3D printing performance you can rely on

The Ultimaker S3 features next-generation reliability. Its advanced active leveling, stiffer build platform, heated build plate, and more accurate stepper drivers result in the highest print quality of a machine in this form factor. And dual filament flow sensors notify you if you run out of material.

In-house production made easy

The Ultimaker S3 was designed so that anyone can achieve high-quality results after a 30-minute introduction. Its award-winning touch interface, advanced active leveling, predefined print settings and Ultimaker Platform acces, facilitate 3D printing as part of any workflow.

Low cost of ownership: Affordable entry to professional 3D printing, making ROI easy and fast to achieve

Wide material choice: Use almost any material with our open filament system, including composites (requires print core CC)

Hassle-free experience: Seamless integration with the Ultimaker platform of software, materials and printers

Touchscreen: Effortless operation via an award-winning user interface

Advanced active leveling: Reliable first-layer adhesion, enables unattended use

Flow sensor: Stay informed when filament runs out to increase print success

Front enclosure: Improved printing environment for better print results

Easy setup: Start 3D printing in 30 minutes

Network connectivity: Print via Wi-Fi, LAN, cloud, or USB

Ultimaker Essentials NEW: Unending access to security-assessed software – with remote printing, user management, and e-learning

The Ultimaker platform

3D printers that simply work

Our award-winning 3D printers are robust, reliable, and easy to use. They deliver quality parts time and again. Designed and tested to run 24/7, they allow you to achieve the results you need more quickly and easily.

Software ready for Industry 4.0

Trusted by millions of users across 14 languages, Ultimaker Cura integrates with any workflow through Ultimaker Marketplace plugins. Then scale production and digital distribution with Ultimaker Digital Factory.

Material choice like never before

Ultimaker offers the widest material choice on the market. Through our Material Alliance, choose the perfect filament for your application – from advanced polymers to carbon fiber composites.

Support dedicated to your success

Wherever you are in the world, Ultimaker support is close by. Our global network of service partners offer professional installation, training, and maintenance in your language and time zone.

Request a quote today at ultimaker.com/quote/request
## Ultimaker S3 specifications

### Printer and printing properties

<table>
<thead>
<tr>
<th>Technology</th>
<th>Fused filament fabrication (FFF)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Print head</td>
<td>Dual-extrusion print head with a unique auto-nozzle lifting system and swappable print cores</td>
</tr>
<tr>
<td>Build volume (XYZ)</td>
<td>230 x 190 x 200 mm (9 x 7.4 x 7.9 in)</td>
</tr>
</tbody>
</table>
| Layer resolution | 0.25 mm nozzle: 150 - 60 micron  
                     0.4 mm nozzle: 200 - 20 micron  
                     0.6 mm nozzle: 300 - 20 micron  
                     0.8 mm nozzle: 600 - 20 micron |
| XYZ resolution   | 6.9, 6.9, 2.5 micron |
| Build speed      | < 24 mm³/s |
| Build plate      | Heated glass build plate (20 - 140 °C) |
| Nozzle diameter  | 0.4 mm (included)  
                     0.25 mm, 0.6 mm, 0.8 mm (sold separately) |
| Operating sound  | < 50 dBA |
| Connectivity     | Wi-Fi, LAN, USB port |

### Physical dimensions

| Dimensions       | 394 x 489 x 637 mm (15.5 x 19.3 x 25.1 in) |
| Physical dimensions | (inc. Bowden tubes and spool holder) |
| Net weight       | 14.4 kg (31.7 lbs) |

### Software

- **Free supplied software**
  - Ultimaker Personal (for individuals – includes Ultimaker Cura)
  - Ultimaker Essentials (for organizations – includes Ultimaker Cura Enterprise)
  - Find our full range of enterprise plans at ultimaker.com/software

### Warranty

- **Warranty period**
  - 12 months

### Compatible accessories

- **Print core AA**
  - 0.25, 0.4, 0.8 mm
  - Quick-swap nozzles minimize downtime

- **Print core BB**
  - 0.4, 0.8 mm
  - Specially designed for printing soluble support material

- **Print core CC**
  - 0.6 mm
  - Ruby-tipped for printing abrasive composites

- **Nozzle covers**
  - x10
  - Replacement covers keep your print head in top condition

### Compatible materials

- **Easy to print**
  - Ultimaker PLA
  - Ultimaker Tough PLA
  - Ultimaker PETG

- **Mechanical strength**
  - Ultimaker ABS
  - Ultimaker PC
  - Ultimaker CPE

- **Wear resistance**
  - Ultimaker Nylon
  - Ultimaker PP
  - Igus Iglidur I180-PF

- **Heat resistance**
  - Ultimaker CPE+  
  - DSM Arnitel ID 2060 HT

- **Flexibility**
  - Ultimaker TPU 95A
  - DuPont™ Hytrel® 3D4100FL

- **Reinforced composites**
  - Owens Corning XSTRAND™ GF30-PA6
  - DSM Novamid® ID1030 CF10

- **Support**
  - Ultimaker PVA
  - Ultimaker Breakaway

Specifications subject to change. EN 05/2021 v1.04