

Specifications

SKU

SKU	Z4B53A
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PRINT

Print speed, black	<=10
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Color output	Color
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Print speed, color	<=10
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CATEGORY

Product type	Inkjet printers, Multifunction printers
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Family brand	Deskjet
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USAGE

Perfect For	Home
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Usage	Home and home office
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FEATURES

Functions	Print scan and copy
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PRINTING MEDIA HANDLING

Finished output handling	Sheetfed
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Envelope input capacity	Up to 5 envelopes
Output capacity	Up to 25 sheets
Maximum output capacity (sheets)	Up to 25 sheets
Paper handling input, standard	60-sheet input tray
Input capacity	Up to 60 sheets
Paper handling output, standard	25-sheet output tray
Standard output capacity (envelopes)	Up to 5 envelopes
Maximum input capacity (sheets)	Up to 60 sheets
Standard input capacity (envelopes)	Up to 5
Maximum input capacity (transparencies)	No

Maximum input capacity (cards)	Up to 20 cards
Maximum input capacity (10x15cm photos)	Up to 20 sheets
Standard output capacity (legal)	Up to 25 sheets
Maximum input capacity (photo paper)	Up to 20 sheets
Maximum input capacity (4x6 photo)	Up to 20 sheets
Standard input capacity (legal)	Up to 60 sheets
Standard input capacity (cards)	Up to 20 cards
Maximum input capacity (labels)	Up to 10 sheets
Maximum output capacity (photo paper)	Up to 20 sheets

Maximum output capacity (cards)	Up to 20 cards
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Standard input capacity (transparencies)	No
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Standard output capacity (cards)	Up to 20 cards
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Standard output capacity (labels)	Up to 10 sheets
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Maximum output capacity (labels)	Up to 25 sheets
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Maximum output capacity (envelopes)	Up to 5 envelopes
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Standard input capacity (secondary tray)	Not Applicable
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DISPLAY SPECIFICATIONS

Display HP	7 segment + icon LCD
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SCAN SPEED

Scan speed (normal, letter)	Up to 21 seconds
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**Scan
speed
(normal,
A4)**

Up to 21 seconds

CARTRIDGES AND PRINTHEADS

Technology

Ink

**Number
of print
cartridges**

1 black bottle, set of 3 color bottles

Ink types

Dye-based (color); pigment-based (black)

**Print
heads**

2 (1 black, 1 Tri-color [cyan, magenta, yellow])

**Color(s)
of
printing
supplies**

Black, Cyan, Magenta, Yellow

**Print
head
nozzles**

328 (Black), 588 (Tri-color)

Replacement cartridges

NA: M0H57AA HP GT51 Black Original Ink Bottle (~5,000 pages); X4E40AA HP GT51XL 135-ml Black Original Ink Bottle (~6,000 pages); M0H54AA HP GT52 Cyan Original Ink Bottle (~8,000 pages); M0H55AA HP GT52 Magenta Original Ink Bottle (~8,000 pages); M0H56AA HP GT52 Yellow Original Ink Bottle (~8,000 pages); 1VU29AA HP 30 135-ml Black Original Ink Bottle (~6,000 pages); 1VU26AA HP 31 70-ml Cyan Original Ink Bottle (~8,000 pages); 1VU27AA HP 31 70-ml Magenta Original Ink Bottle (~8,000 pages); 1VU28AA HP 31 70-ml Yellow Original Ink Bottle (~8,000 pages). Average based on ISO/IEC 24711 or HP testing methodology and continuous printing. Actual yield varies considerably based on content of printed pages and other factors. For more information about fill and yield, see <http://hp.com/go/learnaboutsupplies>.

EMEA: M0H57AE HP GT51 Black Original Ink Bottle (~5,000 pages); X4E40AE HP GT51XL 135-ml Black Original Ink Bottle (~6,000 pages); M0H54AE HP GT52 Cyan Original Ink Bottle (~8,000 pages); M0H55AE HP GT52 Magenta Original Ink Bottle (~8,000 pages); M0H56AE HP GT52 Yellow Original Ink Bottle (~8,000 pages); 1VU29AE HP 30 135-ml Black Original Ink Bottle (~6,000 pages); 1VU26AE HP 31 70-ml Cyan Original Ink Bottle (~8,000 pages); 1VU27AE HP 31 70-ml Magenta Original Ink Bottle; 1VU28AE HP 31 70-ml Yellow Original Ink Bottle (~8,000 pages); X4E40AE HP GT51XL 135-ml Black Original Ink Bottle (~8,000 pages). Average based on ISO/IEC 24711 or HP testing methodology and continuous printing. Actual yield varies considerably based on content of printed pages and other factors. For more information about fill and yield, see <http://hp.com/go/learnaboutsupplies>.

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Print colors maximum	11
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BATTERY AND POWER

Power	Input voltage 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz). High voltage: Input voltage 200 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3Hz)
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Power Consumption	10 watts maximum, 0.07 watts (Off), 2.1 watts (Standby), 0.88 watt (Sleep)
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Power supply type	Internal
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PRINT TIME

First page out black (A4, ready)	As fast as 14 sec
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First page out color (A4, ready)	As fast as 18 sec
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PRINTER SPECIFICATIONS

Storage device and direct print support	Storage devices not supported
Multitasking supported	No
Envelope feeder	No
Functions	Print, copy, scan, wireless
Print languages	HP PCL 3 GUI
Paper trays, maximum	1
Paper trays, standard	1
Recommended monthly page volume	400 to 800
Print technology	HP Thermal Inkjet
Duplex printing	Manual (driver support provided)
Automatic paper sensor	No
Print colours	Yes
Borderless printing	Yes, up to 8.5 x 11 in (US letter), 210 x 297 mm (A4)

Printer drivers included **HP PCL 3 GUI**

Vertical alignment accuracy **+/- 0.042 mm**

CERTIFICATION AND COMPLIANCE

ENERGY STAR® certified **Yes**

Energy Efficiency Compliance **ENERGY STAR® qualified**

Electromagnetic Emission Standard **CISPR 22: 2008/EN 55022: 2010 Class B, CISPR24: 2010/EN 55024: 2010, EN 61000-3-2: 2006+ A1:2009+ A2:2009, EN 61000-3-3: 2013, FCC CFR 47 Part 15 Class B; ICES-003, Issue 5 Class B; GB4943.1-2011 (CCC S&E -China), CNS 14336: 1999 & CNS13438 (BSMI-Taiwan), VCCI-2 (Japan), GOST (Russia); KCC (Korea)**

Environmental **No**

Compliance alliances **None**

GEOGRAPHIC

Country of origin **Made in China**

ENVIRONMENTAL

Non-Operating Humidity Range **5 to 90% RH (non-condensing)**

Operating humidity range **15 to 80% RH (non-condensing)**

Storage temperature range	-40 to 60°C
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Operating temperature range	5 to 40°C
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Acoustic pressure emissions	47 dB
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Acoustic power emissions	6.0 B(A)
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Recommended operating temperature range	15 to 30°C
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WARRANTY

Warranty	1 Year Limited Warranty (Return to HP/Dealer - Unit Exchange)
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MEMORY

Memory slots	None
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Memory	Integrated
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Memory, maximum	Integrated
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DIMENSIONS

Dimensions without stand (W x D x H)	525 x 310 x 158 mm
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Package dimensions (W x D x H)	591 x 396 x 203 mm
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Maximum dimensions (W x D x H)	525 x 553.5 x 256.6 mm
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Dimensions with trays up (W x D x H)	525 x 310 x 158 mm
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WEIGHTS

Weight	4.67 kg
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Package weight	5.88 kg
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CONNECTIVITY AND COMMUNICATIONS

Modem	None
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Connectivity, standard	Wireless/WiFi
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Network capabilities	None
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Wireless capability	Yes
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Mobile printing capability	HP ePrint
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Network protocols, supported	9100 Direct IP, LPR, Embedded Web Server, SNMP, SLP, WS-Print
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SYSTEM COMPONENTS

Control panel	7 LEDs and 9 buttons, also with one ICON LCD for display
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PROCESSOR

Processor speed	360 MHz
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SCAN RESOLUTION

Scan Resolution, Hardware Up to 1200 x 1200 dpi

Enhanced scanning resolution Up to 1200 dpi

Scan Resolution, Optical Up to 1200 x 1200 dpi

BOX CONTENTS

Cable included Yes, 1.8 m USB cable

SUPPORTED PRINTING MEDIA

Media sizes supported A4; B5; A6; DL envelope

Standard media sizes (duplex) Not Applicable

Media weight, supported A4: 60 to 90 g/m²; HP envelopes: 75 to 90 g/m²; HP cards: up to 200 g/m²; HP 10 x 15 cm photo paper: up to 300 g/m²

Media types Plain Paper, HP Photo Papers, HP Matte Brochure or Professional Paper, HP Matte Presentation Paper, HP Glossy Brochure or Professional Paper, Photo Inkjet Papers, Matte Inkjet Papers, Glossy Inkjet Papers

Media sizes, custom 76.2 x 127 to 215 x 355 mm

Media weight, recommended 75 g/m²

SYSTEM REQUIREMENTS

Minimum System Requirements for Macintosh	OS X v10.10 Yosemite - 1.5 GB Available Space, Internet Access OS X v10.11 El Capitan - 1.5 GB Available Space, Internet Access macOS Sierra v10.12 (previously OS X) - 1.5 GB Available Space, Internet Access
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Minimum System Requirements	Microsoft® Windows® 10, 8.1, 8, 7: 1 GHz 32-bit (x86) or 64-bit (x64) processor, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft® Internet Explorer. Windows Vista®: 800 MHz 32-bit (x86) processor, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft® Internet Explorer 8. Windows® XP SP3 or higher (32-bit only): any Intel® Pentium® II, Celeron® or 233 MHz compatible processor, 850 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft® Internet Explorer 8. Windows Server support is provided via the command line installer - Windows Server 2008 32-bit (SP1 or greater), Windows Server 2008 64-bit (SP1 or greater), Windows Server 2008 R2 64-bit, Windows Server 2008 R2 64-bit (SP1), Windows Server 2016
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SOFTWARE AND APPLICATIONS

Mac compatible	Yes
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Software included	HP Printer Software, HP Photo Creations
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SUPPORTED OPERATING SYSTEMS

Compatible Operating Systems	Microsoft® Windows® 10, 8.1, 8, Windows Vista®, Windows® XP SP3 or higher (32-bit only): Windows Server 2008 32-bit (SP1 or greater), Windows Server 2008 64-bit (SP1 or greater), 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, OS X v10.10 Yosemite, OS X v10.11 El Capitan, macOS Sierra v10.12 (previously OS X)
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Operating system (supported note)
Microsoft® Windows® 10, 8.1, 8, Windows Vista®, Windows® XP SP3 or higher (32-bit only): Windows Server 2008 32-bit (SP1 or greater), Windows Server 2008 64-bit (SP1 or greater), 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 , OS X v10.10 Yosemite, OS X v10.11 El Capitan, macOS Sierra v10.12 (previously OS X)

PRINT SPEED

Print speed black (normal, A4) **Up to 8 ppm**

Print speed black (draft, A4) **Up to 19 ppm**

Print speed colour (normal, A4) **Up to 5 ppm**

Print speed colour (draft, A4) **Up to 15 ppm**

Print speed black (ISO) **Up to 8 ppm**

Print speed color (ISO) **Up to 5 ppm**

Print speed color (draft, letter)	Up to 16 ppm
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PRINT RESOLUTION

Print quality black (best)	Up to 1200 x 1200 rendered dpi
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Print quality color (best)	Up to 4800 x 1200 optimized dpi color (when printing from a computer on selected HP photo papers and 1200 input dpi)
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RACK AND POWER SPECIFICATIONS

Number of users	1-3 Users
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PRINT AREA

Maximum print area	216 x 355 mm
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Right margin (A4)	3 mm
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Top margin (A4)	3 mm
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Bottom margin (A4)	3 mm
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Left margin (A4)	3 mm
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SERVICES

Services (Care Pack)	HP 2-year Care Pack w/Next Day Exchange (UG605A); HP 3-year Care Pack w/Next Day Exchange (UG608A)
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SCANNER SPECIFICATIONS

Scan file format	JPEG, TIFF, PDF, BMP, PNG
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Color scanning	Yes
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Auto document feeder capacity	No
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Scanner type	Flatbed
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Scan size, maximum	216 x 297 mm
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Levels of grayscale	256
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Scan input modes	Scanning via HP Photosmart Software
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Bit Depth	24-bit
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Twain version	Version 2.1
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Scan technology	Contact Image Sensor (CIS)
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Scanning options (ADF)	Not Applicable
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COPIER SPECIFICATIONS

Copies, maximum	Up to 9 copies
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Copy reduce / enlarge settings	fit to page
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Copier settings	Auto-enlarge
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Colour copy capability	Yes
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COMPATIBILITY

Accessories	None
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Orderable supplies	HP GT52 Cyan Original Ink Bottle, HP GT52 Magenta Original Ink Bottle, HP GT52 Yellow Original Ink Bottle, HP GT51 Black Original Ink Bottle
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MULTIMEDIA AND INPUT DEVICES

Fax phone TAM interface supported	No
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Camera phone supported	No
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Fax phone features	No
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Camera phone description	No
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COPY SPEED

Copy speed color (ISO)	2 cpm
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**Copy
speed
black
(ISO)**

6.5 cpm

CAMERA SPECIFICATIONS

**Output
file
format**

No

**Video
action
printing
supported**

No

**PictBridge
supported**

No

**HP Real Life
technologies™**

Supported

**PictBridge
description**

No

DIGITAL SENDER SPECIFICATIONS

**Send to
email
capability**

No
