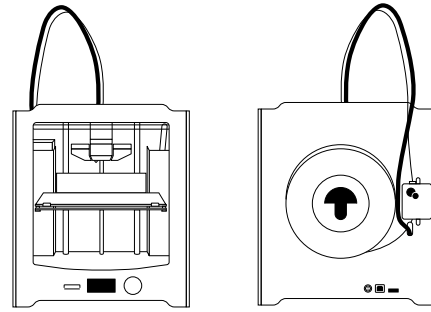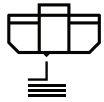# Ultimaker 2+

Specification sheet

The user-friendly Ultimaker 2+ combines high uptime with excellent print consistency. It's suitable for a limitless variety of applications, from functional protypes to customized tools. The Ultimaker 2+ supports a wide range of materials and delivers powerful, first-class results with every print.

Quality you can rely on
Engineered to perform, Ultimaker 2+ features a heated build plate, a geared feeder, and efficient cooling. These make it particularly effective for printing bridging and accurate details – enabling you to create the consistent results you need.

Market-leading software
Trusted by over 2 million users, Ultimaker Cura software prepares your 3D model for printing. Free to download, it features the optimal preconfigured settings for Ultimaker printers and materials, so that you get the best results instantly.

Optimized, professional materials
The Ultimaker 2+ supports a wide range of materials. These are specially formulated and tested by our engineers to ensure repeatable, industrial-grade prints. You can also test other materials with Ultimaker's open filament system.

Here to help you succeed
The Ultimaker 2+ comes with a one-year warranty and lifetime support from our trained and certified global network of partners. And if you have a question, our online resources and community are there for you 24/7.
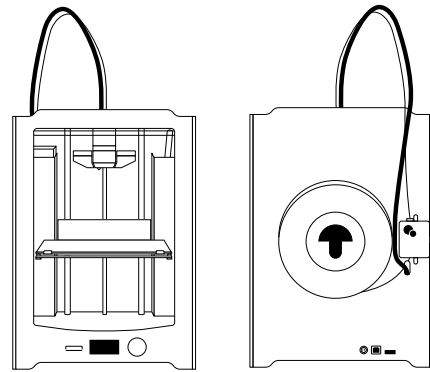
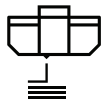Ultimaker

Ultimaker 2+ specifications

Printer and printing properties	Technology	Fused filament fabrication (FFF)
	Print head	Single extrusion print head with swappable nozzles
	Build volume	XYZ: 223 x 223 x 205 mm
	Filament diameter	2.85 mm
	Layer resolution	0.25 mm nozzle: 150 - 60 micron 0.4 mm nozzle: 200 - 20 micron 0.6 mm nozzle: 400 - 20 micron 0.8 mm nozzle: 600 - 20 micron
	XYZ resolution	12.5, 12.5, 5 micron
	Print head travel speed	30 - 300 mm/s
	Build speed	0.25 mm nozzle: < 8 mm^3/s 0.4 mm nozzle: < 16 mm^3/s 0.6 mm nozzle: < 23 mm^3/s 0.8 mm nozzle: < 24 mm^3/s
	Build plate	Heated glass build plate
	Build plate temperature	20 - 100 °C
	Build plate leveling	Assisted leveling
	Build plate heat time	< 4 min (from 20 to 60 °C)
	Supported materials	Optimized for: PLA, ABS, Nylon, CPE, CPE+, PC, PP, TPU 95A (Also supports third-party materials)
	Nozzle diameter	0.25, 0.4, 0.6, and 0.8 mm nozzles (included)
	Nozzle temperature	180 - 260 °C
	Nozzle heat up time	~ 1 min
	Operating sound	50 dBA
	Connectivity	Standalone 3D printing from SD card (included)
Physical dimensions	Dimensions	342 x 357 x 388 mm 342 x 493 x 588 mm (with Bowden tubes and spool holder)
	Net weight	11.3 kg
	Shipping weight	18.5 kg
	Shipping box dimensions	390 x 400 x 565 mm
Power	Required input	100 - 240 VAC / 50 - 60 Hz
	Maximum output	221 W
Ambient conditions	Operating ambient temperature	15 - 32 °C
	Non-operating temperature	0 - 32 °C
Software	Supplied software	Ultimaker Cura, our free print preparation software
	Supported OS	MacOS, Windows, and Linux
	Plugin integration	SolidWorks, Siemens NX, Autodesk Inventor
	File types	Ultimaker Cura: STL, OBJ, X3D, 3MF, BMP, GIF, JPG, PNG Printable formats: GCODE
Warranty	Warranty period	12 months
	Technical support	Lifetime support from Ultimaker's global network of certified service partners

Ultimaker 2 Extended+

Specification sheet

The user-friendly Ultimaker 2 Extended+ combines high uptime with excellent print consistency – on a larger scale. It's suitable for a limitless variety of applications, from functional protypes to customized tools. The Ultimaker 2 Extended+ supports a wide range of materials and delivers powerful, first-class results with every print.

Quality you can rely on
Engineered to perform, Ultimaker 2 Extended+ features a heated build plate, a geared feeder, and efficient cooling. These make it particularly effective for printing bridging and accurate details – enabling you to create the consistent results you need.

Market-leading software
Trusted by over 2 million users, Ultimaker Cura software prepares your 3D model for printing. Free to download, it features the optimal preconfigured settings for Ultimaker printers and materials, so that you get the best results instantly.

Optimized, professional materials
The Ultimaker 2 Extended+ supports a wide range of materials. These are specially formulated and tested by our engineers to create industrial-grade prints. You can also test other materials with Ultimaker's open filament system.

Here to help you succeed
The Ultimaker 2 Extended+ comes with a one-year warranty and lifetime support from our trained and certified global network of partners. And if you have a question, our online resources and community are there for you 24/7.

Ultimaker

Ultimaker 2 Extended+ specifications

Printer and printing properties	Technology	Fused filament fabrication (FFF)
	Print head	Single extrusion print head with swappable nozzles
	Build volume	XYZ: 223 x 223 x 305 mm
	Filament diameter	2.85 mm
	Layer resolution	0.25 mm nozzle: 150 - 60 micron 0.4 mm nozzle: 200 - 20 micron 0.6 mm nozzle: 400 - 20 micron 0.8 mm nozzle: 600 - 20 micron
	XYZ resolution	12.5, 12.5, 5 micron
	Print head travel speed	30 - 300 mm/s
	Build speed	0.25 mm nozzle: < 8 mm^3/s 0.4 mm nozzle: < 16 mm^3/s 0.6 mm nozzle: < 23 mm^3/s 0.8 mm nozzle: < 24 mm^3/s
	Build plate	Heated glass build plate
	Build plate temperature	20 - 100 °C
	Build plate leveling	Assisted leveling
	Build plate heat time	< 4 min (from 20 to 60 °C)
	Supported materials	Optimized for: PLA, ABS, Nylon, CPE, CPE+, PC, PP, TPU 95A (Also supports third-party materials)
	Nozzle diameter	0.25, 0.4, 0.6, and 0.8 mm nozzles (included)
	Nozzle temperature	180 - 260 °C
	Nozzle heat up time	~ 1 min
	Operating sound	50 dBA
	Connectivity	Standalone 3D printing from SD card (included)
Physical dimensions	Dimensions	342 x 357 x 488 mm 342 x 493 x 688 mm (with Bowden tubes and spool holder)
	Net weight	12.3 kg
	Shipping weight	19.5 kg
	Shipping box dimensions	390 x 400 x 665 mm
Power	Required input	100 - 240 VAC / 50 - 60 Hz
	Maximum output	221 W
Ambient conditions	Operating ambient temperature	15 - 32 °C
	Non-operating temperature	0 - 32 °C
Software	Supplied software	Ultimaker Cura, our free print preparation software
	Supported OS	MacOS, Windows, and Linux
	Plugin integration	SolidWorks, Siemens NX, Autodesk Inventor
	File types	Ultimaker Cura: STL, OBJ, X3D, 3MF, BMP, GIF, JPG, PNG Printable formats: GCODE
Warranty	Warranty period	12 months
	Technical support	Lifetime support from Ultimaker's global network of certified service partners