kg *(With Print Cartridges)*

Weight	~41.7 lb *(With Print Cartridges)*
Power consumption	574 watts (active printing), 16.7 watts (ready), 1.1 watts (sleep), 0.08 watts (auto-off/manual-on), 0.08 watts (manual off) *(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 supply type	Internal (built-in) Power Supply
What's in the box	HP Color LaserJet Enterprise M455dn printer; HP Black Original LaserJet Toner Cartridge (~2,400 pages); HP Cyan, Magenta, Yellow Original LaserJet Toner Cartridges (~2,100 pages each); Getting started Guide; 1 Power cord[2]
Manufacturer Warranty	One-year, On-site Repair 24-hour / 7 day a week phone support

Top Recommended Displays, Accessories and Services

External Print Servers

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

Internal Print Servers

HP Jetdirect LAN Accessory	8FP31A

Printing SW Solution Licenses

HP HID Mobile Access Mifare DES Fire Keystroking Reader	35H11A
HP HIP2 Card Reader Accessory Kit	8ZN00A

Imaging and Printing Hardware Support Onsite Svc

HP 3 year Next Business Day w/DMR Service for Color LaserJet EnterpriseM455	U11W0E
HP 3 year 4 hour 9x5 w/DMR Service for Color LaserJet Enterprise M455	U11W3E

Imaging and Printing Commercial Care Pack Services

HP Installation Service with network configuration for Workgroup Printer(1 unit)	U9JT2E

Messaging Footnotes

[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 2019 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 hp.com/go/PrintersThatProtect. For more information, visit 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.

[8] HP Secure Print is optional and requires a license.

Technical Specifications Footnotes

[2] For yield information on the cartridge(s) included with your printer, see http://www.hp.com/go/toneryield. Yield values measured in accordance with ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors.

[5] Declared yields based on ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/toneryield.

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