Ultimaker 2+ Connect
Product data sheet

Start 3D printing the Ultimaker way

With networking capabilities and a new touchscreen, the Ultimaker 2+ Connect is your reliable first step into our world of easy, remote 3D printing. Simply unbox and connect three components, and get started. This speedy setup even makes installing multiple 3D printers effortless.

High uptime. Low maintenance

Thousands of designers and educators love Ultimaker technology because it just keeps working – day and night, year after year. Since 2015, over 6 million prints have been prepared for its predecessor. And the Ultimaker 2+ Connect improves on that workhorse legacy.

Start printing quickly: Install the printer in minutes
Easy maintenance: Efficient design keeps maintenance needs to around 20 minutes per month
Wide material choice: With our open filament system, you can always find the right material
Touchscreen: Effortless, intuitive operation via a touchscreen interface
Next-gen components: Ergonomic feeder lever, stiffer build platform, and improved manual leveling
Network connectivity: Via Wi-Fi or Ethernet, print remotely over the cloud with added security
Enhanced safety: Add the Ultimaker 2+ Connect Air Manager (sold separately)
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. With an open filament system, you can always find the right material properties for your application – from heat, chemical, or wear resistance to flexibility.

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 2+ Connect specifications

<table>
<thead>
<tr>
<th>Printer and printing properties</th>
<th>Technology</th>
<th>Fused filament fabrication (FFF)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Print head</td>
<td></td>
<td>Single extrusion with swappable nozzles</td>
</tr>
<tr>
<td>Build volume (XYZ)</td>
<td>223 x 220 x 205 mm (8.7 x 8.6 x 8 in)</td>
<td></td>
</tr>
<tr>
<td>Layer resolution</td>
<td>0.25 mm nozzle: 150 - 60 micron</td>
<td></td>
</tr>
<tr>
<td></td>
<td>0.4 mm nozzle: 200 - 20 micron</td>
<td></td>
</tr>
<tr>
<td></td>
<td>0.6 mm nozzle: 400 - 20 micron</td>
<td></td>
</tr>
<tr>
<td></td>
<td>0.8 mm nozzle: 600 - 20 micron</td>
<td></td>
</tr>
<tr>
<td>XYZ resolution</td>
<td>12.5, 12.5, 5 micron</td>
<td></td>
</tr>
<tr>
<td>Build speed</td>
<td>&lt; 24 mm³/s</td>
<td></td>
</tr>
<tr>
<td>Build plate</td>
<td>Heated glass build plate (20 - 110 °C)</td>
<td></td>
</tr>
<tr>
<td>Nozzle diameter</td>
<td>0.4 mm (included)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>0.25, 0.6, 0.8 mm (sold separately)</td>
<td></td>
</tr>
<tr>
<td>Operating sound</td>
<td>&lt; 50 dBA</td>
<td></td>
</tr>
<tr>
<td>Power input</td>
<td>100 - 240 VAC, 50 - 60 Hz</td>
<td></td>
</tr>
<tr>
<td>Power output</td>
<td>221 W</td>
<td></td>
</tr>
<tr>
<td>Connectivity</td>
<td>Wi-Fi, Ethernet, USB</td>
<td></td>
</tr>
</tbody>
</table>

### Physical dimensions

- Assembled dimensions: 342 x 460 x 580 mm (13.5 x 18.1 x 22.8 in)
- Net weight: 10.3 kg (22.7 lbs)

### Software

- Free supplied software
  - Ultimaker Personal (for individuals – includes Ultimaker Cura)
  - Ultimaker Essentials (for organizations – includes Ultimaker Cura Enterprise)
- Security: Data encryption in transit and at rest. Two-factor authentication
- Supported OS: MacOS, Windows, and Linux

### Warranty

- Warranty period: 12 months

### Compatible products

- **Air Manager**
  - EPA filter removes up to 95% of UFPs and fully encloses the printer
- **Nozzle pack**
  - 0.25, 0.4, 0.6, and 0.8 mm nozzles – for speed or fine detail
- **Adhesion sheets**
  - For effective build plate adhesion (contains 25 sheets)
- **Enterprise software**
  - Choose from plans that deliver stability and control for organizations

### Compatible materials

Unlock a wide range of applications with Ultimaker materials or use almost any 2.85 mm filament available on the market.

#### Easy to print

- Ultimaker PLA
- Ultimaker Tough PLA
- Ultimaker PETG

#### Mechanical strength

- Ultimaker ABS
- Ultimaker PC
- Ultimaker CPE

#### Wear resistance

- Ultimaker Nylon
- Ultimaker PP

#### Heat resistance

- Ultimaker CPE+

#### Flexibility

- Ultimaker TPU 95A