# **SPECIFICATIONS**

#### **PRINTER AND PRINTING PROPERTIES**

Print technology	Fused Filament Fabrication (FFF)
Print head	Swappable nozzle
Build volume	223 x 223 x 305 mm
Filament diameter	2.85 mm
Layer resolution	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
X, Y, Z accuracy	12.5, 12.5, 5 micron
Print head travel speed	30 to 300 mm/s
Extrusion speed	0.25 mm nozzle: up to 8 mm <sup>3</sup> /s
	0.4 mm nozzle: up to 16 mm³/s
	0.6 mm nozzle: up to 23 mm <sup>3</sup> /s
	0.8 mm nozzle: up to 24 mm <sup>3</sup> /s
Build plate	Heated glass build plate (20° to 100° C)
Supported materials	PLA, ABS, CPE (Open Filament System)*
Nozzle diameter	0.25, 0.4, 0.6, 0.8 mm
Nozzle temperature	180° to 260° C
Build plate temperature	50° to 100° C
Nozzle heat up time	~ 1 minute
Build plate heat up time	< 4 minutes
Average operating sound	50 dBA
File transfer	Standalone 3D printing from SD card
Build plate leveling	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.

## WARRANTY

The Ultimaker 2 Extended+ comes with a 1 year warranty (excluding the hot end) and free lifetime support.

Learn more about our services on the warranty page at www.ultimaker.com/warranty

### PHYSICAL DIMENSIONS

Dimensions (excluding bowden tube and spoolholder)	357 x 342 x 488 mm	
Dimensions (including bowden tube and spoolholder)	493 x 342 x 688 mm	
Nett weight	12.3 kg	
Shipping weight	19.5 kg	

#### **POWER REQUIREMENTS**

Input	100 - 240 V
	4 A, 50 - 60 Hz
	221 W max.
Output	24 V DC, 9.2 A
AMBIENT CONDITIONS	
Operating ambient temperature	15° to 32° C
Nonoperating temperature	0° to 32° C
SOFTWARE	
Print preparation	Cura - Official Ultimaker Software (free)
	(propored for possile size coloction)

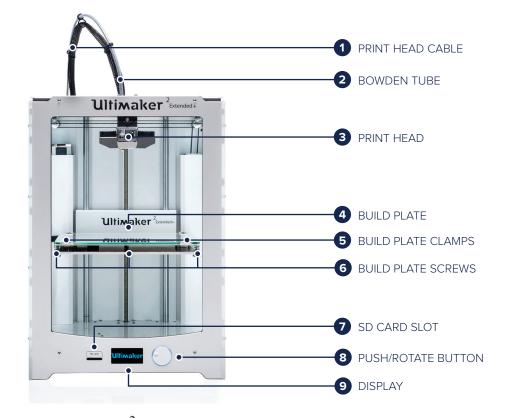
Supported OS
Supported file types

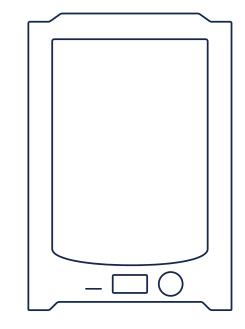
Cura - Official Ultimaker Software (free (prepared for nozzle size selection) Mac OS X, Windows, Linux STL, OBJ, DAE

#### CERTIFICATES

The Ultimaker 2 Extended+ has CE marking and is therefore in compliance with the essential requirements of the Machinery Directive, Electromagnetic Compatibility Directive, RoHS, RoHS II and Reach.

The official CE certificate can be downloaded here www.ultimaker.com/safety





# SPECIFICATION SHEET ULTIMAKER 2 EXTENDED+

