

# Specifications

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## SKU

<b>SKU</b>	<b>Z4B04A</b>
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## PRINT

<b>Print speed, black</b>	<b>&lt;=10</b>
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<b>Color output</b>	<b>Color</b>
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<b>Print speed, color</b>	<b>&lt;=10</b>
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## CATEGORY

<b>Product type</b>	<b>Inkjet printers, Multifunction printers</b>
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<b>Family brand</b>	<b>Deskjet</b>
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## USAGE

<b>Perfect For</b>	<b>Home</b>
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<b>Usage</b>	<b>Home and home office</b>
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## FEATURES

<b>Functions</b>	<b>Print scan and copy</b>
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## PRINTING MEDIA HANDLING

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

**Paper handling output, optional**

**60-sheet input tray**

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**Standard input capacity (envelopes)**

**Up to 5**

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**Maximum input capacity (transparencies)**

**No**

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**Maximum input capacity (cards)**

**Up to 20 cards**

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**Maximum input capacity (10x15cm photos)**

**Up to 20 sheets**

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**Standard output capacity (legal)**

**Up to 25 sheets**

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**Maximum input capacity (photo paper)**

**Up to 20 sheets**

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**Maximum input capacity (4x6 photo)**

**Up to 20 sheets**

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**Standard input capacity (legal)**

**Up to 60 sheets**

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<b>Standard input capacity (cards)</b>	<b>Up to 20 cards</b>
<b>Maximum input capacity (labels)</b>	<b>Up to 10 sheets</b>
<b>Maximum output capacity (photo paper)</b>	<b>Up to 20 sheets</b>
<b>Maximum output capacity (transparencies)</b>	<b>No</b>
<b>Maximum output capacity (cards)</b>	<b>Up to 20 cards</b>
<b>Standard input capacity (transparencies)</b>	<b>No</b>
<b>Standard output capacity (cards)</b>	<b>Up to 20 cards</b>
<b>Standard output capacity (labels)</b>	<b>Up to 10 sheets</b>
<b>Maximum output capacity (labels)</b>	<b>Up to 25 sheets</b>
<b>Maximum output capacity (envelopes)</b>	<b>Up to 5 envelopes</b>

## DISPLAY SPECIFICATIONS

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**Display**            **7 segment + icon LCD**  
**HP**

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## SCAN SPEED

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

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

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## CARTRIDGES AND PRINTHEADS

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**Technology**      **Ink**

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**Number**            **1 black bottle, set of 3 color bottles**  
**of print**  
**cartridges**

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**Ink types**        **Dye-based (color); pigment-based (black)**

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

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**Color(s)**         **Black, Cyan, Magenta, Yellow**  
**of**  
**printing**  
**supplies**

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**Print**                **328 (Black), 588 (Tri-color)**  
**head**  
**nozzles**

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## 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>.

**AP:** 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). 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>. AL:  
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). 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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<b>Print colors maximum</b>	<b>4</b>
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## BATTERY AND POWER

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<b>Power</b>	<b>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)</b>
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<b>Power Consumption</b>	<b>10 watts maximum, 0.07 watts (Off), 2.1 watts (Standby), 0.88 watt (Sleep)</b>
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<b>Power consumption (active copy)</b>	<b>No</b>
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<b>Power supply type</b>	<b>Internal</b>
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## PRINT TIME

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<b>First page out black (A4, ready)</b>	<b>As fast as 14 sec</b>
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<b>First page out color (A4, ready)</b>	<b>As fast as 18 sec</b>
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## PRINTER SPECIFICATIONS

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<b>Storage device and direct print support</b>	<b>Storage devices not supported</b>
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<b>Multitasking supported</b>	<b>No</b>
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<b>Envelope feeder</b>	<b>No</b>
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<b>Functions</b>	<b>Print, copy, scan</b>
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<b>Print languages</b>	<b>HP PCL 3 GUI</b>
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<b>Paper trays, maximum</b>	<b>1</b>
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<b>Paper trays, standard</b>	<b>1</b>
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<b>Recommended monthly page volume</b>	<b>400 to 800</b>
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<b>Print technology</b>	<b>HP Thermal Inkjet</b>
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<b>Duplex printing</b>	<b>Manual (driver support provided)</b>
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<b>Fonts and typefaces</b>	<b>Yes</b>
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<b>Automatic paper sensor</b>	<b>No</b>
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**Memory card compatibility**      **No**

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**Print colours**      **Yes**

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**Borderless printing**      **Yes, up to 8.5 x 11 in (US letter), 210 x 297 mm (A4)**

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**Printer drivers included**      **HP PCL 3 GUI**

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**Photo proofsheets supported**      **No**

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

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## **CERTIFICATION AND COMPLIANCE**

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**ENERGY STAR® certified**      **Yes**

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**Energy Efficiency Compliance**      **ENERGY STAR® qualified**

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**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)**

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**Environmental**      **No**

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**Compliance alliances**      **None**

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## **GEOGRAPHIC**

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**Country of origin**      **Made in China**

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## **ENVIRONMENTAL**

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

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

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**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**

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

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## **MEMORY**

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**Memory slots**      **None**

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**Memory**      **Integrated**

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<b>Memory, maximum</b>	<b>Integrated</b>
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<b>Standard memory note</b>	<b>Integrated</b>
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## **DIMENSIONS**

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<b>Dimensions without stand (W x D x H)</b>	<b>525 x 310 x 158 mm</b>
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<b>Package dimensions (W x D x H)</b>	<b>525 x 310 x 158 mm</b>
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<b>Maximum dimensions (W x D x H)</b>	<b>525 x 553.5 x 256.6 mm</b>
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<b>Dimensions with trays up (W x D x H)</b>	<b>525 x 310 x 158 mm</b>
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## **WEIGHTS**

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<b>Weight</b>	<b>4.67 kg</b>
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<b>Package weight</b>	<b>5.88 kg</b>
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## **CONNECTIVITY AND COMMUNICATIONS**

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<b>Modem</b>	<b>None</b>
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<b>Connectivity, standard</b>	<b>1 Hi-Speed USB 2.0</b>
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<b>Network capabilities</b>	<b>None</b>
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<b>Wireless capability</b>	<b>No</b>
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<b>Mobile printing capability</b>	<b>No</b>
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<b>Network protocols, supported</b>	<b>None</b>
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## **SYSTEM COMPONENTS**

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<b>Control panel</b>	<b>3 LEDS and 5 buttons, also with one ICON LCD for display</b>
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## **PROCESSOR**

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<b>Processor speed</b>	<b>360 MHz</b>
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## **SCAN RESOLUTION**

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<b>Scan Resolution, Hardware</b>	<b>Up to 1200 x 1200 dpi</b>
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<b>Enhanced scanning resolution</b>	<b>Up to 1200 dpi</b>
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<b>Scan Resolution, Optical</b>	<b>Up to 1200 x 1200 dpi</b>
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<b>Scan resolution enhanced disclaimer</b>	<b>Up to 1200 x 1200 dpi</b>
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<b>Scan resolution enhanced disclaimer</b>	<b>Up to 1200 x 1200 dpi</b>
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## **BOX CONTENTS**

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**Cable included** Yes, 1.5 m USB cable

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## SUPPORTED PRINTING MEDIA

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**Media sizes supported** A4; B5; A6; DL envelope (Note: Many other sizes are also supported. Any size between 3 x 5" and 8.5 x 14")

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**Standard media sizes (duplex)** Not Applicable

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**Media weight, supported** A4: 60 to 90 g/m<sup>2</sup>; HP envelopes: 75 to 90 g/m<sup>2</sup>; HP cards: up to 200 g/m<sup>2</sup>; HP 10 x 15 cm photo paper: up to 300 g/m<sup>2</sup>

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**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

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

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**Media weight, recommended** 75 g/m<sup>2</sup>

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**Media weight recommended note** 20 lb

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## SYSTEM REQUIREMENTS

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**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**

**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)

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## PRINT SPEED

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<b>Print speed black (normal, A4)</b>	<b>Up to 8 ppm</b>
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<b>Print speed black (draft, A4)</b>	<b>Up to 19 ppm</b>
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<b>Print speed colour (normal, A4)</b>	<b>Up to 5 ppm</b>
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<b>Print speed colour (draft, A4)</b>	<b>Up to 16 ppm</b>
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<b>Print speed black (ISO)</b>	<b>Up to 8 ppm</b>
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<b>Print speed color (ISO)</b>	<b>Up to 5 ppm</b>
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## PRINT RESOLUTION

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<b>Print quality black (best)</b>	<b>Up to 1200 x 1200 rendered dpi</b>
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<b>Print quality color (best)</b>	<b>Up to 4800 x 1200 optimized dpi color (when printing from a computer and 1200 input dpi)</b>
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## **RACK AND POWER SPECIFICATIONS**

<b>Number of users</b>	<b>1-3 Users</b>
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## **PRINT AREA**

<b>Maximum print area</b>	<b>216 x 355 mm</b>
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<b>Right margin (A4)</b>	<b>3 mm</b>
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<b>Top margin (A4)</b>	<b>3 mm</b>
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<b>Bottom margin (A4)</b>	<b>3 mm</b>
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<b>Left margin (A4)</b>	<b>3 mm</b>
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## **SERVICES**

<b>Services (Care Pack)</b>	<b>HP 2-year Care Pack w/Next Day Exchange (UG605A); HP 3-year Care Pack w/Next Day Exchange (UG608A)</b>
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## **ADVANCED FEATURES**

<b>Scanner advanced features</b>	<b>No</b>
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**Printer  
smart  
software  
features**

**Manual Duplex**

**Fax  
smart  
software  
features**

**No**

**Energy  
savings  
feature  
technology**

**HP Auto-Off Technology**

## **SCANNER SPECIFICATIONS**

**Scan file  
format**

**JPEG, TIFF, PDF, BMP, PNG**

**Color  
scanning**

**Yes**

**Auto  
document  
feeder  
capacity**

**No**

**Scanner  
type**

**Flatbed**

**Scan size,  
maximum**

**216 x 297 mm**

**Levels of  
grayscale**

**256**

**Scan  
input  
modes**

**Scanning via HP Photosmart Software**

**Bit Depth**

**24-bit**

**Twain  
version**

**Version 2.1**

<b>Scan technology</b>	<b>Contact Image Sensor (CIS)</b>
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<b>Scanning options (ADF)</b>	<b>Not Applicable</b>
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<b>Transparent materials adapter (supported)</b>	<b>Flatbed</b>
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## **COPIER SPECIFICATIONS**

<b>Copies, maximum</b>	<b>Up to 9 copies</b>
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<b>Copier settings</b>	<b>Actual size</b>
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<b>Colour copy capability</b>	<b>Yes</b>
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## **COMPATIBILITY**

<b>Accessories</b>	<b>None</b>
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<b>Orderable supplies</b>	<b>HP GT52 Cyan Original Ink Bottle, HP GT52 Magenta Original Ink Bottle, HP GT52 Yellow Original Ink Bottle, HP GT51 Black Original Ink Bottle</b>
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## **MULTIMEDIA AND INPUT DEVICES**

<b>Fax phone TAM interface supported</b>	<b>No</b>
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<b>Camera phone supported</b>	<b>No</b>
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<b>Fax phone features</b>	<b>No</b>
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<b>Camera phone description</b>	<b>No</b>
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## **FAX SPECIFICATIONS**

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<b>Faxing options (ADF)</b>	<b>Not Applicable</b>
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## **COPY SPEED**

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<b>Copy speed color (ISO)</b>	<b>2 cpm</b>
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<b>Copy speed black (ISO)</b>	<b>6.5 cpm</b>
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## **CAMERA SPECIFICATIONS**

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<b>Output file format</b>	<b>No</b>
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<b>Video action printing supported</b>	<b>No</b>
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<b>PictBridge supported</b>	<b>No</b>
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<b>HP Real Life technologies™</b>	<b>Supported</b>
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<b>PictBridge description</b>	<b>No</b>
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