

New network setup checklist

Plan for your physical location, security needs and hardware requirements when setting up your small business network



PHYSICAL LOCATION

- All cables will be within 300 feet of the IT closet
- Closet space is dedicated to IT
- Closet can be locked, and access can be managed
- Office or space has a drop ceiling for easy cable installation access
- A power outlet is located within 10 inches of cabinet
- A grounding bar is near the cabinet
- IT closet HVAC is on its own zone, or a minisplit HVAC unit is in place
- A backer board is installed
- Locations of all drops identified on a floor plan



ORDER AHEAD

- Internet service contract is in place and install date is scheduled.
- IT equipment has been ordered and an estimated ship date is available



SCHEDULE

- Coordination with necessary contractors is in place
- Weekly check-in is established with all contractors, project managers and executive staff

Small network installation products and tools

Part SKU	Item	Amount	Cost
SRWO12US2	Tripp Lite Wallmount Open Frame Rack 12U	1	\$425.68
SRCABLEDUCT2UHD	Tripp Lite Rack Enclosure Horizontal Cable Manager	1	\$107.75
N252-P24	Tripp Lite Cat6 24-Port Patch Panel PoE+ Compliant	1	\$79.99
N222-01K-BL	Tripp Lite 1000ft Cat6 600MHz Gigabit Bulk	3	\$863.31
N238-025-WH	Tripp Lite Cat6 Punch Down Keystone 25-Pack	1	\$74.70
N080-101	Tripp Lite Single-Gang 1-Port Wall Plate Keystone Cat6	24 @ 3.88/ea	\$93.12
N201-S01-BK	Tripp Lite Cat6 UTP Patch Cable	24 @ 2.59/ea	\$62.16
B110-SP-POE-1	Tripp Lite Surge Protector In-Line PoE	1	\$71.70
SRSHELF2P1USHRT	Tripp Lite SmartRack Cantilever Shelf	1	\$48.70
TRX-1U-M1A	Rack Mount Kit for Cisco Meraki MX64 and MX67	1	\$103.99
MX67-HW	Meraki MX67 Network Security/Firewall	1	\$419.53
LIC-MX67-SEC-1YR	Meraki Advanced Security + 1 Year	1	\$420.41
MS120-24P-HW	Meraki MS120-24P Ethernet Switch - 24 Ports	1	\$2,322.91
LIC-MS120-24P-1YR	Meraki Enterprise + 1 Year	1	\$102.06
SCL500RM1UC	APC by Schneider Electric Smart-UPS 500VA	1	\$566.40
MR36-HW	Meraki MR36 Wireless Access Point	1	\$417.58
LIC-ENT-1YR	Meraki Enterprise +1 Year	1	106.37
Lowes/Home Depot	Supplies Estimate	1	\$220
Total	Ballpark Budget		\$6,506.36

Tool list

- Drills
- Saws
- Screwdrivers
- Socket and wrench set
- Level
- Electrical tool set
- Punch down tool
- Network wire striper
- Continuity tester
- Ethernet toner

Lowes or Home Depot supplies

- ¾ birch ply board
- Liquid Nails (securing the backboard to the wall)
- Tapcons or lag bolts/washers (securing the backboard to the wall)
- Lag bolts or screws (securing the cabinet to the wall backerboard)
- Grounding bar and wire (for grounding the cabinet and external devices)
- Electrical supplies if DIYing a mini split