

Project North Star Kit (v3.1)				Issued on 2020-03-24 by smart-prototyping.com				
Group	No.	Part Name	Qty per Kit	Leap Motion Part Number	Kit A	Kit B	Kit C	
Electronic & Optics	1	Project North Star Single-Piece Combiner Set (v3.1SPC)	1	~#500-001Ǵ-002	√	√	√	
	2	Project North Star Display (3.5 inch, 1440x1600 pixels, 120fps)	2	#700-002	√	√	√	
	3	Project North Star Display Driver Board	1	#800-001	√	√	√	
Mechanical Parts (excl. 3D Printed Parts)	4	Spring Left (0.304-in OD Torsion Spring 180 Deg. L-Hand Wound)	1	#630-001	√	√	√	
	5	Spring Right (0.304-in OD Torsion Spring 180 Deg. R-Hand Wound)	1	#630-002	√	√	√	
	6	M2.5x0.45 6mm Long Steel Flat Head Screw 90 Deg CS	28	#640-001	√	√	√	
	7	M4x0.7 20mm Steel Button Head Socket Screw	2	#640-002	√	√	√	
	8	M2x8mm Long Thread-Forming Screws for Plastic	36	~#650-001	√	√	√	
	9	M4x0.7mm Zinc Plated Nylon Insert Hex Lock Nut	2	#660-001	√	√	√	
	10	8x16x2mm Rubber Washer	2	~#670-001	√	√	√	
	11	M2.5x0.45 3.4mm Long Heat-Set Insert for Plastics	21	#690-001	√	√	√	
	12	3x10x165mm 6061 Aluminum Bar Slide (Pre-Drilled & Threaded)	2	~#900-005	√	√	√	
	13	Gen 2 Welding Headgear	1	~#900-001	√	√	√	
	14	Foam Forehead Padding (Pre-Cut)	1	~#900-003	√	√	√	
	15	2mm Thick Self-Stick Anti-Skid Rubber 3M Tape (Pre-Cut)	4	~#900-002	√	√	√	
	3D Printed Parts	16	Slide Endcap	2	#110-002		√	√
		17	Left Display Tray - 75cm Focal	1	~#111-001		√	√
		18	Right Display Tray - 75cm Focal	1	~#112-001		√	√
19		Left Display Tray - 25cm Focal	1	~#111-002		√	√	
20		Right Display Tray - 25cm Focal	1	~#112-002		√	√	
21		Left Rotation Adjustment Slide Mount	1	#113-001		√	√	
22		Right Rotation Adjustment Slide Mount	1	#114-001		√	√	
23		Forehead Rest Base Shape	1	#115-001		√	√	
24		Simplified Optics Main Body	1	~#130-001		√	√	
25		Modular Lid - Electronics Cover	1	#130-002		√	√	
26		Modular Lid - Cable Restraint Left	1	#130-003		√	√	
27		Modular Lid - Cable Restraint Right	1	#130-004		√	√	
28		Modular Lid Sensor Mount - Blank Mounting Plate	1	#130-005		√	√	
29		Modular Lid Sensor Mount - Structure Core & Intel RealSense T265 Compatible	1	---		√	√	
30		Simplified Driver Board Mount	1	#131-001		√	√	
31		Simplified DP Port Holder	1	#131-002		√	√	
32		Forehead Main Structure	1	#210-001		√	√	
33		Forehead Headgear Span	1	#210-002		√	√	
34		Forehead Hinge Cap	2	#210-003		√	√	
35		Forehead Hinge Base	2	#210-004		√	√	
36		Rear Hinge Base	2	#220-001		√	√	
37		Rear Hinge Cap	2	#220-002		√	√	
38		Left Side Main Span With Slide Brake	1	#230-001		√	√	
39		Left Brake Housing	1	#230-002		√	√	
40		Left Brake Button	1	#230-003		√	√	
41		Right Side Main Span With Slide Brake	1	#240-001		√	√	
42		Right Brake Housing	1	#240-002		√	√	
43		Right Brake Button	1	#240-003		√	√	
44		USB Cable Enclosure Top	1	---		√	√	
45		USB Cable Enclosure Bottom	1	---		√	√	
Hand Tools		46	Screw Drivers (Phillips, Torx, Hex/Allen)	1	---	√	√	√
		47	Sculpture Knife (+2 Extra Blades)	1	---	√	√	√
	48	Wire Snips	1	---	√	√	√	
Cables	49	DP to Mini DP Cable 1m	1	---	√	√	√	
	50	DP to Mini DP Cable 3m	(1)	---	√	√	√	
	51	USB 3.1 A Male to Female Extension Cable 1m	1 or 2	---	1	1	2	
	52	USB 3.1 A Male to Female Extension Cable 3m	(1 or 2)	---	(1)	(1)	(2)	
	53	Micro USB Cable 0.5m	1	---			1	
	54	USB Power Adapter Board (USB A Male to Display Driver Header)	1	---	√	√	√	
	55	Project North Star Display Driver Debug Adapter	1	---	√	√	√	
Premium Accesories	56	Custom Rugged Carrying Case (42x30x30cm)	1	---		√	√	
Other Labor Items	101	Packing & QC	1	---	√	√	√	
	102	Adding Heat Set Inserts	1	---		√	√	
	103	Assembling of Your Kit	1	---			√	
	104	Calbration of Your Kit	1	---			√	