

# HP Jet Fusion 5000 3D Printer



## Access HP 3D Printing<sup>1</sup> capabilities for control over your production and design freedom

| Take control of the end result, time-to-part, and part quality.  | Accessible system. Predictable costs.  | Evolve your system when production grows  |
|--|--|---|
| Produce prototypes and end-use parts with fine detail, sharp edges, and defined textures using HP Multi Jet Fusion Technology.                       | Minimize business risk with a lower upfront investment. <sup>3</sup>   | Improve your cost per part with a cost structure that adapts to increasing levels of production with the HP Jet Fusion 5000 to 5200 Upgrade kit.  |
| Accelerate results—speed up overall time-to-part with in-house production.   | Manage operating expenses with predictable supplies and maintenance costs using HP 3DaaS—a “pay-as-you-go” business model. | Create an environment where you can print continuously—simply add build units.  |
| Innovate freely with a solution that accommodates multiple designs in one build. Do more—create bigger builds with larger part sizes XY <sup>2</sup> | Get up and running quickly with installation services and training included with this solution. <sup>4</sup>               | Save time in powder management and reduce labor costs with an optional processing station that enables clean and automated build preparation, rapid cooling, and easier powder removal. |

# Technical specifications

## HP Jet Fusion 5000 3D Printer

|                        |   |   |
|------------------------|---|---|
| PRINTER PERFORMANCE    | Technology  | HP Multi Jet Fusion technology  |
|                        | Effective build volume  | 380 x 284 x 250 mm (15 x 11.2 x 9.8 in)   |
|                        | Building speed <sup>5</sup>   | Up to 4010 cm <sup>3</sup> /hr (244.7 in <sup>3</sup> /hr)  |
|                        | Layer thickness   | 0.08 mm (0.003 in)  |
|                        | Job processing resolution (x, y)  | 1200 dpi  |
| DIMENSIONS (W X D X H) | Printer   | 2210 x 1268 x 1804 mm (87 x 50 x 71 in)   |
|                        | Shipping  | 2300 x 1325 x 2027 mm (91 x 52 x 80 in)   |
|                        | Operating area  | 3700 x 3700 x 2500 mm (146 x 146 x 99 in)   |
| WEIGHT                 | Printer   | 880 kg (1940 lb)  |
|                        | Build unit  | 140.5 kg (309.7 lb)   |
|                        | Shipping  | 1037.5 kg (2287 lb)   |
| NETWORK <sup>6</sup>   | Gigabit Ethernet (10/100/1000Base-T), supporting the following standards: TCP/IP, DHCP (IPv4 only), TLS/SSL |   |
| PROCESSOR AND MEMORY   | Processor   | Intel® Core™ i7 7770 (3.6 GHz, up to 4.2 GHz)   |
|                        | Memory  | 32 GB DDR4  |
| HARD DISK              | 1TB HDD SED (AES-256 encrypted)   |   |
|                        | 1TB SDD SED (AES-256 encrypted), TGC-OPAL 2.01 compliant  |   |
| SOFTWARE               | Compatible software   | HP 3D Build Manager<br>HP 3D Command Center<br>HP 3D Center   |
|                        | Supported file formats  | 3MF, STL, OBJ, and VRML (v2.0)  |
|                        | Certified third-party software  | Autodesk® Netfabb® with HP Work-space, Materialise Build Processor for HP Multi Jet Fusion technology |
| POWER                  | Consumption   | 12 kw <sup>7</sup>  |
|                        | Requirements  | 380-415 V (line-to-line), 50 A max, 50/60 Hz<br>200-240 V (line-to-line), 80 A max, 50/60 Hz          |

|                                      |  |  |
|--------------------------------------|--|--|
| CERTIFICATIONS AND STATEMENT         | Safety                                       | IEC 60950-1+A1+A2 compliant; United States and Canada (UL listed); EU (LVD and MD compliant, EN 60950-1, EN 12100-1, EN 60204-1, and EN 1010)        |
|                                      | Electromagnetic                              | Compliant with Class A requirements, including: USA (FCC rules), Canada (ICES), EU (EMC Directive), Australia (ACMA), New Zealand (RSM), Korea (KCC) |
|                                      | Environmental statement                      | REACH compliant  |
| WARRANTY & SERVICE COVERAGE INCLUDED | One-year limited hardware warranty           |  |
| ENVIRONMENTAL SPECIFICATIONS         | Temperature during installation              | 20-30°C (68-86°F)  |
|                                      | Operating temperature                        | 20-30°C (68-86°F)  |
|                                      | Recommended temperature for best performance | 20-30°C (68-86°F)  |
|                                      | Storage temperature                          | -25 to 55°C (-13 to 131°F)   |
|                                      | Operating humidity                           | 30-80% without condensation  |
| Storage humidity                     | <90% without condensation                    |  |

HP 3D Printing materials have their own restrictions published in material data sheets.

## Ordering information

|             |        |  |
|-------------|--------|--|
| PRINTER     | 8Q6G2B | HP Jet Fusion 5000 3D Printer                                    |
| ACCESSORIES | 8Q6G3A | HP Jet Fusion 5000 3D Build Unit                                 |
|             | 3FW27A | HP Jet Fusion 5200 3D Processing station                         |
|             | 5ZR21A | HP Jet Fusion 5200 3D Semaphore                                  |
|             | 4QG11A | HP Jet Fusion 5200 Series 3D Automatic External Tank Starter Kit |
|             | G5J38A | HP OfficeJet Pro 7740 (Printhead Alignment Scanner)              |
|             | 915Y0A | HP Jet Fusion 5000 to 5200 Upgrade kit                           |

Learn more about HP Jet Fusion 5000 3D Printer: [hp.com/JetFusion5000](https://hp.com/JetFusion5000)

Connect with an HP 3D Printing expert or sign up for the latest news about HP Jet Fusion 3D Printing: [hp.com/go/3Dcontactus](https://hp.com/go/3Dcontactus)

For more information, please visit: [hp.com/go/3DPrint](https://hp.com/go/3DPrint)

1. The HP Jet Fusion 5000 3D Printer is currently available with HP 3D High Reusability PA 12, enabled by Evonik.
2. Larger builds/part sizes compared to solutions with a similar price range.
3. Lower upfront investment compared to other solutions in HP's Jet Fusion portfolio.
4. The HP 3D Ready-to-Print Service is included in the purchase price of the HP Jet Fusion 5000 3D Printer.
5. Based on using HP 3D High Reusability PA 12, 0.08-mm (0.00315-in) layer thickness and 7.75 sec/layer.
6. The HP Jet Fusion 5000 3D Printer should be connected to the HP Cloud in order to enable the correct functioning of the printer and to offer better support.
7. Average power for HP 3D High Reusability PA 12 in Balanced print mode.