

Church Broadband Recommendations

In 2015 the Federal Communications Commission (FCC) raised the minimum speed for an internet system to be considered “broadband” from 4 Mbps (Megabits per second) to 25 Mbps (for downloads), and from 1 Mbps to 3 Mbps (for uploads).

As such, we recommend that your church have internet that is at least capable of 25 MBps for download/3 Mbps for upload.

However, this is not enough speed to provide an enjoyable Wi-Fi experience to your congregation if you decide to provide Wi-Fi access to them.

You should consider creating a public and private Wi-Fi network, so that you can allow your guests to access the public Wi-Fi while still reserving the private network so that any online elements that you need for your service are still accessible even if your congregation is putting a heavy load on the public Wi-Fi network. Doing this requires having commercial grade equipment and expertise or two internet service providers.

Home Mesh Wi-Fi system for small congregations

<https://smile.amazon.com/dp/B01L9O08PW>

Business Mesh Wi-Fi for mid-size congregations

<https://smile.amazon.com/NETGEAR-AC3000-Business-System-Wireless/dp/B074NCBVR8>

Some helpful links:

Networks for Churches 101: <http://www.rythechurchtechguy.com/networking-for-church-101-routers-wireless-and-tons-more/>

Broadband Speed Guide: <https://www.fcc.gov/reports-research/guides/broadband-speed-guide>

Protecting Against Malicious Code: <https://www.us-cert.gov/ncas/tips/ST18-271>