
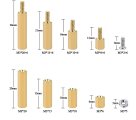








Summary







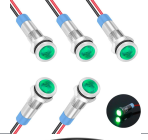
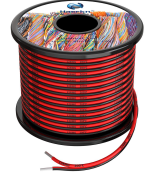
Parts
35

Parts Cost
\$1,389.64


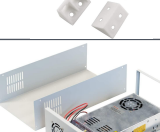
LOM

Project		Part						
Qty	Use	Image	Manufacturer	Model / ISIN	Description	Link	Unit Cost	Cost
1	Magnets to hold devices on the backboard		Smartake	is054d	SMARTAKE 10-Pack Neodymium Round Base Cup Magnets, 30LBS Strong Rare Earth Magnets with Heavy Duty Countersunk Hole and Stainless Screws for Refrigerator, Craft, Home, Office - 1.26" x 0.2" (Black)	<link>	\$18.99	\$18.99
1	Standoffs to attach to magnets to hold devices		Csdtylh	00018	Csdtylh 360 Pcs M3 Male-Female Brass Spacer Standoff & Stainless Steel Screw Nut Assortment Kit	<link>	\$13.88	\$13.88
1	Metal backboard to mount devices		LOSTRONAUT	MTLBRD175121	Magnetic Metal Board 17.5" x 12" - Magnet Bulletin Vision Memo Board Includes 10 Push Pin Magnets and Hanging Hardware Kit for Easy Installation	<link>	\$19.99	\$19.99
1	Stick to magnets to help it no slide down when vertical		COSIMIXO	B08Q8GW9PN	4" x 35Ft Heavy Duty Anti Slip Tape for Stairs Outdoor/Indoor Waterproof Grip Tape Safety Non Skid Roll for Stair Steps Traction Tread Staircases Non Slip Strips Black	<link>	\$15.75	\$15.75
1	Screws to hold standoffs to the magnets		binifiMux	B08N5XDHMW	binifiMux 360pcs M3 x 4mm/ 6mm/ 8mm/ 10mm/ 12mm/ 16mm / 20mm Black Countersunk Flat Head Phillips Machine Screws and Hex Nuts Kit	<link>	\$9.33	\$9.33
1	Wireless USB module		EDUP	EP-AC1651	EDUP LOVE Nano USB WiFi Adapter 650Mbps Wireless Network Adapter for Notebook Desktop PC Laptop MacBook Mini Size 2.4G/5GHz Wi-Fi Dongle Compatible with Windows 10/7/8/9	<link>	\$11.99	\$11.99
1	Computer/server		MeLE		MeLE Quieter2Q Fanless Mini PC Window11 Pro Celeron J4125 8GB/128GB Small Desktop Computer Support M.2 SSD up to 4TB, Dual HDMI 4K Output, BT4.2, 2.4G/5.8G Wi-Fi, USB, Ethernet Port, VESA Mount	<link>	\$220.99	\$220.99
1	Flexible 6 conductor cable for communication and power		Striveday	Stranded-wire	Striveday 22 AWG 6 conductor wire Power Cable Audio Cable Signal Line (Red & Black & yellow & white & green & orange) 33ft UL certification	<link>	\$22.99	\$22.99

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1	Thumb screw nut for the switch patch panel		sds sciew	B0773SG82S	Solid Brass Knurled Thumb Nuts Lock Nuts for Wheels Super S Round and Round Super Deal Pack Knurled Thumb Knurled Nuts Thumb Nut Brass 10-24 (25 Pcs) Super Deal Shop	<link>	\$40.26	\$40.26
1	Flexible 2 conductor cable		TZMOIK	2464	22 Gauge 2 Conductor Electrical Wire 22AWG Electrical Wire Stranded PVC Cord Oxygen-free copper Cable 32.8 FT/10M Flexible Low Voltage LED Cable for LED Strips Lamps Lighting Automotive(22/2AWG-32.8FT)	<link>	\$11.99	\$11.99
1	Misc machine screws with nuts and washers.		BoltsandNuts.com	B07WGHMYSG	#6#8#10 Phillips Pan Head Machine Screws Bolts Flat & Split Washers & Hex Nuts Assortment Set	<link>	\$131.21	\$131.21
1	Mounting tape to hold bigger devices in place		BRAVESHINE	B07CBT5FVP	Heavy Duty Mounting Tape Double-Side Reclosable Hook Loop Strips Tape Sticky Fastener Waterproof Indoor Outdoor Use for Holds Picture Frame and Tools (15Pack, 2x10cm)	<link>	\$10.79	\$10.79
1			Monoprice	2288	Monoprice 102288 Cat6 Ethernet Patch Cable - Network Internet Cord - RJ45, Stranded, 550Mhz, UTP, Pure Bare Copper Wire, 24AWG, 1ft, Black	<link>	\$9.59	\$9.59
1	Wire management	 <small>No need to consider the size of wiring because it's split and easy to install wires. self-wrap strongly based on itself and can be wrapped to various sizes.</small>	Alex Tech	Sr1inblack10ft	Alex Tech 10ft - 1 inch Cord Protector Wire Loom Tubing Cable Sleeve Split Sleeving For USB Cable Power Cord Audio Video Cable - Protect Cat From Chewing Cords - Black	<link>	\$12.99	\$12.99
1	Output relay indicators		Smseace	DQ-6P-G-12	smseace 5PCS Green AC/DC12-24V LED Indicator Lights 1/4"(6mm) Waterproof Flat Head Indicator Signal Lamp with 150mm Cable Length Metal LED Indicator Light	<link>	\$12.99	\$12.99
1	Power supply to power control module wiring		Haerkn	B07RV6Q7ND	12 Gauge Electrical Wire 2 Conductor Parallel Silicone Wire 30ft [Black 15ft Red 15ft] 12 awg Flexible Extension Cable Cord Stranded Tinned Copper Wire Hookup Model Battery Cable Lead Wire High Temp	<link>	\$22.98	\$22.98



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1	DB9 adapter for switch		KINGDEE	KAD9D90001-S-2	DB9 null modem male to female slimline data transfer serial port adapter 2 Pack	<link>	\$8.19	\$8.19
1	Black spray paint for the switch plexiglass panel		Rust-Oleum	249127	Rust-Oleum 249127 Painter's Touch 2X Ultra Cover, 12 Oz, Flat Black	<link>	\$4.58	\$4.58
1	US powered fans for air circulation		GDSTIME	B08SK7GN6F	GDSTIME 2-Pack 50mm USB Fans, 5V Brushless DC Cooling Fan for Projector Humidifier Aromatherapy Small Appliances Series Replacement	<link>	\$10.99	\$10.99
1	DC power supply controller		UCTRONICS	RD6006	UCTRONICS RD6006 DC Variable Bench Power Supply Module, 6A 360W Constant Voltage Current Stabilized Regulator, Adjustable Step Down Converter with Intelligent Temperature-Controlled Fan	<link>	\$64.99	\$64.99
1	Brackets to hold lower plexiglass cover.		JCBIZ	WLSBPFCBJ-20x32-24	JCBIZ 24pcs 20x32mm White L Shape Bracket Plastic Furniture Corner Brace Joint with Color Plated Self-Tapping Screw for Right Angle Corner Joints of Drawers, Windows, Frames, Cabinet	<link>	\$8.99	\$8.99
1	DC power supply		UCTRONICS	B08N64XLR4	UCTRONICS 400W AC to DC Power Source and Case, Switching Power Supply Constant Voltage Stabilized Regulator and CNC Housing Bundle for rides, B08N64XLR4, B08N64XLR4	<link>	\$69.99	\$69.99
1	Plexiglass to create the switch patch panel and the lower divider.		NIUBEE	NBPN-0171	NIUBEE Acrylic Sheet 18x24 Inches (2 Pieces), 1/8 Inch Thick Clear Plexiglass Plastic Perspex Plate Panel for Sign, Photo Frame, Craft,DIY Display Projects	<link>	\$47.99	\$47.99
2	DC power distribution board		OONO	D-1384D	DC Power Fuse Distribution Strip Module (6 Position, Screw Mount)	<link>	\$28.00	\$56.00

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1	Case to hold all the devices		Condition 1	H839BKFNONEAC1	Condition 1 Large Waterproof Hard Travel Case Heavy-Duty Protective Portable Storage Box, Camera, Tool, Hunting, Military Tactical Watertight Cases, 25" x 20" x 8"#839 Black	<link>	\$159.99	\$159.99
1	Switch console cable		CableCreation	CD0488	USB to RS232 Adapter with PL2303 Chip 3.3 FT, CableCreation USB 2.0 to RS232 Female DB9 Serial Converter Cable for Cashier Register, Modem, Scanner, Digital Camera, CNC, IM, Black	<link>	\$10.99	\$10.99
1	Managed POE switch to connect all network devices in the kit		Cisco	SF302-08P	Cisco SF302-08P SRW208P-K9 V02 8-Port 10/100 PoE Managed Switch	<link>	\$155.00	\$155.00
1	Power strip with long extension cord to power the kit		TESSAN	TS-TPM10	Surge Protector Flat Plug with 9.8 Ft Extension Cord, TESSAN USB Power Strip with 10 Widely Spaced AC Outlets and 3 Charging Ports, 1875W/15A, 1700 Joules, Wall Mount Outlet Strip for Home, Office	<link>	\$29.49	\$29.49
1	AWG 22 ferrule for cable ends		XHF	B07H29ZTPX	XHF 1000 PCS AWG 22 Ferrule Crimper Plier Insulated Crimp Pin Terminal Cord End Terminals, Wire Ferrules Terminals, Wire Connector, Insulated Cord Pin End Terminal 0.225mm² White	<link>	\$8.79	\$8.79
1	Keyboard and mouse for the kit		Logitech	K400	Logitech Touch Keyboard K400	<link>	\$9.99	\$9.99
1	Monitor for the kit		Elecrow	SF101	Elecrow 10.1 Inch Raspberry Pi Screen 1920X1080p HDMI VGA Portable Monitor IPS Gaming Screen Compatible with Raspberry Pi 4B/3B+/3B Windows 7/8/10 (Not Touch Version)	<link>	\$134.99	\$134.99
1	DC power supply controller housing		Otdorpatio	B08NIDD5WJ	Otdorpatio Project Box ABS Plastic Black Electrical Boxes IP65 Waterproof DIY Electronic Junction Box Power Enclosure 7.87 x4.72 x2.95 inch (200x120x75 mm)	<link>	\$7.99	\$7.99

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1	Latching switches for input simulation		Cylewet	CYT1091	Cylewet 12Pcs 12mm Self-Locking Latching Push Button Switch (Pack of 12) CYT1091	<link>	\$6.99	\$6.99
1	Non-latching switches for input simulation		Cylewet	CYT1092	Cylewet 12Pcs 12mm SPST NO Reset Switch Push Button Switch (Pack of 12) CYT1092	<link>	\$6.99	\$6.99