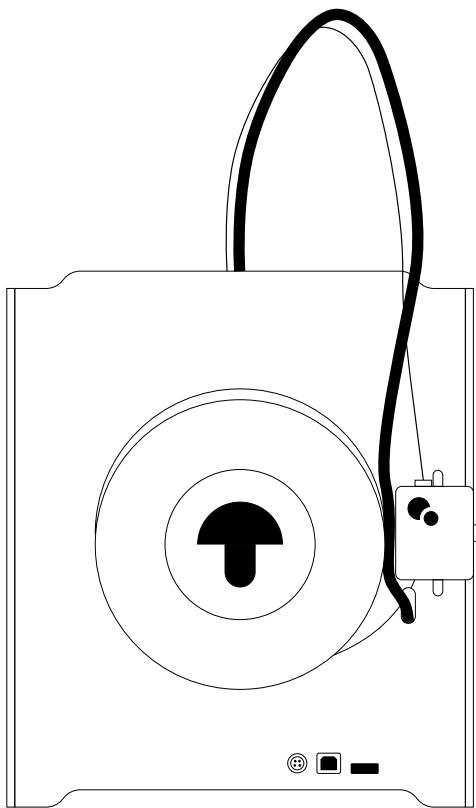
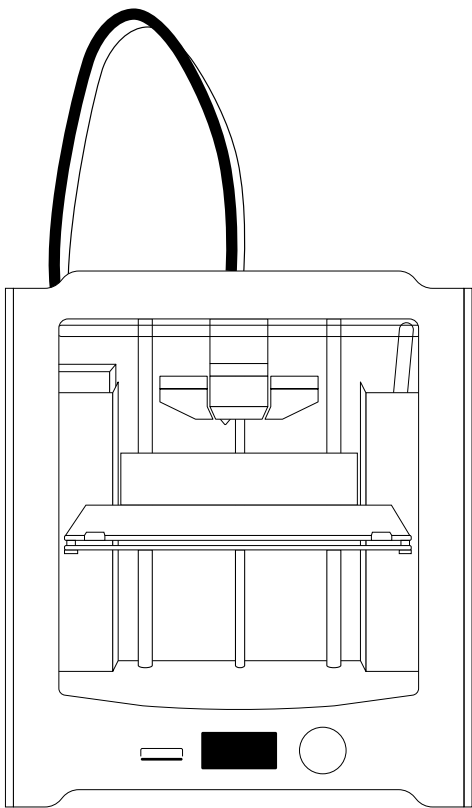


Ultimaker 2+

Specification sheet



Specifications

Printer and printing properties

Technology	Fused deposition modeling (FDM)
Print head	Single-extrusion print head with swappable nozzles
Build volume	223 x 223 x 205 mm
Filament diameter	2.85 mm
Layer resolution	0.25 mm nozzle: 150 to 60 micron 0.40 mm nozzle: 200 to 20 micron 0.60 mm nozzle: 400 to 20 micron 0.80 mm nozzle: 600 to 20 micron
XYZ accuracy	12.5, 12.5, 5 micron
Print head travel speed	30 to 300 mm/s
Build speed	0.25 mm nozzle: up to 8 mm ³ /s 0.40 mm nozzle: up to 16 mm ³ /s 0.60 mm nozzle: up to 23 mm ³ /s 0.80 mm nozzle: up to 24 mm ³ /s
Build plate	Heated glass build plate
Build plate temperature	50 - 100 °C
Build plate leveling	Assisted leveling process
Supported materials	PLA, ABS, CPE, CPE+, PC, Nylon, TPU 95A, and PP
Nozzle diameter	0.25, 0.40, 0.60, and 0.80 mm nozzles (included)
Nozzle temperature	180 - 260 °C
Nozzle heat up time	~ 1 minute
Build plate heat up time	< 4 minutes
Operating sound	50 dBA
Connectivity	Standalone 3D printing from SD card (included)

Physical dimensions

Dimensions	342 x 357 x 388 mm
Dimensions (with bowden tube and spool holder)	342 x 493 x 588 mm
Nett weight	11,3 kg
Shipping weight	18,5 kg
Shipping box dimensions	400 x 395 x 545 mm

Power requirements

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

Ambient conditions

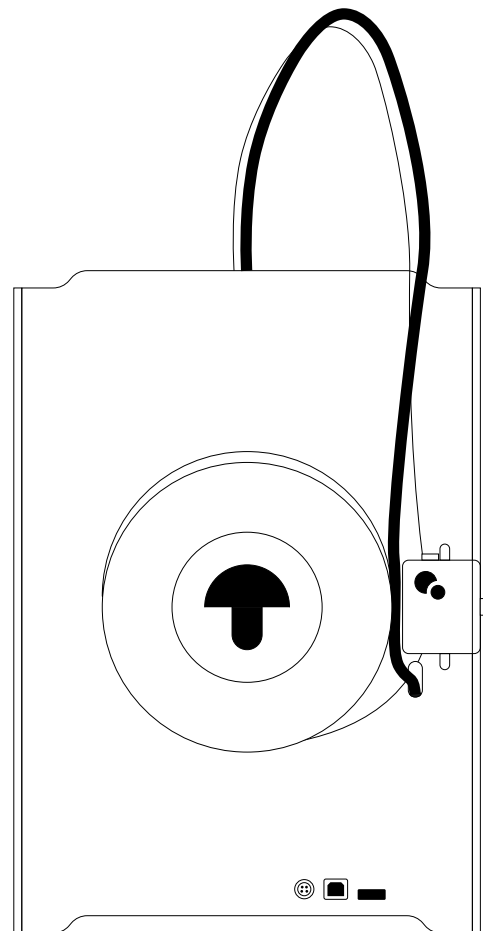
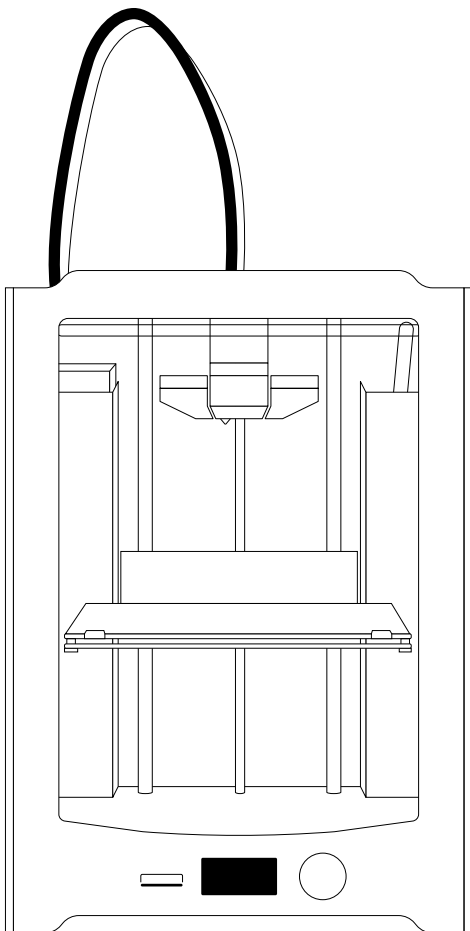
Operating ambient temperature	15 - 32 °C See material specifications for optimal conditions
Non-operating temperature	0 - 32 °C

Software

Supplied software	Cura, our free print preparation software
Supported OS	MacOS, Windows, and Linux
File types	STL, OBJ, X3D, and 3MF G and GCODE BMP, GIF, JPG, and PNG

Ultimaker 2 Extended+

Specification sheet



Specifications

Printer and printing properties

Technology	Fused deposition modeling (FDM)
Print head	Single-extrusion print head with swappable nozzles
Build volume	223 x 223 x 305 mm
Filament diameter	2.85 mm
Layer resolution	0.25 mm nozzle: 150 to 60 micron 0.40 mm nozzle: 200 to 20 micron 0.60 mm nozzle: 400 to 20 micron 0.80 mm nozzle: 600 to 20 micron
XYZ accuracy	12.5, 12.5, 5 micron
Print head travel speed	30 to 300 mm/s
Build speed	0.25 mm nozzle: up to 8 mm ³ /s 0.40 mm nozzle: up to 16 mm ³ /s 0.60 mm nozzle: up to 23 mm ³ /s 0.80 mm nozzle: up to 24 mm ³ /s
Build plate	Heated glass build plate
Build plate temperature	50 - 100 °C
Build plate leveling	Assisted leveling process
Supported materials	PLA, ABS, CPE, CPE+, PC, Nylon, TPU 95A, and PP
Nozzle diameter	0.25, 0.40, 0.60, and 0.80 mm nozzles (included)
Nozzle temperature	180 - 260 °C
Nozzle heat up time	~ 1 minute
Build plate heat up time	< 4 minutes
Operating sound	50 dBA
Connectivity	Standalone 3D printing from SD card (included)

Physical dimensions

Dimensions	342 x 357 x 488 mm
Dimensions (with bowden tube and spool holder)	342 x 493 x 688 mm
Nett weight	12,3 kg
Shipping weight	19,5 kg
Shipping box dimensions	400 x 395 x 645 mm

Power requirements

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

Ambient conditions

Operating ambient temperature	15 - 32 °C See material specifications for optimal conditions
Non-operating temperature	0 - 32 °C

Software

Supplied software	Cura, our free print preparation software
Supported OS	MacOS, Windows, and Linux
File types	STL, OBJ, X3D, and 3MF G and GCODE BMP, GIF, JPG, and PNG