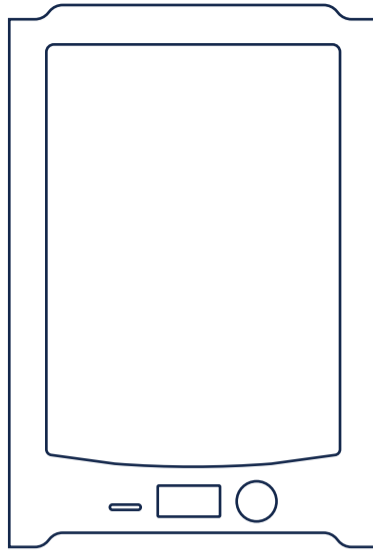
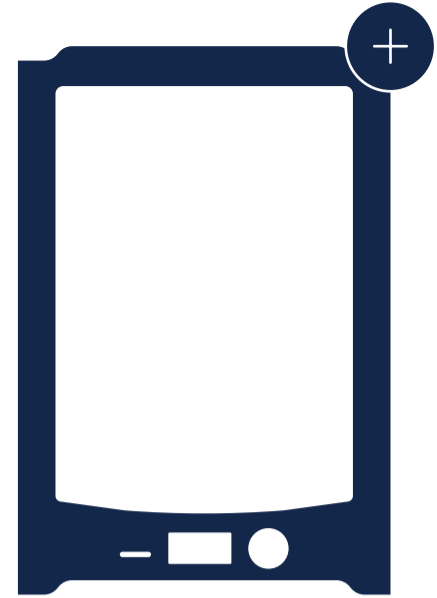


ULTIMAKER 2 EXTENDED



ULTIMAKER 2 EXTENDED+



PRINTER AND PRINTING PROPERTIES

Print technology
Print head
Build volume
Filament diameter
Layer resolution

X, Y, Z accuracy
Print head travel speed
Extrusion speed

Build plate
Supported materials
Nozzle diameter
Nozzle temperature
Build plate temperature
Nozzle heat up time
Build plate heat up time
Average operating sound
File transfer
Build plate leveling

Fused Filament Fabrication (FFF)
Single nozzle
223 x 223 x 305 mm
2.85 mm

0.4 mm nozzle: 200 to 20 micron

12.5, 12.5, 5 micron
30 to 300 mm/s

0.4 mm nozzle: up to 8 mm ³ /s

Heated glass build plate (20° to 100° C)
PLA, ABS, CPE (<i>Open Filament System</i>)*
0.4 mm
180° to 260° C
50° to 100° C
~ 2 minutes
< 4 minutes
50 dBA
Standalone 3D printing from SD card
Manual, assisted leveling process

Fused Filament Fabrication (FFF)
Swappable nozzle
223 x 223 x 305 mm
2.85 mm
0.25 mm nozzle: 150 to 60 micron
0.4 mm nozzle: 200 to 20 micron
0.6 mm nozzle: 400 to 20 micron
0.8 mm nozzle: 600 to 20 micron
12.5, 12.5, 5 micron
30 to 300 mm/s
0.25 mm nozzle: up to 8 mm³/s
0.4 mm nozzle: up to 16 mm³/s
0.6 mm nozzle: up to 23 mm³/s
0.8 mm nozzle: up to 24 mm³/s
Heated glass build plate (20° to 100° C)
PLA, ABS, CPE (<i>Open Filament System</i>)*
0.25, 0.4, 0.6, 0.8 mm
180° to 260° C
50° to 100° C
~ 1 minute
< 4 minutes
50 dBA
Standalone 3D printing from SD card
Manual, assisted leveling process

*Ultimaker printers can be used with third party filament. However for the best printing results we recommend you use Ultimaker PLA, ABS or CPE.

PHYSICAL DIMENSIONS

Dimensions (excluding bowden tube and spoolholder)
Dimensions (including bowden tube and spoolholder)
Nett weight
Shipping weight

357 x 342 x 488 mm
493 x 342 x 688 mm
12.2 kg
19.5 kg

357 x 342 x 488 mm
493 x 342 x 688 mm
12.3 kg
19.5 kg

POWER REQUIREMENTS

Input
Output

100 - 240 V
4 A, 50 - 60 Hz
221 W max.
24 V DC, 9.2 A

100 - 240 V
4 A, 50 - 60 Hz
221 W max.
24 V DC, 9.2 A

AMBIENT CONDITIONS

Operating ambient temperature
Nonoperating temperature

15° to 32° C
0° to 32° C

15° to 32° C
0° to 32° C

SOFTWARE

Print preparation
Supported OS
Supported file types

Cura - Official Ultimaker Software (free)
(prepared for nozzle size selection)
Mac OS X, Windows, Linux
STL, OBJ, DAE

Cura - Official Ultimaker Software (free)
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For more detailed information visit www.ultimaker.com

Ultimaker