

NEWS

What is 5G Home Internet ?

Carriers are starting to offer home internet packages that rely on 5G cellular data service. We'll help you decide if it's right for you.

Sick of slow, expensive, or unreliable internet service? You probably are. Internet service providers (ISPs) came second to last in a study of customer satisfaction by industry in the US last year. For most folks, internet service comes into the house via cable, and choices are limited. But with mobile carriers rolling out fast, low-latency 5G networks, that is changing. For some people, 5G home internet could be a viable alternative to traditional broadband. Carriers are starting to offer 5G home internet packages as they look to recoup the costs of upgraded networks, and that could finally mean some real competition for ISPs. If you're wondering what 5G home internet is, how it compares to broadband, and whether it might be for you, we have all the answers you seek.

What Does 5G Mean?

5G is a global wireless standard, and it stands for fifth generation. Mobile carriers have been rolling out the fifth generation of cellular networks over the past few years. Compared with the previous generation (4G), 5G opens up unused radio frequencies at the high end of the spectrum. You can read our guide to 5G to learn

more, but in simple terms, 5G is faster, has lower latency, and can handle more connected devices.

What Is 5G Home Internet?

5G home internet is an alternative to traditional broadband. Instead of running a cable into your home to connect to the internet, you connect to the 5G cellular network wirelessly with a fixed receiver inside or outside your home. You will use a SIM card and have a service contract, just like you do for your phone. You'll still need a modem and router to convert the incoming signal into Wi-Fi and spread it around your home.

What About 4G Home Internet?

Some carriers already offer 4G LTE home internet, and some offer a mix of 4G and 5G. Both work the same way and require a receiver, but 5G allows faster speeds and lower latency. Theoretical speeds go beyond 10 Gbps with 1 millisecond of latency, but real-world performance around 1 Gbps is more common. A gigabit is enough for 5G to compete with broadband. 4G LTE typically maxes out at 100 Mbps but is often slower in the real world.

KTSM-TV

KVIA-TV

KRWG-TV

KBNA-AM/FM & KAMA-AM

KHEY-AM/FM, KPRR-FM & KTSM-AM/FM

KLAQ-FM, KISS-FM & KRQD-AM

KPAS-FM-
ALGIE A. FELDER CSBE

KINT98.COM
INTERNET RADIO NETWORK

BURST COMMUNICATIONS
INC.- KIRK BASEFSKY

JOHN LACKNESS

ENTRAVISION
COMMUNICATIONS

SCMS, INC.-

ABS ADVANCED BROADCAST
SERVICES, LLC

KSCE-TV

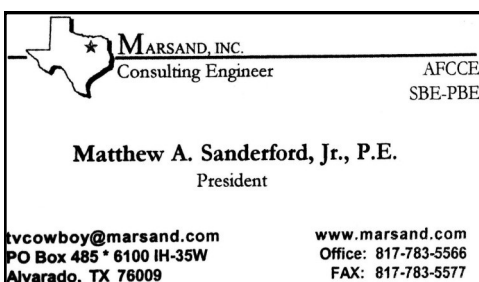
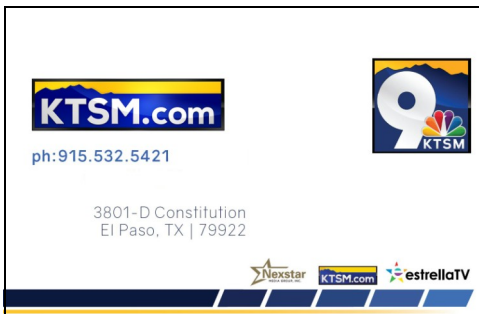
RF Specialties of Texas

KCOS-TV

KELP-AM
ARNOLD McClatchy.

MARSAND, INC.

Ho Tah Say. LLC



Is 5G Home Internet Better Than Broadband?

The short answer is no. The longer answer is that it depends. If you have fiber optic cable to your house, you can enjoy super fast wired internet, but if you rely on copper cable, your internet speed will be limited. The proximity of an exchange and internet demand in your area will also impact the speeds you get. Some folks lack a cable connection, but remote areas typically don't have great 5G coverage. If you have solid 5G coverage in your area but internet service is poor or expensive, 5G home internet might be a better choice.

What Are the Advantages of 5G Home Internet?

5G home internet has a few advantages over wired broadband, but there are three big ones:

- Since there is no need for a physical cable, installation of 5G home internet tends to be much easier, and you can likely set it up yourself without an engineer visit.
- If you have good 5G coverage in your area, you can likely enjoy fast speeds, certainly much faster than old copper cables can provide.
- 5G home internet service might be cheaper than wired internet. Some carriers offer discounts and incentives to add 5G home internet service to your existing mobile plan.

CONTINUE IN PAGE 5

SBE CHAPTER 38 OFFICERS

CHAIRMAN

Antonio Castro
SBE member # 11456.
KFOX/COX retired Chief Eng.
800 Arredondo dr.
El Paso, TX 79912
915-584-1220 home
915-525-8507 cell
farahjac@sbcglobal.net

VICE CHAIRMAN

Bruno Cruz
SBE member # 25867
200 E. Alto Mesa
El Paso, TX. 79912
915-757-7898
915-526-1842 cell
Bruno.cruzJR@kfoxtv.com

TREASURER

Walter Hanthorn
SBE member # 18307
KSCE TV
4461 Gen. Maloney
El Paso, TX. 79924
915-269-7583 home
915-532-8588 office

CERTIFICATION COMMITTEE:

David Halperin.

MEMBERSHIP COMMITTEE:

Antonio Castro
Warren Reeves

FREQUENCY COORDINATION COMMITTEE:

Warren Reeves
Owen Smith

SCHOLARSHIP COMMITTEE:

Rick Vilardell

WEB SITE COMMITTEE:

Norbert Miles

SUSTAINING MEMBERSHIP:

Antonio Castro

PROGRAM CHAIRMAN:

Warren Reeves

NEWSLETTER:

Antonio Castro

EAS CHAIRMAN:

Michael Rivera

EXECUTIVE COMMITTEE:

Antonio Castro
Bruno Cruz
Walter Hanthorn



ABS
Advanced Broadcast Services LLC
Providing world class engineering and tower services to the broadcast and telecommunications industries.

David Grice
President

915-308-1227
4774 Villa Hermosa Dr
El Paso, TX 79912
www.AdvancedBroadcastServices.com
Dgrice@AdvancedBroadcastServices.com

KPAS-FM
INSPIRATIONAL / GOSPEL RADIO
LISTEN TO 103.1 MHZ. ON YOUR FM DIAL

Christian Radio in Stereo

Algje A. Felder
General Manager

P.O. Box 371010
El Paso, TX 79937
915/851-3382

NM STATE **KRWG**
PUBLIC MEDIA

n p r

KLAQ KROD
95.5FM 600AM

BRAD DUBOW
GENERAL MANAGER

4180 N.Mesa El Paso, Tx 79912
(915) 544-9550

iHeart MEDIA

Walter Alvarez
Market President | El Paso
iHeartMedia

4045 N Mesa Street
El Paso, TX 79902

o 915.351.5473
m 915.201.7627

walteralvarez@iheartmedia.com

EL PASO, TX SBE CHAPTER 38 MEETING MINUTE

DATE 04/9/2024

LOCATION: KFOCTV/KDBCTV

MEETING CALLED TO ORDER: 12:00 PM, BY ANTONIO CASTRO. WE WERE 23 (TWENTY THREE) ATTENDANTS AND 2 ZOOM PRESENTERS.

REPORT OF THE SECRETARY: MINUTES ON APRIL 2024 NEWSLETTER. ACCEPTED BY MARIO JIMENEZ, SECONDED BY NORBERT MILES.

REPORT OF THE TREASURER: \$ 3,498.65 IN THE BANK. ACCEPTED BY MARIO JIMENEZ, SECONDED BY JACOB LOCKWOOD.

REPORT OF THE CERTIFICATION COMMITTEE: MICHAEL RIVERA IN THE PROCESS TO GET CBNT AND CBRE CERTIFIED.

REPORT OF THE MEMBERSHIP COMMITTEE: ELIAS VENTANILLA TO INVITE "TELEMUNDO 48" AS SUSTAINING MEMBER.

REPORT OF THE FREQUENCY COORDINATOR COMMITTEE: **NO REPORT**

REPORT OF THE SCHOLARSHIP COMMITTEE: DEFINED TO HAVE ONE 1K GRANTED THIS YEAR.

REPORT OF THE WEBSITE COMMITTEE: NOW 4900 VS. 4861 EQUAL 39 HITS.

REPORT OF THE EAS CHAIRMAN: TEXAS MONTHLY TEST CAME FINE, NEW MEXICO TEST EXPECTED TODAY.

REPORT OF THE PROGRAM COMMITTEE: ALAN JERMAGIAN AND BILL PORTER FROM 360 SYSTEMS MADE THE PRESENTATION.

NEW BUSINESS OR ANY ITEMS FOR THE CHAPTER INTEREST :: WILL START PROCESS FOR "CHAPTER ENGINEER OF THE YEAR" 2024 ELECTION

OTHER. NONE

NEXT MEETING DATE AND LOCATION: MAY THE 14th. TIME AND PLACE T.B.D.

MEETING ADJOURNED: AT 12:57 PM.

2024 CHAPTER ENGINEER OF THE YEAR:
MARIO JIMENEZ
CONGRATULATIONS !!

MAY PROGRAM

THE APRIL CHAPTER 38 MEETING WAS IN THE CONFERENCE ROOM OF KFOXTV14/KDBCTV4 WITH A ZOOM PRESENTATION

WE HAD AN ATTENDANCE OF 23 (TWENTY THREE) RADIO AND TV ENGINEERS.

OUR ZOOM PRESENTER THIS TIME WERE BILL PORTER AND ALAN JERMAGIAN FROM 360 SYSTEMS.

AND BRUNO CRUZ PRESENTED HIS STATION PROJECT OF NEXTGENTV

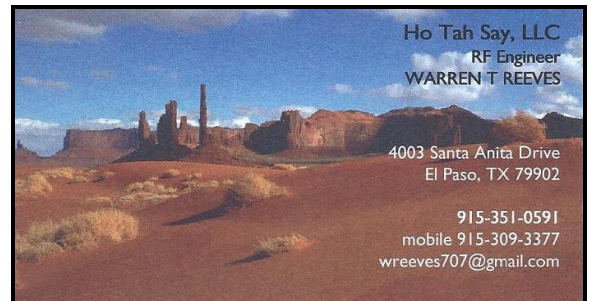
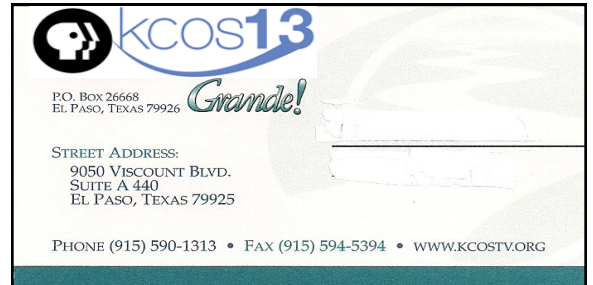
WE HAD A GREAT TIME

OUR MAY MEETING WILL BE IN A ZOOM MODE, NO PRESENTER AT THIS TIME

WHEN: MAY 14 TUESDAY.

WHERE: ZOOM FROM ANTONIO

TIME: 10:30 AM., STARTS AT 11:00 AM



What Are the Disadvantages?

There are pros and cons to everything. Here are some of the possible cons of 5G home internet:

- Coverage is limited and is likely to be best in cities. If you don't have good 5G coverage in your area, 5G home internet is not for you.
- You will need a receiver with a good line of sight to a 5G cell site or tower for the best results. This may mean attaching an antenna to the outside of your home because 5G signals are not very good at penetrating through walls and can be prone to interference.
- As 5G adoption grows and networks expand, you may find your 5G home internet service is impacted. When 5G networks get busier, your home internet may slow down or suffer interruptions.
- Can I Get 5G Home Internet?

It depends on where you live and what 5G coverage is like in your area. This [coverage map from nPerf](#) allows you to select by carrier to see coverage and download speeds. You can also check with your preferred carrier (most have coverage maps on their websites), but most only offer 5G home internet service in specific areas (big cities for now).

Who Offers 5G Home Internet?

There are several options for folks looking to get 5G home internet service, but make sure you read the small print. Most carriers offer a blend of 4G LTE and 5G. You are likely to get the best deals from carriers you take multiple services from, so if you already have cell service, your carrier will likely offer a discount on home internet. Here's an alphabetical list of US options to start with, but new services are rolling out all the time:

[AT&T Internet Air](#)

[Starry Home Internet](#)

[T-Mobile 5G Home Internet](#)

[US Cellular Home Internet](#)

[Verizon 5G Home Internet](#)

If you're in the UK, here are your options:

[EE 4G and 5G Mobile Broadband](#)

[National Broadband 5G](#)

[Three 4G and 5G Home Broadband](#)

[Vodafone 5G and 4G Broadband](#)



Is 5G Home Internet Expensive?

5G home internet prices are not hugely different from wired internet service. It may even be cheaper for some folks. 5G home internet plans start from as little as \$15 a month (Starry), but most cost between \$30 a month and \$80 a month, depending on the speed and service you want. Many carriers offer discounts for existing customers and other incentives. Because they are keen to attract new customers, many 5G home internet services offer unlimited data, no fixed contracts, and no equipment fees. Just make sure you understand all of the conditions before you sign up.