

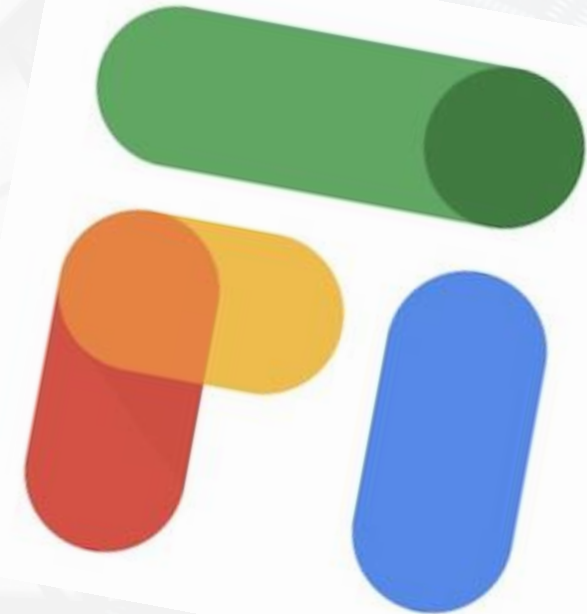


Google Fi

**Grand Computers Club  
New Technologies SIG  
April 18, 2019**

# Topics

- **Overview**
- **Equipment**
- **Service options**
- **Pros and cons**
- **FAQs**
- **Other useful sites**
- **Questions**



# Overview

## What is Google Fi?

- Google Fi is technically what's known as an MVNO, or mobile virtual network operator.
- Fi uses a combination of T-Mobile, Sprint, and U.S. Cellular. When you use Google Fi with a phone that's designed for the service, it's able to seamlessly switch you between those networks based on which one has the strongest service at any given moment.

[Computerworld](#)

# Overview

## What about Wi-Fi?

- Anytime you're in range of a publicly available Wi-Fi network that Google has determined to be "high-quality and reliable", your Fi phone will switch over to that instead of your regular mobile network.
- Fi automatically encrypts your data anytime it's connected to a network in that manner, using a special Google-provided virtual private network (VPN)

[Computerworld](#)

# Overview

## What about full-time VPN?

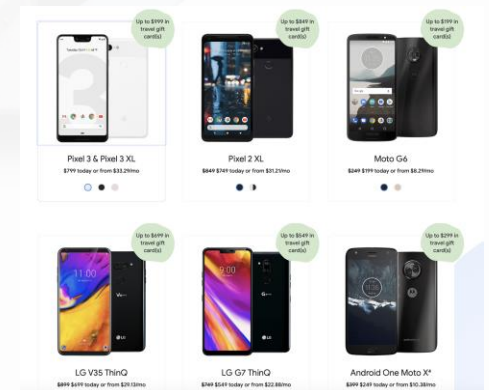
- Google just announced a new feature that enables that for phones designed for Fi and running [Android 9 Pie](#).
- With Fi's new built-in encryption option, VPN is provided directly by Google and bundled into your basic wireless service. Rest easy knowing all your data will always be encrypted, no matter where you are or what sort of network you're using.

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# Equipment

## Fully supported devices:

- Current phones designed for Fi are Pixels, Moto G7, Moto G6, LG G7 ThinQ, LG V35 ThinQ, and Android One Moto X4. They are built to support multiple cellular networks, and have a state-of-the-art cellular radio tuned to work across network types.



# Equipment

## Other supported devices:

- Other Android phones and iPhones do not have the same network switching technology but still get many of the other benefits of the plan.
- For other Android and iPhones, a SIM chip is available for free from Google, or \$10 from Best Buy with a \$10 rebate.



# Service Options

## Coverage

- Google Fi offers cellular coverage across three leading networks (T-Mobile, Sprint, and U.S. Cellular) and Wi-Fi hotspots, with a phone designed for Fi. Phones that are not designed for Fi but are still compatible with Fi have nationwide access to the T-Mobile network.





# Service Options

## Pricing

- You'll pay just \$20/mo to get unlimited domestic talk and text, unlimited international texts, and access to cellular coverage in 200+ countries and destinations. You can also add up to 5 more people to your plan for just \$15/person/mo.

### Byte by Byte

Comparing wireless plan prices.

● Price higher than Google ● Same or less than Google

GB:	1	2	3	4	5	6	7	8	9	10
<b>GOOGLE</b>	\$30	\$40	\$50	\$60	\$70	\$80	\$90	\$100	\$110	\$120
<b>AT&amp;T</b>	\$50		\$65			\$95				\$115
<b>VERIZON</b>	\$45	\$60	\$75	\$85		\$85		\$100		\$115
<b>SPRINT*</b>	\$45	\$50		\$65				\$85		
<b>T-MOBILE**</b>	\$50		\$60		\$70					

Note: Monthly pricing includes unlimited talking and texting, but doesn't include cost of a phone

\* Sprint offers an unlimited data plan for \$60 a month (\$50 with an iPhone 6/6 Plus). \*\*T-Mobile has an unlimited plan for \$80 a month.

Source: the companies

THE WALL STREET JOURNAL.

# Service Options

## Pricing

- Data costs \$10 for each GB used until [Bill Protection](#) kicks in. After that, your data is free for the rest of your billing cycle. Members using phones designed for Fi also save money every month with the ability to jump onto Wi-Fi hotspots for talk, text, and data. You can estimate your Google Fi bill [here](#).

# Service Options

## Pricing

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# Pros & Cons

## Pros

- Project Fi is cheap
- No fee for cancelling early
- No annual service contract
- Automatic switching for fully supported phones
- Same data rates and free unlimited texts abroad
- Automatic encryption when using public Wi-Fi
- VPN included



# Pros & Cons

## Cons

- Small number of fully-supported phones
- Limited to 3 or 1 cellular network provider(s)
- iPhones and Samsung Galaxy phones are not fully-supported



# FAQs

## Does it cost extra to use my phone as a Wi-Fi hotspot?

- Google Fi does not charge any extra fees to use your phone as a Wi-Fi hotspot. You can use your phone as a Wi-Fi hotspot to share your data with any Wi-Fi-compatible device. That data will count toward your monthly usage.

frequently

asked questions

# FAQs

## Is Bill Protection an unlimited plan?

Think of Bill Protection as an unlimited plan with added flexibility. With Bill Protection you'll get unlimited data when you need it without paying for it when you don't.

If you're an individual, that means in the months when you need 8 GB of data, you'll automatically enjoy unlimited data after you use 6 GB. But in months when you only need 2 GB of data, you'll only pay for the 2 GB of data you've actually used.

If you use more than 15 GB of data in a cycle (less than 1% of individual Fi users as of Jan. 2018), you'll experience slower speeds above 15 GB with Bill Protection.

# Other Sites & Videos

- [What is Google Fi and how does it work?](#)
- [Should you switch to Project Fi? These are the pros and cons](#)
- [Google Fi \(aka Project Fi\): The complete FAQ](#)
- [Fi coverage map](#)
- [Have questions? We've got answers.](#)
- [Google Fi stops selling Android One Moto X4, LG G7, and V35](#)







# Next Meeting

# Vehicle Automation

**Thursday, May 16, 2019**

**3:30-5:00pm**

**Computer Club Classroom**

**Chaparral Center**



# Questions

