



//Lower Antioch Web Development

David Salas, Isaac Loredó, Erick Jimenez, Gustavo
Bartolini, Carlos Coca

What service we will address:

- Provide state of the art equipment to a company that has requested our services.
- Match them with the best internet service provider in their area to best suit their needs.
- The employees of said company will be developing web sites on a daily basis, and we need to provide sufficient hardware and support for them.

Service Provider:

- Internet Service Provider: Xfinity



Wireless Gateway Overview and Feature Comparison

- Wireless Gateway 1
- Wireless Gateway 2 and 3
- xFi Wireless Gateway
- xFi Advanced Gateway
- Wireless Gateway models include:
 - Wireless Gateway 1 (model numbers TG862G and TC8305C)
 - Wireless Gateway 3 (model number TC8717C)
 - Xfinity xFi Wireless Gateway (model numbers DPC3939, DPC3941T, and TG1682G)
 - xFi Advanced Gateway (model numbers TG3482G and CGM4140COM)



Product Features	Wireless Gateway 1 (Model Numbers: TG852G, TG862G, TC8305C)	Wireless Gateway 3 (Model Number: TC8717C)	xFi Wireless Gateway (Model Numbers: DPC3941T, DPC3939, TG1682G)	xFi Advanced Gateway (Model Number: TG3482G, CGM4140COM)
Four Total Gigabit Ethernet Ports	Yes	Yes	Yes	No (2)
Dual Band WiFi	No	Yes	Yes	Yes
Maximum Data Throughput	150 Mbps	700 Mbps	700 Mbps (275 Mbps for DPC3939)	1 Gbps
WPS (WiFi Protected Setup)	Yes	Yes	Yes	Yes
Gateway and Network Management Tool (http://10.0.0.1)	Yes	Yes	Yes	Yes
Xfinity xFi Eligible	No	No	Yes	Yes
RDK-B	No	No	Yes	Yes
Two Total Telephone Ports	Yes	Yes (separate Alarm Port)	Yes (separate Alarm Port)	Yes
Battery Backup Capability (Xfinity Voice Only)	Yes	Yes	Yes	Yes

Eligible for an xi5 Device	No	No	Yes (excluding DPC3939)	Yes
Link Cordless Phones (CAT-iq 2.0*)	No	Yes	Yes	Yes
Home Hotspot Capable	Yes	Yes	Yes	Yes
Compatible with Xfinity Home	Yes	Yes	Yes	Yes

Wireless Home Network



Feature	Definition	5 G H z	2. 4 G H z	More Information
Faster Speed	Speed is the rate of data transmission, or bandwidth	X		5 GHz is better for applications requiring high-bandwidth like streaming video.
Less WiFi Interference	Interference disrupts the WiFi signal from the wireless gateway	X		Generally, less interference will improve your WiFi device's speed.
Better WiFi Range	Range is the distance between the wireless gateway and your WiFi device		X	The further away your WiFi device is from your wireless gateway, the weaker the WiFi signal. Generally, 2.4 GHz signals travel farther than 5 GHz signals.

Hardware/Computers to be used

- Employees will use a
 - It comes with Windows 10 Pro, therefore it makes hosting a LAN easier

How will the employees Communicate?

- We will provide a LAN in order for the employees to keep in touch by sharing files seamlessly.

