

9511		Bill of Material Ultimaker 3 extended		
Total quantity parts		443		
Part number		Name	Quantity	material
1011	E	Y-Linear Shaft	2	1.4034 (X46Cr13)
1012	E	X-Linear Shaft	2	1.4034 (X46Cr13)
1024	F	Limit Switch Black Short Wire	1	Multiple
1056	B	Sintered Bushing	4	FZ 2265
1069	C	Tube coupling collet	4	POM
1083	A	XY Motor Spacer Black 3,2x6x11	1	PA6 GF30
1155	G	Print Table Heated Bed Assembled	1	Multiple
1156	B	Z-Shaft Cap Bottom	2	PC ABS
1165	B	Timing Pulley 5mm Shaft	2	Alu
1166	C	Timing Pulley 8mm Shaft	8	Alu
1167	E	Timing Pulley Double 8 mm Shaft GT2	1	Alu
1168	C	Sliding Block Spring	4	DIN 17.223C / 1.1200, JIS G 3522
1170	C	Square Flanged Linear bearing LMK12LUU	2	Multiple
1172	B	Print Head Shaft X	1	1.4034 (X46Cr13)
1174	A	Spacer 8.2x10x8	4	PA6 GF30
1175	A	Spacer 8.2x10x3	2	PA6 GF30
1178	B	Spacer 8,2x10x25	1	PA6 GF30
1187	B	Trapezoidal Lead Nut	1	2.1090 (G-CuSn7ZnPb)
1188	A	Timing Belt GT2 200	2	chloropropene rubber/ glass fibre cords / nylon cloth teeth
1200	B	ISO 7380 M3X8	6	1.4301 (X5CrNi18-10)
1201	D	Washer M3	8	1.4301 (X5CrNi18-10)
1202	C	ISO 7380 M3x10	16	1.4301 (X5CrNi18-10)
1203	C	ISO 7380 M3x12	15	1.4301 (X5CrNi18-10)
1204	C	ISO 7380 M3x16	49	1.4301 (X5CrNi18-10)
1205	C	ISO 7380 M3x14	4	1.4301 (X5CrNi18-10)
1206	C	ISO 7380 M3x20	6	1.4301 (X5CrNi18-10)
1207	C	ISO 7380 M3x25	10	1.4301 (X5CrNi18-10)
1209	D	Nut M3	2	A2-70, AISI 304, SUS 304 or SUS302
1213	C	DIN 562 Square Nut M3 A2	39	1.4301 (X5CrNi18-10)
1214	B	ISO 7040 Nut M3 Prev. Torque A2	14	1.4301 (X5CrNi18-10)
1217	B	ISO 7380 rvs M4x10 A2	8	1.4301 (X5CrNi18-10)
1220	B	Ball Bearing F688-2RS	8	Multiple
1241	C	Motor Spacer	2	PA66
1244	B	Knob Front	1	ABS
1245	D	Knob Housing	1	PC
1252	D	Oled Display White	1	Multiple
1255	B	Sliding Block	8	ABS
1256	B	Build Platform Glass Retainer Back	2	1.4310 (X10CrNi18-8)
1266	D	Bowden Tube	2	PFA, Daikin AP-230
1279	D	Feeder Ring	2	1.4301 (X5CrNi18-10)
1287	B	Washer M7	1	1.4301 (X5CrNi18-10)
1288	B	Washer M6	3	1.4301 (X5CrNi18-10)
1292	A	DIN 7380 M3x6	2	1.4301 (X5CrNi18-10)
1294	B	Keep Hands Clear Sticker	1	Matte silver Polyester
1315	B	Jumper	2	Multiple
1354	B	Iso 724 Hex nut M7	1	1.4301 (X5CrNi18-10)
1363	D	Ferrite Core	2	Multiple
1479	B	Bearing Housing Middle	1	PA6
1480	B	Feeder Casing Part B-left	1	POM GF10
1481	B	Feeder Casing Part B-right	1	POM GF10
1482	B	Side Fan Bracket	1	PA6 GF30
1545	A	Spacer 3.2x6x3	2	PA 66 (FR3000)
1548	I	Ultimainboard	1	Multiple
1723	A	Display Rubber	2	Rubber

1733	A	Spacer 3,2x6x7	4	PA 66 (FR3000)
1761	A	Timing Belt S2M 616	4	chloropropene rubber/ glass fibre cords / nylon cloth teeth
1768	A	Sticker NFC Connector Slot On Wifi Cover	1	
1773	A	Sticker NFC Cable	1	
1776	B	Knurled Nut Print Bed	3	AISI 430F
1788	A	Spring DR2160	3	1.4310 (X10CrNi18-8)
1789	A	Ejot WN1452 2.5x6	2	Zinc plated steel
1822	B	Flow Sensor Cable Clip	2	ABS
1894	A	ESD Warning Sticker	1	Polyester
1901	C	Controler Electronics Cover	1	PC ABS V0
1902	C	Main Board Electronics Cover	1	PC ABS V0
1904	E	Wifi Cover	1	PC ABS V0
1907	G	Camera bracket	1	PA6 GF30
1944	F	Bottom Panel	1	Dibond
1945	F	Top Panel	1	Alu/PE/Alu
1948	A	Spacer 3.2x5x8	2	PA6 GF30
1952	N	Print Table Base Plate	1	3.3535-H111 (EN-AW 5754)
1953	D	Cable Clip	1	PA6 GF30
1960	I	Grip Axis	2	1.4305 (X8CrNiS18-9)
1961	B	Idler Spring	2	1.4310 (X10CrNi18-8)
1962	F	Tension Indicator	2	POM GF20
1963	O	Feeder casing Part A-left	1	POM GF10
1964	N	Feeder casing Part A-right	1	POM GF20
1967	N	Feeder lever part A	2	POM GF10
1968	K	Feeder lever part B	2	POM GF10
1969	G	Spur Gear 1M 11T	2	PA6 (TP4208)
1970	F	Spur Gear 1M 36T	2	PA6 (TP4208)
1972	E	Idler wheel	2	AISI 303
1973	B	Bearing Idler Wheel	2	1.4125 (X105CrMo17)
1974	B	Bearing Feeder Axis	4	Multiple
1976	E	Filament Guide Insert	2	POM GF10
1985	C	Diffuser Long	1	Makrolon 2802
1987	D	Table Clip Front-Left	1	1.4310 (X10CrNi18-8)
1988	D	Table Clip Front-Right	1	1.4310 (X10CrNi18-8)
1991	U	Bottom Plate	1	3.2315 (ALMgSi1)
1994	E	USB Ulticontroller board	1	Multiple
1998	E	USB Ulticontroller Cable	1	Multiple
2004	D	Wifi Board	1	Multiple
2007	E	Flat Wire Cable Olimex Interface Board	1	Multiple
2008	B	Antenna	1	Multiple
2010	D	WiFi-Olimex Cable	1	Multiple
2012	K	Print Head Board	1	Multiple
2014	D	Capacitive sensor cable	1	Multiple
2015	H	Capacitive sensor Board	1	Multiple
2017	A	Double Flat Cable 10 Wire	1	Multiple
2022	N	Bearing Housing Bottom	1	PA6 GF30 (K224-G6)
2025	I	Bearing Housing Top	1	PA6 GF30%
2037	A	DIN912 M2.5x4	1	1.4301 (X5CrNi18-10)
2039	A	DIN912 M2.5x25	1	1.4301 (X5CrNi18-10)
2043	A	DIN125A PA6 M3 ring	2	PA 6.6
2048	B	Din 914 M4x4 Set Screw	11	1.4301 (X5CrNi18-10)
2050	G	Nozzle switching bay	1	POM (M90-44)
2069	E	Header Cable Clip	4	POM (M90-44)
2076	A	Hex Standoff M2,5 x12	1	PA6
2078	A	Thermal conductive pad Olimex	1	Thermal conductive silicon
2082	B	Camera Cover	1	PA6 GF30 (K224-G6)
2108	K	Front Fan Bracket	1	AISI 304
2113	F	Front Fan Cover	1	PA6 GF30
2116	H	Lifting Ring	1	POM (M90-44)

2117	G	Lifting Switch	1	POM (M90-44)
2123	A	Linear Bearing LMKW6 Double	1	1.3505 (100Cr6)
2128	A	Linear Bearing LMK6 Short	1	1.3505 (100Cr6)
2130	B	Lifting ring spring DR1300	1	1.4301 (X5CrNi18-10)
2131	B	Printhead bowden tube exit	1	AISI 303
2133	C	Axial fan 35x35x10	1	Multiple
2135	B	Radial fan 35x35x10	2	Multiple
2136	F	Hot End Magnet	4	Neodymium GSN-50
2137	A	Clamp clip white	4	POM
2138	G	Lifting Ring Bottom	1	POM (M90-44)
2139	A	Front Fan Magnet	2	Neodymium GSN-35
2142	A	DIN 912 M2.5x8	1	AISI 316 Annealed Stainless Steel Bar (SS)
2144	C	DIN912 M2.5x75	4	Zinc Alloy 7: AG40B: Zn-4Al-0.015Mg
2147	D	Print Head Shaft Y 6h5	1	1.4034 (X46Cr13)
2151	E	Print Head Cable Cover	1	PA6 GF30%
2152	A	Hex socket head remform screw 2.5 x 6	8	Steel Class 8.8
2153	A	DIN 912 M2.5x35	1	1.4301 (X5CrNi18-10)
2154	D	Thermal Conductive Pad	1	
2158	B	Foam Tape	2	Cellular rubber EPDM / PVC Foam
2161	C	Silicone Nozzle Cover	1	Silicon
2163	A	Magnetic Field Conductor	2	1.4104 (X14CrMoS17)
2180	C	Cable Cover	2	PC ABS V0
2181	B	Print Table Back Cover	1	PC ABS V0
2182	H	Back Panel UM3 XTD	1	Dibond
2183	F	Left Panel UM3 XTD	1	Perpex Frost
2184	I	Right Panel UM3 XTD	1	Perpex Frost
2185	F	Front Panel UM3 XTD	1	ALU/PE/ALU
2186	A	Feeder Motor	2	Multiple
2187	B	Print Head Cable	1	Multiple
2188	A	Diffuser Long	1	Makrolon 2802
2189	C	Diffuser Short	1	Makrolon 2802
2191	B	RGBW LED Strip	1	Multiple
2192	B	Heated Bed Cable	1	Multiple
2193	A	Limit Switch Blue Wire	1	Multiple
2194	A	Limit Switch Red Wire	1	Multiple
2195	A	XY Motor	2	Multiple
2196	B	Filament Detection Cable	2	Multiple
2201	G	Z-Linear Shaft	2	1.4034 (X46Cr13)
2202	B	Z-Motor with Trapezoidal Lead Screw	1	Multiple
2242	A	Camera Micro USB	1	Multiple
2243	A	Camera cable Micro USB	1	Multiple
2585	D	Olimex Board A20-lite-1001021	1	Multiple
2867	B	Threaded Insert Multisert 004M3	4	2.0401 (CuZn39Pb3)
9428	A	Ultimaker Print Core AA 0.40	2	subassembly
9429	A	Ultimaker Print Core BB 0.40	1	subassembly