IKON-MIPRINT

State of Michigan **B&W Laser Network Printer Compare** December-09

Features	**ITRAC #PR08 - HP P2055DN PRINTER with HP P2055DN PRINTER 3 YEAR NBD EXCHANGE (UK929E)**	**ITRAC #PR02 - HP P3015DN PRINTER with HP P3015DN PRINTER 3 YEAR NBD WARRANTY (UP872E)**	**ITRAC #PR13 - HP P4015X PRINTER with 3 YEAR NBD WARRANTY (H5479E)**	**ITRAC #PR12 - HP 9050DN PRINTER with HP 9050DN PRINTER 3 YEAR NBD WARRANTY (H7694E)**
Purchase Price	$ 408.00	$ 996.00	$ 1,713.50	$ 4,183.69
Lease Price (12 Months - no toner)*	$ 37.13	$ 90.64	$ 155.93	$ 380.72
Lease Price (24 Months - no toner)*	$ 20.16	$ 49.20	$ 84.65	$ 206.67
Lease Price (36 Months - no toner)*	$ 14.28	$ 34.86	$ 59.97	$ 146.43
Accessory Purchase Price	250 Sheet Paper Tray (input) Part #CE464A	500 Sheet Paper Tray (input) Part #CE530A	500 Sheet Paper Tray (input) Part #	2,000 Sheet Paper Tray (input) Part #C8531A
Accessory Purchase Price	$ 118.00	$ 152.41	$ 234.00	$ 841.85
Acessory - Amt to add to Monthly Lease Pyt	[12 mos = $10.74] [24 mos = $5.83] [36 mos = $4.13]	[12 mos = $13.87] [24 mos = 7.53$] [36 mos = $5.33]	[12 mos = 21.29$] [24 mos = $11.56] [36 mos = $8.19]	[12 mos = $76.61] [24 mos = $41.59] [36 mos = $29.46]
Accessories			75 Sheet Envelope Feeder - part #CB518A	2,000 Sheet 8-bin Mailbox - Part #Q5693A
Accessory Purchase Price			$ 234.00	$ 1,322.00
Acessory - Amt to add to Monthly Lease Pyt			[12 mos = 21.29$] [24 mos = $11.56] [36 mos = $8.19]	[12 mos = $120.30] [24 mos = $65.31] [36 mos = $46.27]
Accessories			500 Sheet Stapler/Stacker - Part #CB522A	3,000 Sheet Stapler/Stacker - Part #C8085A
Accessory Purchase Price			$ 234.00	$ 1,777.00
Acessory - Amt to add to Monthly Lease Pyt			[12 mos = 21.29$] [24 mos = $11.56] [36 mos = $8.19]	[12 mos = $161.71] [24 mos = $87.78] [36 mos = $62.20]
Accessories				3,000 Sheet Output Stacker - Part #C8084A
Accessory Purchase Price				$ 1,594.00
Acessory - Amt to add to Monthly Lease Pyt				[12 mos = $145.05] [24 mos = $78.74] [36 mos = $55.79]
Recommended monthly print volume	750 to 3000 pages	1500 to 5000 pages	3,000 to 15,000 pages	15000 to 50000 pages
*Footnote for recommended monthly print 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 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 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 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.
Print speed, black (normal quality mode)	Up to 35 ppm	Up to 42 ppm	Up to 52 ppm	Up to 50 ppm

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Print Speed Footnote	Speed specifications have been updated to reflect current industry testing methods.	Exact speed varies depending on the system configuration, software application, and document complexity.	Exact speed varies depending on the system configuration, software program, and document complexity.	
First page out (black)	As fast as 8.0 sec	As fast as 7.5 sec	As fast as 8.5 sec	As fast as 8 sec
Print resolution, black	Up to 1200 x 1200 dpi	Up to 1200 x 1200 dpi	Up to 1200 x 1200 dpi	600 x 600 dpi [with HP FastRes 1200 and Resolution Enhancement technology (REt)]
Print technology	Laser	Laser	Laser	Laser
Monthly duty cycle	Up to 50,000 pages	Up to 100,000 pages	Up to 225,000 pages	Up to 300000 pages
*Footnote for duty cycle	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.	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.	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.	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.
Memory, standard	128 MB	128 MB	128 MB	128 MB
Memory, maximum	384 MB	640 MB	640 MB	512 MB
Processor speed	600 MHz	540 MHz	540 MHz	533 MHz
Print languages, standard	HP PCL 5c; HP PCL 6; HP postscript level 3 emulation with automatic language switching	HP PCL 5e; HP PCL 6; HP postscript level 3 emulation; direct PDF (v 1.4) printing	HP PCL 6, HP PCL 5e, HP postscript level 3 emulation, direct PDF (v 1.4) printing (with at least 128 MB printer memory)	HP PCL 6, HP PCL 5e, HP Postscript Level 3 emulation, direct PDF printing (v 1.3), XHTML-Print v 0.95, HP PJL (Printer Job Language), PML (Printer Management Language)
Hard disk	None	Optional, HP High-Performance Secure EIO Hard Disk (EIO Hard Drive)	Optional, HP High-performance EIO Hard Disk	Optional, HP High-performance EIO Hard Disk
Paper Handling	**Paper Handling**	**Paper Handling**	**Paper Handling**	**Paper Handling**
Paper tray(s), standard	**1**	**1**	**2**	**2**
Paper tray(s), maximum	3 (including bypass tray)	4 (including bypass tray)	3 (including bypass tray)	4 (including bypass tray)
Paper handling standard,input	250-sheet input tray; 50-sheet multi-purpose tray	100-sheet multipurpose tray 1; one 500-sheet input tray 2; automatic duplex printing	100-sheet multipurpose tray, two 500-sheet input trays	Two 500-sheet input trays, 100-sheet multipurpose tray, automatic duplex unit
Paper handling optional,input	Optional third 500-sheet paper tray	Optional 500-sheet paper tray (add up to 2)	Optional 500-sheet input tray, optional 1500-sheet input tray (up to 3 additional trays for up to 3600-sheet input capacity), optional 75-sheet envelope feeder, optional custom media cassette (Tray 2)	2000-sheet input tray
Paper handling standard,output	150-sheet output bin	250-sheet output bin; 100-sheet rear output bin	100-sheet rear output bin, 500-sheet top output bin	600-sheet output bin (500 sheets face down, 100 sheets face up)

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			Optional 500-sheet stacker, optional 500-sheet stapler-stacker, optional 500-sheet 5-bin mailbox	Optional 3000-sheet stacker (requires 2000-sheet input tray) or optional 3000-sheet stapler/stacker (requires 2000-sheet input tray) or optional multifunction finisher (requires 2000-sheet input tray); optional 8-bin mailbox (requires 2000-sheet input tray)
Duplex printing (printing on both sides of paper)	Automatic (standard)	Automatic (standard)	Automatic (standard)	Automatic (standard or optional varies by product)
Media sizes, standard	Tray 1: Letter, legal, statement, executive, index cards, envelopes (No. 10 (Com), No. 7-3/4 (Monarch)); Tray 2: Letter, legal, executive; optional Tray 3: Letter, Legal, Executive	Letter; legal; executive; 8.5 x 13 in; envelopes	Letter, legal, executive, statement, 8.5 x 13 in, custom 3.0 x 5.0 to 8.5 x 14 in, envelope (Com10, Monarch #7-3/4)	Letter, legal, tabloid, executive, JPostD, envelopes (No. 10, C5, DL, Monarch, B5)
Media sizes, custom	Tray 1: 3 x 5 to 8.5 x 14 in; Tray 2: 4.1 x 5.8 to 8.5 x 14 in; optional Tray 3: 4.1 x 5.8 to 8.5 x 14 in	Multipurpose tray: 3 x 5 to 8.5 x 14 in; tray 2 and optional 500-sheet feeder/tray (3 and 4): 4.1 x 5.8 to 8.5 x 14 in	Multipurpose Tray: 3 x 5 to 8.5 x 14 in; Tray 2 and Optional 500 Feeder: 5.8 x 8.3 to 8.5 x 14 in	Multipurpose Tray 1: 3.9 x 7.5 to 12.3 x 18.5 in; automatic two-sided printing unit, trays 2, 3, 8-bin mailbox: 5.8 x 8.3 to 11.7 x 17 in ; optional tray 4: 7.2 x 8.3 to 11.7 x 17 in
Media types	Paper (bond, light, heavy, plain, recycled, rough), envelopes, labels, cardstock, transparencies, heavy media	Paper (bond, color, letterhead, plain, preprinted, prepunched, recycled, rough); envelopes; labels; cardstock; transparencies; user-defined	Paper (bond, color, letterhead, plain, preprinted, prepunched, recycled, rough, light), envelopes, labels, cardstock, transparencies, user-defined	Paper (bond, color, letterhead, plain, preprinted, prepunched, recycled, rough), labels, cardstock, transparencies
Document finishing	Automatic duplexing, manual feed, sheetfed, straight-through paper path	Sheetfed	Sheetfed	Sheetfed
Connectivity	**Connectivity**	**Connectivity**	**Connectivity**	**Connectivity**
Connectivity, standard	**Fast Ethernet 10/100/1000, Hi-Speed USB 2.0**	**1 HP Jetdirect 10/100/1000 Base-TX Ethernet embedded print server; 1 Hi-Speed USB 2.0; 1 external Host USB; 2 internal Accessory ports for HP and partner solutions; 1 EIO slot**	**Embedded Jetdirect (Gigabit Ethernet) print server, 1 Hi-Speed USB 2.0, 1 EIO slot, 1 external and 2 internal Host USB 2.0-like ports for 3rd party connection**	**Bidirectional IEEE 1284-B compliant parallel port, 2 open EIO slots, HP Jetdirect Fast Ethernet Embedded Print Server**
Connectivity, optional	HP Jetdirect en3700 Fast Ethernet Print Server, HP Jetdirect ew2400 802.11g Wireless Print Server	HP Jetdirect EIO internal print servers; HP Jetdirect external print servers; HP 802.11b/g wireless print servers; HP EIO Parallel Port Adaptor	HP Jetdirect EIO internal print servers; HP Jetdirect external print servers; HP wireless print servers; HP Jetdirect EIO conectivity card (for USB, serial, LocalTalk)	HP Jetdirect EIO internal print servers, HP Jetdirect external print servers, wireless connectivity
Dimensions and weight	**Dimensions and weight**	**Dimensions and weight**	**Dimensions and weight**	**Dimensions and weight**

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Media weight	Tray 1: 16 to 43 lb (straight through paper path for special media); Tray 2: 16 to 32 lb; optional Tray 3: 16 to 32 lb	Tray 1: 16 to 53 lb (straight-through paper path for special media and heavier stock); tray 2, 3: 16 to 32 lb	Multipurpose Tray 1: 16 to 53 lb, Standard Cassette (Tray 2): 16 to 32 lb, Optional Custom Media Cassette (Tray 2): 16 to 32 lb, Optional Envelope Feeder: 20 to 28 lb, Optional 500-sheet Feeders: 16 to 32 lb, Optional 1500-sheet High Capacity Input Tray: 16 to 32 lb, Optional Duplexer: 16 to 32 lb	Multipurpose Tray 1: 17 to 58 lb; automatic two-sided printing unit, Trays 2, 3, optional Tray 4: 17 to 53 lb
Product dimensions (W x D x H)	14.4 x 14.5 x 10.6 in	17.6 x 16.2 x 12.4 in	16.5 x 20 x 21.5 in	55 x 24.9 x 23.6 in
Dimensions, max. (W x D x H)	14.4 x 26.7 x 10.6 in	17.6 x 28.7 x 12.4 in	16.5 x 34 x 29 in	55 x 42.7 x 40.8 in
Power and operating requirements	**Power and operating requirements**	**Power and operating requirements**	**Power and operating requirements**	**Power and operating requirements**
Minimum system requirements	**PC: Microsoft® Windows® 7 ready. For more information go to www.hp.com/go/windows7. Some features may not be available. Windows Vista® (x32 and x64), XP Home, XP Professional, Server 2003, 2000 (drivers only): 512 MB RAM, 350 MB available hard disk space, CD-ROM drive, USB port**	**PC: Microsoft® Windows® 7 ready. For more information go to www.hp.com/go/windows7. Some features may not be available. Windows Vista®, XP, Server 2003, 2000 (SP4): 200 MB available hard disk space, CD-ROM drive, USB 2.0 port or IEEE 1284-4 compliant parallel port**	**PC: Microsoft® Windows® 7 ready. For more information go to www.hp.com/go/windows7. Some features may not be available. Windows Vista®: 1 GHz processor, 512 MB RAM (check User's Guide for minimum hard disk space); Windows XP Home, XP Professional: 233 MHz processor, 64 MB RAM; Windows Server 2003 (standard edition): 550 MHz processor, 128 MB RAM; Windows 2000: 133 MHz processor, 64 MB RAM; for all systems: 220 MB of available hard disk space, CD-ROM drive or Internet connection, IEEE 1284-compliant bidirectional parallel port, USB 1.1 or USB 2.0 port**	**PC: Microsoft® Windows® Vista: 1 GHz processor, 512 MB RAM (check User's Guide for minimum hard drive space); Windows XP Home, XP Professional: 233 MHz processor, 64 MB RAM; Windows 2000: 300 MHz processor, 64 MB RAM; 180 MB available hard disk space; CD-ROM drive or Internet connection; dedicated IEEE 1284 parallel port**
	Macintosh: Mac OS X v 10.3.9, 10.4, 10.5, 10.6; 256 MB RAM, 150 MB available hard disk space; CD-ROM drive, USB port	**Macintosh:** Mac OS X v 10.3.9, 10.4, 10.5, 10.6; 200 MB available hard disk space; CD-ROM drive, USB 2.0 port or IEEE 1284-B compliant parallel port	**Macintosh:** Mac OS X v 10.2.8, 10.3, 10.4, 10.5, 10.6; Power PC G3, G4, G5, or Intel Core processor; 160 MB available hard disk space; CD-ROM drive; USB port or IEEE 1284-B compliant parallel port	**Macintosh:** Mac OS X v10.3.9, 10.4, 10.5, 10.6; Power PC G3, G4, G5, or Intel Core processor; 4 MB RAM; 160 MB available hard disk space

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Compatible operating systems	Microsoft® Windows® 7 ready. For more information go to www.hp.com/go/windows7. Some features may not be available. Windows Vista®, Windows XP Home, Windows XP Professional, Windows Server 2003, Windows 2000, Mac OS X v 10.3.9, 10.4, 10.5, 10.6, UNIX, Linux (see http://www.hplip.net)	Microsoft® Windows® 7 ready. For more information go to www.hp.com/go/windows7. Some features may not be available. Windows Vista®, Windows Vista® x64, Windows XP Home, Windows XP Professional, Windows Server 2003, Windows Server 2008, Windows 2000 (SP4), Mac OS X v 10.3.9, 10.4, 10.5, 10.6, Novell NetWare, Red Hat Linux 7.x or higher, SuSE Linux 8.x or higher, Linux (see http://www.hplip.net)	Microsoft® Windows® 7 ready. For more information go to www.hp.com/go/windows7. Some features may not be available. Windows Vista®, Windows XP Home, Windows XP Professional, Windows Server 2003, Windows 2000, Mac OS X v 10.2.8, 10.3, 10.4, 10.5, 10.6, Linux (see http://www.hplip.net)	Microsoft® Windows Vista®, Windows XP Home, Windows XP Professional, Windows 2000, Mac OS X v10.3.9, 10.4, 10.5, 10.6, Linux (see http://http://www.hplip.net)
Column1	**Column2**	**Column3**	**Column4**	**Column6**
Macintosh compatible	Yes	Yes	Yes	Yes
Power consumption, active	570 watts	780 watts	840 watts	1000 watts
Power Consumption, Powersave	8 watts	8.5 watts	12 watts	36 watts
Power Consumption, Standby	8 watts	14.5 watts	18 watts	205 watts
Power Consumption, Off	0.4 watts	0.6 watts	0 watts	0.3 watts
Power consumption note	Values subject to change. See http://www.hp.com/support/ljp2055 for current information. Power numbers are the highest values measured using all standard voltages.	Values subject to change. Power numbers are the highest values measured using all standard voltages. See http://www.hp.com/support for current information.	Values subject to change. See http://www.hp.com/support for current information. Power numbers are the highest values measured using all standard voltages.	Values current as of April 12, 2004. Power reported is the highest values measured using all standard voltages. Values subject to change, see http://www.hp.com/support/lj9050 for current information.
Operating temperature range	63.5 to 77º F	59 to 89º F	50 to 90° F	50 to 91° F
ENERGY STAR® Qualified	Yes	Yes	Yes	No
What's included	**What's included**	**What's included**	**What's included**	**What's included**
Warranty	**One-year, return to HP or an HP authorized service center**	**One-year warranty, return to HP authorized service center**	**One-year, return to HP authorized service center, limited warranty**	One-year, next business day, on-site warranty
Cable included?	No, please purchase USB cable separately	No, please purchase USB cable separately	No, please purchase USB cable separately	No, please purchase USB cable separately
What's in the box	HP LaserJet P2055dn Printer; built-in HP Jetdirect Gigabit Ethernet networking; HP LaserJet Black Print Cartridge; CD (includes software and User's Guide); power cord; support flyer	HP LaserJet Enterprise P3015dn Printer (includes built-in automatic two-sided printing and HP Jetdirect 10/100/1000 Base-TX Ethernet embedded print server); power cord; HP LaserJet Black Print Cartridge, full capacity (~6000 pages); software and documentation on CD-ROM; Getting Started Guide; support flyer; Warranty Guide (where applicable)	Right angled power cord, control panel overlay, software and documentation on CD-ROM, print cartridge, Getting Started Guide, support flyer, input tray, duplexer for two-sided printing	HP LaserJet 9050dn Printer, 100-sheet multipurpose tray, two 500-sheet input trays, HP Jetdirect Fast Ethernet Embedded Print Server, automatic two-sided printing unit, face-up output bin, power cord, print cartridge, printer documentation, printer software CD-ROM, control panel overlay

*** Please contact ikonmiprint@ikon.com for pricing including toner. It will be calculated on your expected monthly volume**