

# HP Designjet Z3200 Photo Printer series

The most advanced 12-ink printer<sup>1</sup> for gallery-quality prints



## Wide color gamut and outstanding black-and-white

- 12 Original HP Photo Inks deliver gallery-quality black-and-white and color prints lasting up to 200 years<sup>2</sup>.
- Create exceptional black-and-white prints—an HP Quad-black ink set delivers smooth transitions, neutral grays.
- Get superior gloss uniformity and minimize bronzing on most glossy photo papers with HP Gloss Enhancer<sup>3</sup>.
- Achieve an expanded color gamut with 95% PANTONE<sup>®</sup> coverage<sup>4</sup> enabled by HP chromatic red ink.

## Easy color calibration and profiling

- Generate custom ICC profiles and achieve color accuracy, consistency with the embedded spectrophotometer<sup>5</sup>.
- See consistent print-to-print color regardless of fluctuating environmental conditions with HP technologies.
- Simplify your workflow—easily access, create, and share paper presets using the enhanced HP Color Center.
- Get color reliability with HP Professional PANTONE<sup>®</sup> color emulation and Adobe PostScript<sup>®</sup>/PDF support<sup>6</sup>.

## Low-maintenance and high ink efficiency<sup>7</sup>

- Optimize performance, ink usage—automatic servicing routines help prevent nozzle clogging, reduce media waste.
- Save time, money—embedded TIFF, JPEG, and Adobe PS3/PDF RIP enable direct job submission, queuing, nesting<sup>8</sup>.
- Streamline production with an HP Embedded Web Server and print previews, which help eliminate trial and error.
- Stay up-to-date—HP Printer Utility software provides printer status, desktop alerts, and automatic updates.

For more information, please visit  
[hp.com/go/DesignjetZ3200](http://hp.com/go/DesignjetZ3200)

- 1 The 12-ink HP Designjet Z3200 Photo Printer is the most advanced printer compared with other HP Z-series printers.
- 2 Display permanence rating for interior displays/away from direct sunlight, under glass by HP Image Permanence Lab and/or by Wilhelm Imaging Research, Inc. on a range of HP media. For more information, see [hp.com/go/supplies/printpermanence](http://hp.com/go/supplies/printpermanence).
- 3 Bronzing is minimized as an image-quality issue when HP Gloss Enhancer is used. HP Gloss Enhancer can be used on photo paper, with the exception of matte-finish papers.
- 4 95% coverage of PANTONE MATCHING SYSTEM<sup>®</sup> and PANTONE<sup>®</sup> GOE systems, based on HP internal testing (PANTONE<sup>®</sup> approval pending). Please visit [hp.com/go/Z3200/PANTONE](http://hp.com/go/Z3200/PANTONE) for final results.
- 5 Embedded in this HP Designjet Printer is an i1 spectrophotometer from X-Rite. Close collaboration between HP and X-Rite ensures a reliable solution that's been thoroughly tested to meet customer demands for ease, quality, and dependability.
- 6 Pending PANTONE-licensed.
- 7 Based on internal HP testing, the HP Designjet Z3200 Photo Printer series utilizes at least 30% less ink during routine maintenance operations versus select printers from other vendors.
- 8 Professional PANTONE<sup>®</sup> Emulation, remote management, queue management, nesting, job submission and storage capabilities, and support for 16-bit TIFF and JPEG files are standard on HP Designjet Z3200ps Photo printers only.



## Technical specifications

|                               |   |  |
|-------------------------------|---|--|
| <b>Print</b>                  | Color images <sup>9</sup>   | Fast: 2 min/page on A1/D or up to 17 m <sup>2</sup> /hr (182.9 ft <sup>2</sup> /hr) on coated media.<br>Best: 12.4 min/page on A1/D or up to 2.58 m <sup>2</sup> /hr (27.8 ft <sup>2</sup> /hr) on glossy media              |
|                               | Print resolution  | Up to 2400 x 1200 optimized dpi  |
|                               | Margins (top x bottom x left x right)   | Roll: 5 x 5 x 5 x 5 mm (0.2 x 0.2 x 0.2 x 0.2 in) (borderless on photo roll media)<br>Sheet: 5 x 17 x 5 x 5 mm (0.2 x 0.67 x 0.2 x 0.2 in)   |
|                               | Technology  | HP Thermal Inkjet  |
| <b>Image quality</b>          | Color accuracy  | Median < 1.6 dE2000, 95% of colors < 2.8 dE2000 <sup>10</sup>  |
|                               | Short-term color stability  | < 1 dE2000 in less than 5 minutes <sup>11</sup>  |
|                               | Long term print-to-print repeatability  | Average < 0.5 dE2000, 95% of colors < 1.4 dE2000 <sup>11</sup>   |
|                               | Maximum optical density   | 4 L* min/2.5 D <sup>12</sup>   |
| <b>Media</b>                  | Handling  | Sheet feed, roll feed, media bin <sup>13</sup> , automatic cutter (cuts all media except canvas)   |
|                               | Weight  | Up to 500 g/m <sup>2</sup> (133 lb)  |
|                               | Size  | 24-in models: 210 x 279 to 610 x 1676-mm (8.3 x 11 to 24 x 66-in) sheets; 279 to 610-mm (11 to 24-in) rolls<br>44-in models: 210 x 279 to 1118 x 1676-mm (8.3 x 11 to 44 x 66-in) sheets; 279 to 1118-mm (11 to 44-in) rolls |
|                               | Thickness   | Up to 0.8 mm (31.5 mil)  |
| <b>Applications</b>           | Photos, Digital fine art, Graphics design, Layouts and comps, Mockups, Proofs, Proofing   |  |
| <b>Memory</b>                 | Standard  | 256 MB   |
|                               | Hard disk   | 80 GB  |
| <b>Connectivity</b>           | Interfaces (standard)   | Gigabit Ethernet (1000Base-T), Hi-Speed USB 2.0 certified, EIO Jetdirect accessory slot  |
|                               | Interfaces (optional)   | HP Jetdirect EIO print servers   |
|                               | Print languages (standard)  | Adobe® PostScript® 3 <sup>14</sup> , Adobe® PDF 1.6, TIFF, JPEG, HP PCL 3 GUI  |
|                               | Drivers (included)  | Adobe® PostScript®, HP PCL 3 GUI   |
| <b>Dimensions (w x d x h)</b> | Printer   | 24-in models: 1262 x 690 x 1047 mm (49.7 x 27.2 x 41.2 in)<br>44-in models: 1770 x 690 x 1047 mm (69.7 x 27.2 x 41.2 in)   |
|                               | Shipping  | 24-in models: 1470 x 780 x 740 mm (57.8 x 30.7 x 29.1 in)<br>44-in models: 1965 x 780 x 780 mm (77.3 x 30.7 x 30.7 in)   |
| <b>Weight</b>                 | Printer   | 24-in models: 65 kg (143 lb)<br>44-in models: 86 kg (189 lb)   |
|                               | Shipping  | 24-in models: 102 kg (225 lb)<br>44-in models: 123 kg (271 lb)   |
| <b>What's in the box</b>      | HP Designjet Z3200 Photo Printer, spindle, printheads <sup>13</sup> , introductory ink cartridges, printer stand and media bin <sup>13</sup> , rear tray, 3-in core adapter, quick reference guide, setup poster, USB cable, power cord, HP Start-up kit including printer software |  |
| <b>Environmental ranges</b>   | Operating temperature:  | 5 to 40°C (41 to 104°F)  |
|                               | Storage temperature:  | -25 to 55°C (-13 to 131°F)   |
|                               | Operating humidity:   | 20 to 80% RH   |
| <b>Acoustic</b>               | Sound pressure  | 49 dB(A) (active), 29 dB(A) (standby)  |
|                               | Sound power   | 6.5 B(A) (active); 4.4 B(A) (standby)  |
| <b>Power consumption</b>      |   | < 170 watts (printing), < 31 watts (ready), < 12 watts (< 30 watts with embedded Digital Front End) (sleep), 0.1 watts (off)   |
|                               | Requirements:   | Input voltage (auto ranging): 100 to 240 VAC (+/- 10%)<br>50/60 Hz (+/- 3 Hz), 2 amps maximum  |
| <b>Certification</b>          | Safety  | USA and Canada (CSA certified), EU (LVD and EN 60950-1 compliant), Russia (GOST), Singapore (PSB), China (CCC), Argentina (IRAM), Mexico (NRYCE), Korea (KATS)   |
|                               | Electromagnetic   | Compliant with Class A requirements, including USA (FCC rules), Canada (ICES), EU (EMC Directive), Australia (ACMA), New Zealand (RSM), China (CCC), Japan (VCCI), Korea (KCC)   |
|                               | Environmental   | ENERGY STAR, WEEE, EU RoHS, China RoHS, REACH, FEMP  |
| <b>Warranty</b>               | One-year warranty with on-site, next business-day service   |  |

### For more information, please visit



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## Ordering information

|  |  |   |
|--|--|---|
| <b>Product</b>   | Q6720B                                   | HP Designjet Z3200ps 24-in Photo Printer  |
|  | Q6721B                                   | HP Designjet Z3200ps 44-in Photo Printer  |
| <b>Accessories</b>   | Q6699A                                   | HP Designjet Z 44-in Spindle  |
|  | Q6700A                                   | HP Designjet Z/T 1xxx/T6xx 24-in Spindle  |
|  | J8025A                                   | HP Jetdirect 640n Print Server  |
|  | G6H51A                                   | HP Designjet HD Pro Scanner   |
|  | Q6663A                                   | HP Designjet T/JZ 24-in Stand (AP only)   |
| <b>Original HP printheads</b>                              | C9405A                                   | HP 70 Light Magenta and Light Cyan Printhead  |
|  | C9406A                                   | HP 70 Magenta and Yellow Printhead  |
|  | C9407A                                   | HP 70 Photo Black and Light Gray Printhead  |
|  | C9408A                                   | HP 70 Blue and Green Printhead  |
|  | C9410A                                   | HP 70 Gloss Enhancer and Gray Printhead   |
|  | CD949A                                   | HP 73 Matte Black and Chromatic Red Printhead   |
|  |  |   |
| <b>Original HP ink cartridges and maintenance supplies</b> | C9448A                                   | HP 70 130-ml Matte Black Ink Cartridge  |
|  | C9449A                                   | HP 70 130-ml Photo Black Ink Cartridge  |
|  | C9450A                                   | HP 70 130-ml Gray Ink Cartridge   |
|  | C9451A                                   | HP 70 130-ml Light Gray Ink Cartridge   |
|  | C9453A                                   | HP 70 130-ml Magenta Ink Cartridge  |
|  | C9454A                                   | HP 70 130-ml Yellow Ink Cartridge   |
|  | C9455A                                   | HP 70 130-ml Light Magenta Ink Cartridge  |
|  | C9457A                                   | HP 70 130-ml Green Ink Cartridge  |
|  | C9458A                                   | HP 70 130-ml Blue Ink Cartridge   |
|  | C9459A                                   | HP 70 130-ml Gloss Enhancer Ink Cartridge   |
|  | C9390A                                   | HP 70 130-ml Light Cyan Ink Cartridge   |
| CD951A   | HP 73 130-ml Chromatic Red Ink Cartridge |   |
| <b>Original HP large format printing materials</b>         | Q8840A                                   | HP Professional Instant-dry Satin Photo Paper 1118 mm x 15.2 m (44 in x 50 ft)                          |
|  | Q7991A                                   | HP Premium Instant-dry Gloss Photo Paper (FSC® certified) <sup>14</sup> 610 mm x 22.9 m (24 in x 75 ft) |
|  | Q7972A                                   | HP Matte Litho-realistic Paper-610 mm x 30.5 m (24 in x 100 ft)   |
|  | Q8673B                                   | HP Professional Matte Canvas-610 mm x 15.2 m (24 in x 50 ft)  |
|  | Q8710A                                   | HP Collector Satin Canvas-1067 mm x 15.2 m (42 in x 50 ft)  |
| <b>Service and support</b>                                 | UF035E                                   | HP 3 year Next Business Day Onsite Designjet Z3x00 Hardware Support                                     |
|  | UF036E                                   | HP 4 year Next Business Day Onsite Designjet Z3x00 Hardware Support <sup>17</sup>                       |
|  | UF037E                                   | HP 5 year Next Business Day Onsite Designjet Z3x00 Hardware Support <sup>17</sup>                       |
|  | UF046PE                                  | HP 1 year Post Warranty Next Business Day Onsite Designjet Z3x00 Hardware Support                       |
|  | H4518E                                   | HP Network Installation Designjet T23-71XX/400-6200 Service   |
|  | UK505E                                   | HP 3 year Next Business Day Onsite Support with Defective Media Retention <sup>18</sup>                 |
|  | UK506PE                                  | HP 1 year Post Warranty Next Business Day Onsite Support with Defective Media Retention <sup>18</sup>   |

HP Designjet Support Services offer solutions for business critical environments — installation, extended support and maintenance, as well as variety of value added services.

For more information, please visit [hp.com/go/designjet/support](http://hp.com/go/designjet/support).

Use HP Photo Inks and printheads to experience consistent high-quality and reliable performance that enable less downtime and increased productivity. These critical printing system components are designed and engineered together to provide optimized efficiency, a wide color gamut, and prints with over 200 years fade resistance<sup>16</sup>. For more information, visit [hp.com/go/OriginalHPinks](http://hp.com/go/OriginalHPinks).

For the entire HP Large Format Printing Materials portfolio, please see [globalBMG.com/hp](http://globalBMG.com/hp).

<sup>9</sup> Mechanical printing time with Original HP inks. Measured on a 44-in model.

<sup>10</sup> ICC absolute colorimetric accuracy on HP Proofing Matte paper with Original HP inks.

<sup>11</sup> With HP Premium Instant Dry Photo Satin media with Original HP inks, right after calibration.

<sup>12</sup> With HP Premium Instant Dry Photo Gloss media with Original HP inks.

<sup>13</sup> Not included in the box in Asia Pacific for 24-in models.

<sup>14</sup> FSC® trademark license code FSC®-C017543, see [fsc.org](http://fsc.org). Not all FSC®-product is available in all regions.

<sup>15</sup> Papers can be recycled according to region-specific practices. In North America and Asia (including Japan), recyclable in consumer collection systems that can accept mixed paper (may not be recyclable in your area); in Europe recyclable in consumer collection systems that accept liquid packaging.

<sup>16</sup> Display permanence rating for interior displays/away from direct sunlight, under glass by HP Image Permanence Lab and/or by Wilhelm Imaging Research, Inc. on a range of HP media with Original HP inks. See [hp.com/go/supplies/printpermanence](http://hp.com/go/supplies/printpermanence)

<sup>17</sup> Not available in North America and Latin America.

<sup>18</sup> Not available in Europe, Middle East, and Africa.

