

Deck X Project North Star Kit

Issued on 2020-08-20
by Combine Reality in Partnership
with Smart-Prototyping.com

Group	No.	Part Name	Qty per Kit	Kit A	Kit B	Kit C	Upgrade Kit	Rebuild Kit
Mechanical Parts (excl. 3D Printed Parts)	1	Spring Left (0.304-in OD Torsion Spring 180 Deg. L-Hand Wound)	1	√	√	√		
	2	Spring Right (0.304-in OD Torsion Spring 180 Deg. R-Hand Wound)	1	√	√	√		
	3	M2.5x0.45 6mm Long Steel Flat Head Screw 90 Deg CS	14	√	√	√	√	√
	4	M2.5x0.45 5mm Long Button Head Socket Screw	16	√	√	√	√	√
	5	M4x0.7 20mm Steel Button Head Socket Screw	2	√	√	√	√	√
	6	M4x0.7 Zinc Plated Nylon Insert Hex Lock Nut	2	√	√	√	√	√
	7	M2 8mm Long Thread-Forming Screws for Plastic	25	√	√	√	√	√
	8	M1.4 6mm Long Thread-Forming Screws for Plastic	4	√	√	√	√	√
	9	8x16x2mm Rubber Washer	2	√	√	√		
	10	M2.5x0.45 3.4mm Long Heat-Set Insert for Plastics	24	√	√	√		√
	11	3x10x165mm 6061 Aluminum Bar Slide (Pre-Drilled & Threaded)	2	√	√	√		
	12	Gen 2 Welding Headgear	1	√	√	√		
	13	Foam Forehead Padding (Pre-Cut)	1	√	√	√		
	14	Thin Foam for Forehead Padding (Pre-Cut)	1	√	√	√		
	15	Thin Foam for Facial Interface (Pre-Cut)	1	√	√	√		
	16	2mm Thick Self-Stick Anti-Skid Rubber 3M Tape (Pre-Cut)	4	√	√	√		
	17	Zip Ties	10	√	√	√	√	√
3D Printed Parts	Main Assembly	18	Deck X Optics Bracket (Project North Star 3.2 Compatible)	1		√	√	
		19	Left Display Tray - 75cm Focal Depth	1		√	√	
		20	Right Display Tray - 75cm Focal Depth	1		√	√	
		21	Left Display Tray - 25cm Focal Depth	1		√	√	
		22	Right Display Tray - 25cm Focal Depth	1		√	√	
		23	Left Rotation Adjustment Slide Mount	1		√	√	
		24	Right Rotation Adjustment Slide Mount	1		√	√	
		25	Forehead Rest Base Shape	1		√	√	
	Headgear Assembly	26	Forehead Main Structure (Low-Profile)	1		√	√	
		27	Forehead Headgear Span	1		√	√	
		28	Forehead Hinge Cap	2		√	√	
		29	Forehead Hinge Base	2		√	√	
		30	Rear Hinge Base	2		√	√	
		31	Rear Hinge Cap	2		√	√	
		32	Left Side Main Span With Slide Brake	1		√	√	
		33	Left Brake Housing	1		√	√	
		34	Left Brake Button	1		√	√	
		35	Right Side Main Span With Slide Brake	1		√	√	
		36	Right Brake Housing	1		√	√	
		37	Right Brake Button	1		√	√	
		38	Slide Endcap	2		√	√	
	Deck X Additions	39	Deck X D-Pad	1		√	√	
		40	Deck X Button 1	1		√	√	
		41	Deck X Button 2	1		√	√	
		42	Deck X Lid (T261 Version)	1		√	√	
		43	Deck X Leap Motion Controller Mounting Spacer	1		√	√	
		44	Mounting Bracket for North Star Integrator (T261 Version) (PETG w/ Carbon Fiber)	1	√	√	√	
	3D Printed Parts for 3.1 Upgrade Kit	45	3.1 Upgrade D-Pad	1				
		46	3.1 Upgrade Button 1	1				(√)
		47	3.1 Upgrade Button 2	1				
		48	3.1 Upgrade Lid (T265 Version)	1 of 2				(1 of 2)
		49	3.1 Upgrade Lid (T261 Version)					
		50	Mounting Bracket for North Star Integrator (T265 Version)	1 of 2				
		51	Mounting Bracket for North Star Integrator (T261 Version) (PETG w/ Carbon Fiber)					1 of 2

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North Star Classic Electronics & Optics	52	North Star Optical Combiner Set	1	√	√	√			
	53	North Star Display (3.5 inch, 1440x1600 pixels, 120fps)	2	√	√	√			
	54	North Star Display Matte Overlay (1 pair)	1	√	√	√			
	55	North Star Display Driver Board	1	√	√	√			
	56	North Star Display Driver Debug Adapter	1	√	√	√			
	57	North Star Power Stabilizer	1	√	√	√	√	√	
	58	USB Power Adapter Board (for supplemental power if necessary)	1	√	√	√			
Deck X Specific Electronics	59	North Star Integrator (USB Hub System w/ Integrated Arduino and Flash Drive)	1	√	√	√	√	√	
	60	Leap Motion Controller to Integrator Ribbon Adapter (Micro USB to Ribbon)	1	√	√	√	√	√	
	61	Integrator Ribbon Adapter (NOVASTACK to Ribbon) to Intel RealSense T261 (incl. Ribbon Cable)	1	√	√	√	1 of 2	√	
	62	Micro USB 3 to Ribbon Adapter for Intel RealSense T265 (incl. Ribbon Cable)							
	63	Zio Qwiic 6 Button Board (incl. Jumper Wire + Qwiic Cable)	1	√	√	√	√	√	
	64	Mini Fan (with custom 5cm cable)	1	√	√	√	√	√	
Leap Motion Controller	67	Leap Motion Controller	1	(√)	(√)	√	(√)	(√)	
Intel RealSense T261 + Accessories	68	Intel RealSense T261	1	(√)	(√)	√	(√)	(√)	
Accessories for Intel RealSense T261	69	Heat Sink Set (3 pcs, 14 x 14 x 6mm)	1	√	√	√	(√)	√	
	70	Thermal Grease (0.5g Syringe)	1						
	66	USB C to Intel RealSense T261 Adapter Bundle							
	65	Micro USB 3 to Intel RealSense T261 Adapter Bundle							
Cables	DP	71	Mini DP to Mini DP Cable 1.5m (5 feet)	1	1 of 2	1 of 2	1 of 2	0 or 1 of 2	0 or 1 of 2
		72	Mini DP to Mini DP Cable 3m (10 feet)	1					
		73	Male DP to Female Mini DP Adapter	1	√	√	√	(√)	(√)
	USB	74	USB 3.1 Male A to Male C 1.5m (5 feet)	1	1 of 2	1 of 2	1 of 2	0 or 1 of 2	0 or 1 of 2
		75	High Quality USB 3.1 Male A to Male C 3m (10 feet)	1					
		76	USB 3.1 Y-Cable (2 Male A to 1 Female A)						
Basic Hand Tools	77	Screwdrivers (1 Phillips, 1 Hex/Allen)	1	√	√	√	√	√	
Premium Hand Tools	78	Screwdriver Set (42 Screwdriver Heads)							
	79	Sculpture Knife (+2 Extra Blades)							
	80	Wire Snips							
Premium Accesories	81	Deck X Rugged Carrying Case (32x28x20cm) (with Shoulder Strap)	1	(√)	(√)	√			
Limited Edition Blow Out	82	Project North Star Rugged Carrying Case (42x30x30cm)							
Labor Items	83	Packing & QC	1	√	√	√			
	84	Adding Heat Set Inserts	1		√	√			
	85	Assembling of Your Kit	1			√			
	86	Calbration of Your Kit	1			√			

Notes:
 √ : Included
 (√) : Optional (Included if Selected by User)
 X of Y : X of Y is Included Based on User Selection