

Mounting and power: room checklist

Pages 1 and 2 are for one room. Print a set for every room. Pages 3 onward are done once for the whole office.

Room: _____ Floor / area: _____ Checked by: _____ Date: _____

The order matters. Pick the spot, measure it, and test a mount there before anyone pays to run wires. A mount that doesn't fit after the cable is in the wall is the expensive mistake this sheet exists to prevent.

Each "go / no-go" box is a stop. If the answer is no, go back a step.

1 Pick the spot

Stand in the hallway where people will look for it.

- ☐ Outside the room, on the handle side of the door
- ☐ Not behind the door when it swings open, and not where carts or elbows will hit it
- ☐ Clear of light switches, door trim, signs, fire alarm pulls and strobes, and thermostats
- ☐ Out of direct sun; no heater, radiator, or vent right next to it
- ☐ Wi-Fi works at the exact spot: stand there with a phone and load a web page
- ☐ Wall type: ☐ drywall ☐ glass ☐ brick or concrete ☐ other _____
Glass and masonry need specific mounts or anchors.
- ☐ Nearest outlet is _____ ft away ☐ none nearby On a light switch? ☐ yes ☐ no

2 Measure the space

- ☐ iPad model and generation (Settings › General › About): _____
- ☐ Center of the screen about 48 in (122 cm) off the floor. Mark it with painter's tape.
- ☐ Mount size from its spec sheet: _____ W × _____ H in
- ☐ Space available: _____ W × _____ H in, with about 2 in clear on every side
- ☐ Tape the outline of the mount on the wall. Leave it up a day; see if anyone walks into it or objects.

Go / no-go: the spot works and the mount fits on paper. ☐ Go ☐ No: back to step 1

Room: _____

Floor / area: _____

3 Choose the power path for this room

Easy: an outlet within about 10 ft that isn't on a light switch, and a cable you can hide. Power over Ethernet (PoE): no outlet nearby, a renovation already happening, or you want no visible cord. Most offices pick one path for every room.

- ☐ Easy path (outlet and cable) ☐ PoE path (one Ethernet cable powers the iPad)
- ☐ PoE path: Ethernet run needed from the closet to this spot. Label for this run: _____
- ☐ PoE path: spare run for this room? ☐ yes ☐ no

4 Test the mount in this room

Use the one test mount from office step A (page 3). Don't order a mount for every room yet.

- ☐ Held the test mount at the taped spot with the iPad in it
- ☐ The door opens fully and nothing hits the mount
- ☐ Readable from about 10 ft; reachable to tap "Book now"
- ☐ Room behind the mount for the cable (Easy) or the PoE adapter (PoE)

Go / no-go: it physically fits and works where we pictured it. ☐ Go ☐ No: back to step 1 or 2

When every room sheet has a "Go" here, move to office step B (page 3).

5 Install day for this room

After the office pages are done: wiring approved and installed, gear bought.

- ☐ PoE path: this room's run is labeled and tested, and the switch port is lit
- ☐ Easy path: charger plugged in, cable run straight down in a painted cord cover
- ☐ Adapter or cable behind the mount; mount on the wall and level
- ☐ iPad in the mount and charging (lightning bolt on the battery icon)
- ☐ Bored Room set up with the guide that fits you: boredroom.space/setup.html
- ☐ Locked to the app with Guided Access or Single App Mode
- ☐ Checked from 10 ft away. Done. This room is "boring" now.

Mounting and power

Everything here is done one time for all rooms: the test mount, the installer, the quote, and the gear.

Office: _____ Number of rooms: _____ Owner: _____

A Order one test mount

Do this before step 4 on the room sheets. Buy one, not ten. Match your exact iPad model before ordering. Our pick is Heckler Design; your budget may vary.

- ☐ Ordered one mount: _____ Price: \$ _____
- ☐ Arrived; tested in every room (room sheet step 4)

B Tally the room sheets

Room	Fits? (step 4)	Path (step 3)	Run label	Spare run?

Total iPads: _____ PoE rooms: _____ Easy-path rooms: _____. All Easy path? Skip to step F.

C Call an installer for a walk-through (PoE path)

A low-voltage cabling installer or an electrician. Ethernet is low-voltage, so in most places it doesn't need a licensed electrician, but many electricians do it. Have them walk every room before they quote.

- ☐ Called _____ Walk-through on _____
- ☐ Read them this:

"I need to run low-voltage Ethernet (Cat6) from our network closet to [number] conference rooms. Each run should end in a low-voltage bracket next to the door, about 48 inches off the floor, behind a wall-mounted iPad. Please label and test each run."

- ☐ Gave them the room tally from step B, with the run labels
- ☐ Asked for a spare run per room, if it's cheap while they're there
- ☐ Asked for a low-voltage bracket (a "mud ring"), not a full electrical box
- ☐ Asked them to label both ends and test every run
- ☐ Asked what adding an outlet at the same spots would cost instead, for comparison
- ☐ Confirmed a free outlet in the network closet for the PoE switch (and a battery backup)

D Compare: Ethernet vs. new outlets

A new outlet is new high-voltage wiring through a finished wall, often with a permit. An Ethernet run is low-voltage cable through the ceiling, and one switch in the closet powers every room. Real power usually costs two to three times as much. Fill in their numbers next to ours.

Item	Typical (rough)	Their quote	× rooms	Total
Ethernet run, installed	\$100–\$250 per room			
PoE+ switch (once) Size it with the chart on the last page	\$100–\$250+		1	
PoE+ to USB-C adapter	\$40–\$150 each			
PoE total				
New outlet in a finished wall	\$400–\$2,000 per room			
Outlet total				

Rough numbers from published pricing as of October 2026. Your building and your city will have opinions.

E Get the spec and the quote in writing

- ☐ Itemized: price per run, cable type (Cat6), brackets, terminations, labeling, testing
- ☐ Where each run ends in the closet (patch panel, or straight to the switch)
- ☐ Permit needed? ☐ yes ☐ no Start date _____ Done by _____
- ☐ Quote total: \$ _____

Go / no-go: wiring approved. ☐ Approved by _____ on _____ ☐ Not approved: use the Easy path

F Buy the rest of the gear

Only now. Same mount model you tested.

- ☐ The remaining mounts (_____ more)
- ☐ **PoE path:** a PoE+ switch for the closet (we like PoE Texas), sized with the **PoE sizing chart on the last page**. Total iPads: _____ Switch needs _____ PoE+ ports and _____ W
- ☐ **PoE path:** one PoE+ (802.3at) to USB-C adapter per iPad, about 25 W. Plain PoE (802.3af) is too slow for a full-size iPad.
- ☐ **PoE path, optional:** a small battery backup (UPS) for the switch
- ☐ **Easy path:** per room, a 20 W USB-C charger, a 10 ft braided USB-C cable, and a paintable cord cover
- ☐ Then: install day, room by room (room sheet step 5)

PoE sizing chart

Use this before you buy the switch. Every switch box lists two numbers: **how many PoE+ ports** it has and its **total PoE power budget** in watts. Both must meet or beat the row for your iPad count. Count every iPad that will hang off this one switch, across all rooms.

iPads to power	PoE+ ports needed	Power budget needed	Buy a switch with at least
1–2	2	60 W	4 PoE+ ports, 65 W
3–4	4	120 W	4–8 PoE+ ports, 120 W
5–6	6	180 W	8 PoE+ ports, 180 W
7–8	8	240 W	8 PoE+ ports, 240 W
9–12	12	360 W	16 PoE+ ports, 370 W
13–16	16	480 W	16–24 PoE+ ports, 480 W
17–24	24	720 W	24 PoE+ ports, 740 W, or two smaller switches

The math: 30 W per iPad at the switch. PoE+ (802.3at) reserves up to 30 W per port, and about 25 W of that reaches the iPad after the cable. Using 30 W leaves the headroom built in.

Ports and watts are separate limits. An 8-port switch with a 120 W budget powers only 4 iPads. The other 4 ports work for data but sit unpowered.

"PoE" is not "PoE+." Every port powering an iPad must be PoE+ (802.3at), or PoE++ (802.3bt), which also works. Plain PoE (802.3af) charges a full-size iPad too slowly to keep up.

Uplink: the switch also needs one regular port (or an uplink port) to connect to your network. Most PoE switches have one extra for this.

Single-port injectors power one iPad each. Fine for one or two rooms; past that, one switch is cheaper and tidier.

Example: 8 conference rooms, one iPad each. You need 8 PoE+ ports and 240 W. A "4-port, 65 W" switch would light up 2 of them. Buy an 8-port PoE+ switch rated 240 W or more.

Full guide with mount picks: boredroom.space/mounting.html · Stuck? Email boredroom@bacstech.io with a photo of the wall and we'll talk it through, by email or on a quick remote call.