# HP LaserJet Managed MFP E62665 series



This HP LaserJet MFP with JetIntelligence combines performance, energy efficiency, and security.

This HP LaserJet MFP 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.

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/learnaboutsupplies



HP LaserJet Managed Flow MFP E62665h



HP LaserJet Managed Flow MFP E62665z



HP LaserJet Managed MFP E62665hs

### 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.
- Run-time intrusion detection continually monitors to detect and stop attacks, then automatically reboots.
- 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 180 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 MFP 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.

### Give workgroups the speed they need

- Help workgroups capture every page easily and detect potential errors or missed pages—every time.
- Enter data more quickly and accurately using the pull-out keyboard.
- Help ensure every scanned document is properly oriented, cropped to size, and grayscale-optimized.
- Load up to 150 pages into the automatic document feeder for fast, unattended scanning.



Datasheet HP LaserJet Managed MFP E62665 series

# Product walkaround

- 1. Hardware Integration Pocket<sup>1</sup>
- 2. Easy-access USB port2
- 3. 1,000-sheet 3-bin stapler/stacker with job offset
- 4. Cartridge door release button (access to toner cartridge)
- 5. HP High-Performance Secure Hard Disk
- 6. Automatic two-sided printing
- 7. 550-sheet input tray 2 supports media sizes up to 8,5 x 11,7 in (216 x 297 mm)
- 8. 150-sheet ADF with single-pass, two-sided scanning and HP EveryPage  $^{\rm 3}$
- 9. 8.0-inch (20.3 cm) intuitive icon-based color touchscreen
- 10. Pull-out keyboard<sup>3</sup>
- 11. Right door (access to print path)
- 12. 100-sheet multipurpose tray 1 supports media sizes up to  $8.5 \times 14$  inches (216  $\times$  356 mm)
- 13. Rear door (for jam access)
- 14. Host USB port
- 15. Hi-speed USB 2.0 printing port
- 16. Slot for cable-type security lock
- 17. Gigabit Ethernet port

Series at a glance

18. Fax port

# HP LaserJet Managed Flow MFP E62665z



Close-up of I/O ports







	i		i i
Product number	HP LaserJet Managed Flow MFP	HP LaserJet Managed Flow MFP	HP LaserJet Managed MFP
	E62665h	E62665z	E62665hs
Functions	Print, copy, scan, fax (optional) (all models)	Print, copy, scan, fax (optional) (all models)	Print, copy, scan, fax (optional) (all models)
Print speeds (letter/A4) <sup>4</sup>	Up to 65/61 pages per minute (ppm) (all models)	Up to 65/61 pages per minute (ppm) (all models)	Up to 65/61 pages per minute (ppm) (all models)
Scan speeds (letter and A4)⁵	Simplex: Up to 90 ppm/83 ppm Duplex: Up to 180 ipm/167 ipm	Simplex: Up to 90 ppm/83 ppm Duplex: Up to 180 ipm/167 ipm	Simplex: Up to 75 ppm/69 ppm Duplex: Up to 120 ipm/111 ipm
First page out (from ready) <sup>6</sup>	As fast as 5.1 seconds (letter and A4) (all models)	As fast as 5.1 seconds (letter and A4) (all models)	As fast as 5.1 seconds (letter and A4) (all models)
100-sheet multipurpose tray 1, 550-sheet tray 2	<b>y</b> √	$\checkmark$	$\checkmark$
Paper-handling accessories <sup>7</sup>	See Paper-handling accessories table below for details	See Paper-handling accessories table below for details	See Paper-handling accessories table below for details
Input capacity (standard/maximum <sup>s</sup> )	Up to 650/3,750 sheets (all models)	Up to 650/3,750 sheets (all models)	Up to 650/3,750 sheets (all models)
Advanced workflow features, including pull-out keyboard <sup>3</sup>	√	√	Not available
Managed Cartridge yield <sup>9</sup>	Black: ~50,000 pages (all models)	Black: ~50,000 pages (all models)	Black: ~50,000 pages (all models)
Recommended Monthly Page Volume®	5,000 to 40,000 pages (all models)	5,000 to 40,000 pages (all models)	5,000 to 40,000 pages (all models)
Recommended Monthly Scan Volume <sup>11</sup>	27,000 to 45,000 pages	27,000 to 45,000 pages	14,000 to 24,000 pages
Wireless direct /NFC touch-to-print <sup>13</sup> /BLE <sup>14</sup>	Optional	Optional	Optional
Wireless networking <sup>15</sup>	Optional	Optional	Optional

Solutions deployed through the Hardware Integration Pocket (HIP) may require additional purchase. 2An administrator must enable the easy-access USB port before use. 3 The pull-out keyboard and HP EveryPage are only available on the HP Laserlet Managed Flow MFP E62665 and Flow MFP E62665 and How MF



1495 Canyon Blvd. #146 • Boulder CO 80302 • (877) 770-1855 Datasheet | HP LaserJet Managed MFP E62665 series

# **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













# Top features

Only HP Enterprise MFPs 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.

With speeds of 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.

Accelerate workflow, improve accuracy, and easily connect people throughout your organization. Complete high-volume scan jobs super-fast—up to 180 ipm<sup>7</sup>—and avoid extra steps with a Flow MFP designed for maximum productivity.

### Accessories

2NR12A HP Removable Hard Drive Enclosure
ESK48A HP 1 GB x32 144-pin (800 MHz)DDR3 SODIMM
ESK49A HP 2 GB x32 144-pin (800 MHz)DDR3 SODIMM
ESK49A HP Ligh-Performance Secure Hard Disk
3JN69A HP High-Performance Secure Hard Disk
3JN69A HP Jetdirect 3100w BLE/NFC/Wireless Accessory
J8030A HP Jetdirect 3000w NFC/Wireless Accessory
J8031A HP Jetdirect 2900nw Print Server
2EH31A HP MFP Analog Fax Accessory 700
J8J95A HP 300 ADF Roller Replacement Kit
B5L28A HP Internal USB Ports
2MU47A HP Accessibility Assistant
2T064A HP Accessibility Kit
B5L31A HP Foreign Interface Harness
4QL32A HP Legic Secure USB Reader
X3D03A HP Universal USB Proximity Card Reader

### Supplies

J8J88A HP LaserJet 220V Maintenance Kit P1B92A HP LaserJet 220V Fuser Kit P1B93A HP LaserJet Image Transfer Belt Kit P1B94A HP LaserJet Toner Collection Unit HP Black Managed LaserJet Toner (50,000 yield) W9004MC.

J8J87A HP LaserJet 110V Maintenance Kit

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

### Services

U9NN1E - HP 3 years 4 hours 9x5 w/DMR LaserJet Enterprise MFP E625xx MNGD SVC
U9NN3E - HP 4 years 4 hours 9x5 w/DMR LaserJet Enterprise MFP E625xx MNGD SVC
U9NN3E - HP 5 years 4 hours 9x5 w/DMR LaserJet Enterprise MFP E625xx MNGD SVC
U9NN4E - HP 3 years ChnlPartsOnly LaserJet Enterprise MFP E625xx MNGD SVC
U9NN5E - HP 4 years ChnlParts LaserJet Enterprise MFP E625xx MNGD SVC
U9NN5E - HP 5 years ChnlParts Only LaserJet Enterprise MFP E625xx MNGD SVC
U9NN7PE - HP 1 year PW Next Business Day w/DMR LaserJet Enterprise MFP E625xx MNGD SVC
U9NN8PE - HP 2 years PW 4 hours 9x5 w/DMR LaserJet Enterprise MFP E625xx MNGDSVC
U9NN9PE - HP 1 year PW 4 hours 9x5 w/DMR LaserJet Enterprise MFP E625xx MNGDSVC
U9NPOPE - HP 2 years PW 4 hours 9x5 w/DMR LaserJet Enterprise MFP E625xx MNGDSVC
U9NP1PE - HP 1 year PW ChnlPartsOnly LaserJet Enterprise MFP E625xx MNGDSVC
U9NP2PE - HP 2 years PW ChnlPartsOnly LaserJet Enterprise MFP E625xx MNGDSVC

 $U9NM8E-HP\ 3\ years\ Next\ Business\ Day\ w/DMR\ LaserJet\ Enterprise\ MFP\ E625xx\ MNGD\ SVC$   $U9NM9E-HP\ 4\ years\ Next\ Business\ Day\ w/DMR\ LaserJet\ Enterprise\ MFP\ E625xx\ MNGD\ SVC$   $U9NN0E-HP\ 5\ years\ Next\ Business\ Day\ w/DMR\ LaserJet\ Enterprise\ MFP\ E625xx\ MNGD\ SVC$ 

1 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-walidate software integrity in a reboot. For a list of printers, wist http://www.hp.com/go/PrintersThatProtect. For more information. http://www.hp.com/go/printersecurityclaims 2 HP Web Jetadmin is available for download at no additional charge at http://www.hp.com/go/webjetadmin 3 Measured using ISO/IEC 24734, excludes first set of test documents. For more information, see http://www.hp.com/go/printerslaims. Exact speed varies depending on the system configuration, software application, drived and document complexity. 4 Measured after 15 min in sleep. Exact speed varies depending on the system configuration, software application, drived and time in sleep. 5 Based on the reduced energy use of HP LaserJet printers and cartridges with Jetintelligence introduced since 2015 compared to previous toner versions without Jetintelligence, using EnergyStar methodology. <sup>6</sup> HP Black Managed LaserJet Toner Cartridges not included; please purchase separately. <sup>7</sup> Scan speed measured from ADF at default 300 dpi (black-and-white, grayscale, and color). Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and applications software

U9JT2E - HP Inst SVC w/nw Workgroup Printer



Datasheet | HP LaserJet Managed MFP E62665 series

# HP LaserJet Managed MFP E62665 series

Technical Specifications	HP LaserJet Managed Flow MFP E62665h(3GY16A)	HP LaserJet Managed Flow MFP E62665z(3GY17A)	HP LaserJet Managed MFP E62665hs(3GY15A)			
AIO functions		Print, Copy, Scan and Optional Fax				
Print speed	<b>A4:</b> Up to 61 ppm bl	ack; <b>Letter:</b> Up to 65 ppm black; <sup>11</sup> ; <b>A5:</b> Up to 100 ppm <sup>14</sup> ; <b>First Page Out Black</b>	: As fast as 5.3 sec; 12			
Duplex Print speed		A4: Up to 50 ipm black; Letter: Up to 53 ipm black				
Print resolution	Black (best): Up to 1200 x 1200 dpi; Black (normal): FastRes1200; Black (fine lines): Up to 1200 x 1200 dpi					
Print Technology	Laser; Print Resolution Technologies: FastRes 1200; 1200 x 1200 dpi					
Print Cartridges Number	UD DEL C UD	1 (black)	Lungs suppose (upper site and the state of t			
Standard Print Languages		native PDF printing (v 1.7), Apple Air Print™	HP PCL 6, HP PCL 5 (HP PCL 5 driver available from the Web only), 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 Printer Assistant; HP Device Toolbox; HP Web JetAdmin Software; HP JetAdvantage Security Manager; HP SNMP Proxy Agent; HP Web Pro Proxy Agent; Printer Administrator Resource Kit for HP Universal Print Driver (Driver Configuration Utility - Driver Deployment Utility - Managed Printing Administrator)					
Scan Type / Technology	Type: Flatbed, ADF; Technology: Charge Coupled Device (CCD); Contact Image Sensor (CIS)					
Scan Resolution	<b>Hardware:</b> Up to 600 x 600 dpi; <b>Optical:</b> Up to 600 dpi					
Scan File Format	Digital Send: PDF, H1-Compression PDF, JPEG, TIFF, MTFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (OCR), Sear/hable PDF (OCR), Sear/habl					
Scan Input Modes	Front panel applications: Copy; E-mail; Save to Network Folder;	Save to USB; Save to Device Memory; Save to SharePoint; Open Extensibility P	latform (OXP) applications, HP Scan or user application via TWAIN			
Scan Size	<b>ADF:</b> 216 ×	$864$ mm; $8.5 \times 34.0$ in Maximum; $68 \times 148$ mm; $2.7 \times 5.8$ in Minimum; <b>Flatbe</b>	<b>d:</b> 8.5 x 14 in			
Scan Speed		lor) <sup>13</sup> ; <b>Duplex:</b> Up to 180 ipm (b&w), up to 180 ipm (color)	Up to 75 ppm/120 ipm (b&w), up to 75 ppm/120 ipm (color) <sup>13</sup> ; <b>Duplex:</b> Up to 120 ipm (b&w), up to 120 ipm (color)			
Scanner Advanced Features	notification; Blank page suppression; HP Quick Sets; HP EveryPage; Auto or Auto	Selectable scan resolution 75 to 600 dpi; Auto detect color; Edge Erase; Job entation; Embedded Optical Character Recognition (OCR), Auto crop to page; -tone	Optimize text/picture; Image adjustments; Job build; Output quality setting; Selectable scan resolution 75 to 600 dpi; Auto detect color; Edge Erase; Job notification; Blank page suppression; HP Quick Sets PDF; JPG; TIFF; MTIFF			
Bit depth / Grayscale levels						
Digital Sending Standard	Scan to F-mail: Save-to-Network Folder: Save-to-LISB drive: Send to Sharer	24-bit/256  Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to Sharepoint; Send to FTP; Send to Internet Fax; Local Address Book; SMTP over SSL;  Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to Sharepoint; Send				
Features	Blank Page Removal; Edge Erase; Auto Color Sense; Auto Crop To Content; Compact PDF; Auto Tonescale; Auto Orientation; Multi-Pick Detect; Auto SharePoint; Send to FTP, Send to Internet Straighten; Auto Crop To Page; OCR		SharePoint; Send to FTP; Send to Internet Fax; Local Address Book; SMTP ov SSL; Blank Page Removal; Edge Erase; Auto Color Sense; Auto Crop To Content; Compact PDF			
Copy Speed	Black (letter): Up to 65 cpm; Black Duplex (letter): Up to 53 cpm; <sup>15</sup>					
Copy Resolution	Black (text and Graphics): Up to 600 x 600 dpi; Color (text and Graphics): Up to 600 x 600 dpi					
Maximum Number of Copies	Up to 9999 copies					
Copier Resize	25 to 400%					
Copier Settings	Two-sided copying, scalability, image adjustments (darkness, contrast, background cleanup, sharpness), N-up, N or Z-ordering, content orientation, collation, booklet, job build, edge-to-edge, job storage, ID Copy, Book Copy, A-to-B Copy (different media sizes)					
Fax Features	Fax Phone TAM Interface Supported: No: Fax Telephone Mode Supported: No					
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-Tx, 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 Print Server J8031A					
Mobile Printing Capability		Irint™; Google Cloud Print™; HP ePrint; Mopria™ Certified; Roam capable for ea				
Memory		4.5 GB MAX memory, when Accessory DIMM is installed	Standard: 1.5 GB (printer); 512 MB (scanner); Maximum: 4 GB MAX memory, when Accessory DIMM is installed			
Processor Speed	1.2 GHz / <b>Hard disk:</b> Standard, minimum 500 GB HP High-Performance Secure Hard Disk (AES 256 hardware encryption or greater)					
Duty Cycle	Month! Input Capacities: 100-sheet multipurpose feeder, 550-sheet input feeder,	y, letter: Up to 450,000 pages <sup>7</sup> ; <b>Recommended Monthly Page Volume:</b> 5000 to	o 40,000   50-sheet automatic document feeder; Up to 650 sheets standard; Up to 160			
Paper Handling	150-sheet automatic document feeder: Up to 650 sheets standard: Up to 16c ervelopes labels legal: Output Capacities: 500-sheet output feeder, two-sidec printing; Up to 500 sheets standard labels legal: Duplex Options: Automatic (standard): Auto Document Feeder Paper Trays: 2: Wedla Types Supported: Paper [pdia], Ilight, bond, recycled, heavy, extra heavy, cardstock, pre-printed, pre-punched, colored, rough, heavy rough), mono transparency, labels, letterhead, envelope, heavy envelope: Media Welght Supported: Paper [150], 150 shown of [pdia]), automatic Duplexer: 16 to 32 lb Media Sizes Supported: Tray 1: letter, legal, executive, statement, 4 s in, 4 x 6 in, 5 x 7 in, 5 x 8 in, 6.5 x 13 in, envelopes (No. 9, No. 10, Monarch); Tray 2: letter, executive, statement, 4 x 6 in, 5 x 7 in, 5 x 8 in; Optional 550-sheet tray: letter, legal, executive, statement, 4 x 6 in, 5 x 7 in, 5 x 8 in, 6.5 x 13 in; Optional 550-sheet tray: letter, legal; Optional 75-envelope feeder: No. 9, No. 10, Monarch; Automatic Duplexer: letter, legal; Optional 75-envelope feeder: No. 9, No. 10, Monarch; Automatic Duplexer: letter, legal; Optional 75-envelope feeder: No. 9, No. 10, Monarch; Automatic Duplexer: letter, legal; Optional 75-envelope feeder: No. 9, No. 10, Monarch; Tray 1: 3 x 5 to 8.5 x 1 1 in; Optional 2000-sheet tray: 3 x 5 x 5 to 8.5 x 1 1 in; Optional 2000-sheet tray: Control 10 x 10	envelopes labels legal; Output Capacities; 500-sheet output feeder; 500 she legal; Duplex Options: Automatic (standard); Auto Document Feeder Capac Media Types Supported: Paper (plain, light, bond, recycled, heav), extra hie transparency, labels, letterhead, envelope, heavy envelope; Media Weight Stu 03 2lb bond (plain); Automatic Duplexer: 16 o 32 lb Media Stess Supported x 13 in, envelopes (No. 9, No. 10, Monarch); Tray 2: letter, executive, statem statement, 4 x 6 in, 5 x 7 in, 5 x 8 in, 8 5 x 13 in, Optional 2000-sheet tray; Duplexer: letter, legal, executive, 8.5x13; Media Sizes Custom: Tray 1: 3 x 5 to to 8.5 x 14 in; Optional 2000-sheet tray; custom sizes not su	et output stapler stacker, two-sided printing; Up to 1000 sheets standard label fügs Standard, 150 sheets; <b>Envelope Feeder</b> . Yes, 75; <b>Standard Paper Trays</b> : 2; avy, cardstock, pre-printed, pre-punched, colored, rough, heavy rough, mono <b>poorted</b> ; Feeder 1: 16 to 53 lb bond (plain), 16 to 24 lb (envelopes); feeder 2: 1 ETray 1: letter, legal, executive, statement, 3 × 5; in 4 x 6 in, 5 × 7 in, 5 x 8 in, 8 nent, 4 x 6 in, 5 x 7 in, 5 x 8 in, 9 totoland 1550-sheet tray; letter, legal, executive, letter, legal; optional 75-envelope feeder: No. 9, No. 10, Monarch; Automatic 3 8.5 x 14 in; Tray 2 3.9 x 5.8 to 8.5 x 11.7 in; Optional 550-sheet tray: 3.9 x 5. pipported; Optional 75-envelope feeder: 3.55 x 5.83 to 7 x 10 in			



Datasheet | HP LaserJet Managed MFP E62665 series

# HP LaserJet Managed MFP E62665 series

Technical Specifications	HP LaserJet Managed Flow MFP E62665h(3GY16A)	HP LaserJet Managed Flow MFP E62665z(3GY17A)	HP LaserJet Managed MFP E62665hs(3GY15A)		
Product Dimensions	WxDxH:20.15 x 22 x 25.2 in; 512 x 558 x 640 mmMadmum; 40.5 x 31.7 x 34.1 in (right side jam access door open, left side cartridge door open, all feeders open and extended, ADF open); 1030 x 808 x 865 mm (right side jam access door open, left side cartridge door open, all feeders open and extended, ADF open)	feeders open and extended, ADF open); 1030 x 808 x 1025 mm (right side jam access door open, left side cartridge door open, all feeders open and			
Product Weight	74.35 lb <sup>3</sup> ; 33.73 kg <sup>3</sup>	91.75 lb <sup>3</sup> ; 41.62 kg <sup>3</sup>	90.95 lb <sup>3</sup> ; 41.26 kg <sup>3</sup>		
What's in the box	HP LaserJet Managed Flow E62665h MFP; HP Original LaserJet Toner Cartridge (~11,000 pages); Documentation (Hardware Install Guide); Power cord; Fixed-Size Cassette Guides <sup>2</sup>	HP LaserJet Managed Flow E62665z MFP; HP Original LaserJet Toner Cartridge (~11,000 pages); Documentation (Hardware Install Guide); Power cord; Fixed-Size Cassette Guides <sup>2</sup>	HP LaserJet Managed E62665hs MFP; HP Original LaserJet Toner Cartridge (~11,000 pages); Documentation (Hardware Install Guide); Power cord; Fixed-Size Cassette Guides <sup>2</sup>		
Replacement Cartridges	HP Black Managed LaserJet Toner (50,000 yield) W9004MC. This pri	inter uses newer generation HP cartridges identifiable by a "P" at the end of the	cartridge lot number. More at www.hp.com/go/learnaboutsupplies <sup>5</sup>		
Warranty Features	One-year, next-business day, onsite warranty. Warranty and support options vary by product, country and local legal requirements. Go to hp.com/support to learn about HP award winning service and support options in your region. (wty				
Energy Star Certified	Yes				
Energy Efficiency Compliance	ENERGY STAR® qualified; EPEAT® Silver; CECP				
Control Panel	8.0-in (20.3 cm) Color Graphics Display (CGD) with touchscreen; rotating fadjustable angled display; illuminated Home button (for quick return to the Home menu); Extended Keyboard  Month (20.3 cm) Color Graphics Display (CGD) with touchscreen; rotating fadjustable angled display; illuminated Home button (for quick return to the Home menu); Extended Keyboard  Home menu)				
Display Description	8.0-in (20.3 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display, illuminated Home button (for quick return to the Home menu)				
Software Included	No software solutions are included in the Box, only on http://hp.com, http://123.hp.com				
Fonts and Typefaces	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 Laser Jet Fonts and IPDS Emulation available at http://www.hp.com/go/laserjetfonts				
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 Mojave v10.14, Discrete PCL6 Printer Driver, For more information on the supported operating systems go to http://support.hp.com, Enter your product name and search, Click on 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 www.hp.com/go/upd				
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, Cltrix Server 2012 R2 64-bit, Windows Server 2016 64-bit, Failover Cluster 2008 R2, Remote Desktop Server 2012 R2, Cltrix Server 6.5, Cltrix Server				
Minimum System Requirements	PC: 2 GB available hard disk space, Internet connection, USB port, Internet browser. For additional OS hardware requirements see microsoft.com; MAC: 2 GB available hard drive space, Internet connection or USB port, OS hardware requirements see apple.com				
Power	Power Supply Type: Built-in 115V or 220V Power Supply, Power Requirements: Input voltage: 100 V to 127 V nominal (+/-10%), 50 - 60 Hz nominal (+/-3 Hz), 12 A: Input voltage: 220 V to 240 V nominal (+/-10%), 50 - 60 Hz nominal (+/-), 6 A: Power Consumption: 740 watts (printing/copying), 29.0 watts (ready), 3.3 watts (sleep), < 0.1 watts (Auto Off/Manual On), < 0.1 watts (Manual Off) <sup>4</sup> , Typical electricity consumption (TEC) number: 2.626 kWh/Week (Blue Angel): 0.796 kWh/Week (Brergy Star 3.0) <sup>10</sup>				
Acoustics	Acoustic Power Emissions: 7.2 B(A); Acoustic Pressure Emissions: 57 dB(A) <sup>9</sup>				
Operating Environment	Operating Temperature Range: 10 to 32.5°C; Recommended Operating Temperature: 15 to 27°C; Storage Temperature Range: -20 to 40°C; Operating Humidity Range: 10 to 80% RH; Recommended Humidity Operating Range: 30 to 70% RH				
Security Management	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; an Kerberos authentication; Supports WIA-10 IPsec configuration Plug-in; 802.1X authentication (EAP-PEAP, EAP-TLS); SMMPv3; 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 PDF & Email (uses FIPS 140 validated cryptographic libraries from Microsoft); Secure Erase; SSL/TLS (HTTPS); Encrypted PDF & Email (uses FIPS 140 validated cryptographic libraries from Microsoft); Secure Erase; SSL/TLS (HTTPS); Encrypted PDF & Email (uses FIPS 140 validated cryptographic libraries from Microsoft); Secure Erase; SSL/TLS (HTTPS); Encrypted PDF & Email (uses FIPS 140 validated cryptographic libraries from Microsoft); Secure Erase; SSL/TLS (HTTPS); Encrypted PDF & Email (uses FIPS 140 validated cryptographic libraries from Microsoft); Secure Erase; SSL/TLS (HTTPS); Encrypted PDF & Email (uses FIPS 140 validated cryptographic libraries from Microsoft); Secure Erase; SSL/TLS (HTTPS); Encrypted PDF & Email (uses FIPS 140 validated cryptographic libraries in the Encryptographic libraries from Microsoft); Secure Erase; SSL/TLS (HTTPS); SECURE Examples (uses FIPS 140 validated cryptographic libraries from Microsoft); Secure Erase; SSL/TLS (HTTPS); SMPV2; SM				

\*EPEAT\*\* egistered where applicable. EPEAT registration varies by country. See http://www.peat.net for registration status by country. See 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 measurement of 115 V device. See Average black declared yields based on ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on measurement of 115 V device. See Average black declared yields based on ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on measurement of 115 V device. See http://www.hp.com/go/learnaboutsupplies\_Sin To enable IPR Poam, some devices may require firmware to be upgraded and an optional accessory to add Bluetooth\* Low Energy (BEE) beaconing capabilities. Customer can purchase the IPP Jediner 3100w BEE/NFC (Wireless accessory or the Raddewont ISS. 37 Devices feelined as the maximum number of operating output. This value provides a comparison of product robustness in relation to the IPP Learner land York (See Interest) and the IPP Recomments of the maximum number of soanned pages per morth be within the stated range for optimum device for



