All rights reserved including the right of reproduction in whole or in part in any form without written consent from the authors.

Disclaimer: This is complicated stuff, and there are no easy, one-size-fits-all solutions. In this book, we share what we’ve learned over the years in our own journeys using extensive amounts of mobile internet along the way, as well as what we’ve learned from wide-ranging research and conversations with other mobile internet reliant RVers.

We have no formal affiliation or financial stake in any of the products or services we mention, except our own mobile apps. With anything you purchase, you are entering into transactions directly with the manufacturers and providers of those services.

This book is a sharing of our research and experience as full-time RVers ourselves. We can take no responsibility for the choices you make as a result of reading this book. We will do our best to share the pros and cons of each option as we understand them today, but ultimately you must continue your research and decide for yourself.

When issues arise, please seek support and resolution from the provider, vendor, or manufacturer you purchased from – not us!

Also by Technomadia:

No Excuses: Go Nomadic!

www.technomadia.com/excuses

A practical guide to the logistics of full-timing – income sources, mail, banking, healthcare, family, pets, safety, relationships, preparing, and much more!
The subject of this book is constantly evolving.

It’s almost guaranteed that as soon as we submit this book for publication, there will be an industry development that makes something in this book out-dated. We’re constantly staying on top of this topic at RVMobileInternet.com, a site meant to supplement this book. We post RV mobile internet relevant news as it comes out, as well as provide more in-depth guides, product reviews, and more. Join us:

www.RVMobileInternet.com

We welcome you to subscribe to our free monthly newsletter – we’ll send you a summary of what’s changed in the mobile internet landscape recently:

eepurl.com/0KJG1

Join our free public Facebook group for discussions with other RVers, ourselves included, interested in this topic:

www.facebook.com/groups/rvinternet

Premium Membership & Private Advising

We offer a premium membership service, called Mobile Internet Aficionados, for those who want to go deeper – with exclusive in-depth content (product reviews & guides), news analysis, webinars, and member only Q&A forums where we can help you further. If this book is the textbook, MIA is our classroom.

We also offer private advising sessions for those who’d like our help figuring out their ideal setup.

See the last chapter, The Ongoing Conversation, for more information and a money saving coupon for having bought this book already.
Dedicated to

Tim VeArd
1944 – 2013

Technology pioneer, national hero, and location-independent technology entrepreneur who inspired us in ways beyond imagination.

We miss you, Dad.

And a HUGE Thank You to all of our supporters who crowdfunded the 2014 rewrite and massive expansion of this book that made it possible for us to make this book and RVMobileInternet.com our focus!
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In the spring of 2013, we set out to write a comprehensive blog post about the options for keeping online while being mobile – bringing together in one place the years of content we had written on the topic on our personal blog. Our prime goal was to control the flood of questions we got on this.

By the time we were partway through, we knew this couldn’t be covered in a single post – it turned out there was way more than a book’s worth that could be written on the topic!

And thus, on the spur of the moment, the first edition of The Mobile Internet Handbook was born. We had never published a book before – and we put together the first edition in under 3 weeks on a shoestring budget, eager to get back to our real jobs. And it was just a handbook at 87 pages.

We did not expect the book to take on a life of its own – gathering so many reviews and endorsements as a “must read” for RVers who need to keep online. Eventually we came to realize just how needed this sort of resource was – people were hungry for unbiased information and clearly explained guidance!

Technology marches on, and by mid-2014 it was time to update the book.

To gauge just how much interest there was in a second and expanded edition, we decided to try a book pre-sale via the crowdfunding site Indiegogo.

We hoped to at least cover the upfront costs of professional graphics, illustrations, and editing so that our new book would look more like a book and less like a long blog post. We set several stretch goals for new chapters covering frequently asked-for topics that we could also add to the content.
And in the end – we were blown away by the support we received, and every single one of our stretch goals was fully funded – and that’s how our little handbook turned in the comprehensive book this is today. We really should change the title, but we’ve grown fond of it.

The funding also allowed us to launch a companion website which has now become a central resource center dedicated to the topic – RVMobileInternet.com. On this site, we focus on keeping this topic current – reporting on the news and keeping updated living guides.

The website also has a premium membership component allowing us to dedicate time to assisting members, hosting an interactive forum, and writing in-depth guides and product reviews.

We are proud to be completely reader & member funded (thank YOU!).

We’re also thrilled that Jack Mayer, a fellow mobile tech guru we’ve always respected, approached us to be involved with the second edition. He contributed a chapter to this book, and he has become a regular contributor to RVMobileInternet.com.

Now this brings us to this new fourth edition for 2016.

Things in the mobile internet world seem to never slow down, and we’ve settled into a yearly pace keeping this book updated.

With this edition, we have completely re-organized and re-written many sections - not only updating the out of date content, but revising extensively with the goal of both going deeper and making things simpler, adding all that we’ve learned in the last year of assisting thousands of RVers staying connected.

We have focused on making this book a primer on the theory and a snapshot of current best practices. And less on the actual products & plans.

To make sure you always have the most current information on plans, news and products – be sure to check our RVMobileInternet.com resource center for the latest.

We point out in the book what information is most likely to change and where you can find the companion living guide that is kept up to date.

We set out to create the definitive resource for RVers wanting to stay connected while on the road.

We hope that you will agree that we have.

– Chris & Cherie
Introduction

More than likely the internet plays at least some role in your life – and for many of us, it is central.

For anyone thinking of hitting the road, figuring out how to best keep online while exploring the world offline becomes critically important.

Whether you use the internet to keep in touch with loved ones, navigate to your next destination, look up accommodations, manage your finances, learn online, pursue entertainment, or depend on connectivity for your income source – building a connectivity arsenal that suits you is an essential chore most tech-connected nomads face.

Even those who don’t consider themselves techno-savvy at all still face needing at least some connectivity these days.

Who This Book Is and Isn’t For

This book is focused on internet connectivity options for mobile folks based in the USA.

And more specifically, some of the resources are geared specifically towards RVers and those living on the road – whether full-time or seasonal.

If you are setting out to explore the vast expanse of the USA for a prolonged period of time and want to remain connected, you’ve found a
great resource. We also include a primer on staying connected while crossing borders into Canada, Mexico, and beyond.

We aim to present this information in a clear manner that will be accessible to most – ranging from folks who don’t yet understand the difference between Wi-Fi and cellular data, to those who are super geeks like us who understand the differences intuitively.

This book isn’t intended to be consumed in one sitting, nor do we expect that you’ll understand it all immediately. It is meant to be a reference guide that you can refer back to when you need information on a specific component of your setup, or as your own knowledge increases.

There is no denying that at the root of it all, *The Mobile Internet Handbook* is pretty technical stuff. We try to start each topic off as fundamental as we can, and then ramp up from the basics. If you start to feel overwhelmed as it does, *that’s ok*. Keep re-reading and pushing your technical boundaries.

Keep in mind, you’re going to be out there on your own needing to manage whatever connectivity toolkit you assemble, often miles away from any geek help. And if you are having trouble getting online, you may end up unable to ask for assistance in forums and groups. So before you get lost in the wilds (figuratively or literally!), make sure you understand what you have and how to use it!

You may need to enlist the assistance of a geeky friend or family member to help you assemble and install your arsenal.

Don’t be afraid to ask for help – before you really need it!

**Who are Chris & Cherie?**

We’re Chris and Cherie, also known as the Technomads of Technomadia.com.

We’ve been traveling full time since 2006, mostly via various RV setups. Currently we call a 1961 geeked-out and solar-powered vintage bus conversion our home, but we have also full-timed in small travel trailers.

As we’re both currently in our early 40s, we’re too young to be traditionally retired and not fortunate enough to be retired early…yet. And we have some serious wanderlust.
Thankfully mobile technology enabled us to take our high-tech careers in software development, strategy advising, and technology consulting on the road – allowing us to work remotely for our clients while also creating our own products.

Our business is Two Steps Beyond LLC (www.twostepsbeyond.com).

We consider ourselves to be “technomads” and have been able to create a lifestyle that combines our careers and our desire for mobility.

Needless to say, we absolutely depend on mobile internet to keep connected to our clients, manage our projects, keep in touch with loved ones and make new friends on the road.

And well, we’re just geeks who like to spend a lot of time online. Heck, we both pretty much grew up with being online as part of our teen social life in the 1980s, and we met online (on a Prius – yes, the hybrid car – forum!) shortly after Chris first hit the road in 2006.

About Chris: Before going nomadic, Chris had a career in Silicon Valley focused on mobile technology.

He started out as the founding technical editor for boot magazine – mastering the art of explaining complex topics for a mainstream audience.

His most recent corporate job was as Director of Competitive Analysis (aka “Chief Spy”) for Palm and PalmSource – the companies behind the pioneering Palm Pilot and Treo. His job was to be intimately familiar with every mobile device and technology in existence, and he was tasked with traveling the world to dig up information to chart the future of the mobile industry.

It was not uncommon for him to be carrying dozens of mobile devices with him at a time – always raising eyebrows passing through airport security scans.

Times haven’t changed much actually – we still have dozens of mobile devices on board!

About Cherie: Cherie ran a software development business from home since the mid-1990s, with a long history of working remotely for her clients.
Aside from developing custom business software, her career involved technical writing and teaching high-tech topics to nontechnical people.

When she met Chris during his first year on the road, she was accustomed to carrying smartphones able to tether her laptop to the internet. And it was essential for her to keep connected if she was to join him full-time while still running her business.

Our first year on the road together was spent in a tiny teardrop travel trailer (16’) equipped with just the essentials – solar electricity and mobile internet. Luxuries like air conditioning, refrigeration, and even plumbing had to wait a year until our second travel trailer (17’) was custom built for us.

After so many years on the road, we have tried a wide variety of mobile internet solutions.

We know this stuff intimately, our lives are living laboratories for mobile technology, and it is our honor to share our experience.

Follow our personal nomadic adventures:

Blog: www.technomadia.com
Facebook: www.facebook.com/technomadia
YouTube: www.youtube.com/user/TalesFromTechnomadia
Instagram: @cherie_technomadia / @chris_technomadia

About Our Guest Author, Jack Mayer

Jack Mayer has been a full-time RVer since 2000. He is a freelance writer specializing in RV-related technical topics, author of a popular RV-related website (www.jackdanmayer.com), and speaker at RV rallies. His professional background is in computer system software design, networking, and operating systems.

For the past 15 years, he has designed and implemented a variety of wired and wireless networks for RV parks, small businesses, and individuals. In addition to his work in the communications field, Jack has specialized in the design and implementation of RV electrical systems for off-grid living.
More About This Book

Just some disclosures:

• Except where specifically disclosed, we are not financially affiliated with any of the products or companies we talk about in this book, and we’re not writing this book to sell you anything. We’re just sharing our lessons learned, our tech backgrounds, and our years of experience living on the road while keeping connected. We strive to be as unbiased as we can.

• Yes, some of our tech equipment has been provided at no charge by the manufacturers/vendors – but this usually come with the expectations of us being reviewers or beta test sites in which we provide feedback to the companies to improve their products.

To see all of the current gear we have in our testing lab, visit: www.rvmobileinternet.com/lab

We get a say in how these products evolve to better meet the needs of folks like us who are truly mobile. And being able to get free or loaner gear helps us review far more products without having to charge an arm and a leg for this book to cover equipment expenses. But some stuff we do buy on our own as well – we focus on finding the best, not what we can get sent for free.

If you know of any cool mobile technology that you think we should consider featuring in a future book update or on RVMobileInternet.com, let us know. If you are a manufacturer, let us know if you would like to send us some gear to test and review.

Beware: You can count on our honest (sometimes brutally so) feedback!

• Much of our current tech is Apple products, though in the past we were both Windows users, and we do keep current with Windows and Android developments.

However, despite our Apple-centric personal arsenal, this book it not platform specific – all are welcome here!
• In addition to our consulting projects, we also write mobile travel apps for the iPhone, iPad, and Android.

‘Coverage?’ (www.twostepsbeyond.com/apps/coverage) is the app most related to this book, and you’ll see screen captures in the book used to compare the various carriers. This powerfully simple iOS app uniquely displays overlayable coverage maps from the major carriers to help us technomads know where we can best keep connected. While we’d love to create an Android version, free time to do so seems to be something we just can’t find.

If you do buy this app, you are tossing a couple extra bucks into our account – thank you!

• Please don’t assume any products, prices, or plans mentioned in this book are necessarily current. They were all fact checked before submitting for publication, but this stuff changes often.

This book isn’t intended to be a price comparison guide or survey of all the specific products out there. The examples included are there to help steer you in the right direction.

Check RVMobileInternet.com for updated guides and news – we are constantly updating information there.

• Although we do provide some technical and installation advice, please always consult with the product’s vendor or manufacturer for direct support.

Armed with the information in this book, you will be much better equipped to understand and evaluate the current offerings on the market – and to decide what plans and technologies personally fit you best.

Our goal here is not to give you a shopping list for the singular perfect mobile internet setup – it is to arm you with the information you need to write your own.
Laying the Groundwork

First off – if at any point you come across terms in this book that are at all unfamiliar to you, stop and check the glossary at the end!

We have written a comprehensive glossary that defines even the most technical terms in ways that most should understand.

So before you get frustrated wondering why you might need a POE to power your CPE to get remote 802.11g when you’d really rather have more dB on your LTE – check the glossary, and soon it will make better sense.
Basic Differences Between the Common Options

There are multiple ways to access the internet while on the go these days, and each of them has attributes that might make one more attractive than the others.

Here’s a quick grid comparing the primary options:

<table>
<thead>
<tr>
<th></th>
<th>Unlimited or Capped</th>
<th>Mobile Friendly</th>
<th>Cost</th>
<th>Speed</th>
<th>Reliability</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cable/DSL</strong></td>
<td>(Usually) Unlimited</td>
<td>Not mobile. Fixed location.</td>
<td>Reasonable</td>
<td>Fast!</td>
<td>Always on</td>
</tr>
<tr>
<td><strong>Cellular</strong></td>
<td>Usually Capped</td>
<td>Fully mobile – wherever there’s signal!</td>
<td>Pricey</td>
<td>Slow to fast ( Faster all the time!)</td>
<td>Varies by location</td>
</tr>
<tr>
<td><strong>Public Wi-Fi</strong></td>
<td>Variable</td>
<td>You hunt signal at each location</td>
<td><strong>Free to cheap</strong></td>
<td>Highly variable</td>
<td>Highly variable</td>
</tr>
<tr>
<td><strong>Satellite</strong></td>
<td>Capped</td>
<td>Fully mobile – wherever there’s southern sky</td>
<td>Pricey to beyond pricey!</td>
<td>Slow and high latency</td>
<td>Can be persnickety</td>
</tr>
</tbody>
</table>

- **Cable/DSL**: This might be what you’re used to ‘at home’ – but on the road, this option is only sometimes found in long term RV parks.

- **Cellular**: Cellular data is quite prevalent and has gotten amazingly fast – and is now even available in sometimes surprisingly remote locations. However, cellular is typically priced by how much you use, which can add up fast. You might also need extra equipment and boosting gear to optimize utilizing cellular in remote locations. You’ll need to select your carrier(s) and equipment wisely to best match your planned travel destinations and routes.

- **Wi-Fi**: Public Wi-Fi hotspots are often free or low cost, but they can vary vastly in quality and are frequently too overloaded to be reliable. Unless you’re willing to take your laptop closer to the physical hotspot, you may need additional gear to get a usable signal from the comfort of your RV.

- **Satellite**: Satellite can be picked up anywhere with access to the southern sky, even remote locations and across borders into Mexico and Canada – but satellite internet comes with a host of drawbacks, including speed (or lack of it), price, latency, and complexity.

More than likely, most RVers will create a personal arsenal that combines multiple options to best fit their own unique needs.

This is a PREVIEW of ‘The Mobile Internet Handbook’ - [www.RVMobileInternet.com/book](http://www.RVMobileInternet.com/book)

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Understanding the Difference Between Cellular & Wi-Fi

By far the two most common ways that RVers will be able to get online is via either a cellular data connection or via public Wi-Fi networks, such as those offered at many campgrounds.

But – one of the most basic questions we get asked – just what exactly is the difference between Wi-Fi and Cellular?

We’ll be going into much more detail later, but here is the basic breakdown:

Wi-Fi – This is a short-range local wireless network technology.

The Wi-Fi “hotspot” is a wireless access point which shares its upstream internet connection (such as cable, DSL, satellite, or even cellular) via a wireless signal that can generally be received only a few hundred feet away.

All modern laptops, smartphones, tablets and many other internet connected devices have Wi-Fi receiving ability.

Many Wi-Fi connections tend to be free – offered by campgrounds, cafes, stores, libraries and hotels. But there are some paid options out there. A Wi-Fi hotspot may also also be one you create and host yourself.

Cellular Data – This is a longer range data connection that uses the same basic wireless network that cellphones use for voice and texting – with service provided by a cellular company over licensed airwaves.

All smartphones, some tablets, some newer cars, and a very few laptops have cellular data receiving capabilities built in.

When using cellular data you are accessing the net via a cell tower that might be right next door, or perhaps as far as 20 miles away.

Cellular data is rarely free, and access requires you have a data plan with a cellular carrier such as Verizon, AT&T, T-Mobile, or Sprint.

Mobile Hotspots – Merging cellular and Wi-Fi are mobile hotspots, which are cellular receiving devices that also create a small Wi-Fi hotspot to share the cellular data connection with other devices.

A smartphone or tablet can usually create a personal hotspot that functions like this to share its connection, or a small dedicated device called a MiFi, Mobile Hotspot, or Jetpack (they’re all the same thing) can do the job too.
The radios involved and technologies underlying Wi-Fi and cellular data are different – a cellular booster is not going to help you pull in a Wi-Fi signal from farther away, and extended-range Wi-Fi equipment will do nothing to improve your cellular reception.

And needless to say – cellular and Wi-Fi radios are completely different and not compatible with TV antennas either.

**How Much Data Do You Need?**

Mobile data is often capped or metered, not unlimited like you might be used to. Getting a handle on your actual expected usage is critical when building your mobile arsenal.

To start with, you should do an assessment of your usage and monitor it for a while – even before you hit the road.

If your internet provider doesn’t provide a monthly usage number for you, it is recommended you install a usage counter on your computers and/or router to record your monthly usage (see the “Managing Mobile Data Usage” chapter later in the book for more information).

Track your actual regular usage for a reasonable amount of time (at least a full week or, better yet, a month) to get a baseline. Remember to factor in all of your devices that you’ll be connecting on the road – the tablets, the smartphones, the music players, the game systems, the eReaders, and all the laptops and computers that will be in your household.

Also consider how you currently consume media content – like movies and TV shows. If you’re doing that over cable TV now, how will that translate for you once you no longer have cable?

Now, compare your own personal baseline to what it would cost to buy that much mobile data.

You may be shocked by these numbers, and be realizing at this point that you’re going to have to do some serious usage trimming to make mobile surfing affordable. That – or else seek out unlimited data options.

**What Exactly Is Data? – Byte Sizing**

Cellular and satellite service is often sold in “buckets” of a certain amount of data, often expiring within a month whether you use it or not. This data is measured by the gigabyte or megabyte.

But how much stuff does a single gigabyte equate to?
Everything encoded in digital format for storage in a computer or transmission over a network is made up of “bits” – literally, zeros and ones. Eight bits make a byte, and a byte is generally a single character of text.

It takes 1024 bytes to make a kilobyte (KB), and 1024 kilobytes to make a megabyte (MB), and 1024 megabytes to make a gigabyte (GB).

Text takes very little space – a book like this one (stripping away images) is only a few hundred thousand characters, less than 400KB. Mathematical data compression techniques work incredibly well on textual data – making text take up even less space in practice.

Pictures and music, however, start to move the needle a bit.

A typical consumer-grade digital camera or smartphone takes photos that average around 2.5MB in size. In other words – when it comes to data, pictures are actually worth several thousand words – especially if you don’t reduce their size before emailing or posting them!

The modern web has grown very graphically rich – and web pages can easily consume 1MB to 5MB per page viewed, and sometimes lots more.

Streaming music online can consume 30MB to 90MB or more per hour, depending on the quality.

But if you really want to burn through data – video is the ultimate data hog. Especially with high-definition (HD) video, data amounts quickly begin to be measured in “gigs.”

A 90-minute movie streamed in HD can easily consume 4-5 GB of data!

**Uploading & Downloading**

Data transfers on the internet are a two-way street, and the connection is metered in both directions.

Uploading or “upstream” connections is the data that is transferred from your computer to another computer on the internet. This might be a small bit of data – such as submitting a search to Google or posting a status message on RVillage. Or you may be uploading a large file – such as posting a video to YouTube.

Downloading or “downstream” connections refer to data that is transferred from another computer to yours – for example, reading a blog and downloading text and images, viewing a video on Netflix or YouTube, reading your Facebook home feed, or downloading a computer operating system update.

Video and audio chat applications like FaceTime and Skype use substantial amounts of both upstream and downstream data simultaneously.
What Isn’t Considered Data Usage?

There are plenty of things you can do on a computer or smartphone that will not count against your monthly data usage.

If you’re not currently connected, then you’re obviously not consuming any internet data. And even when you are connected, anytime you’re viewing files that are already stored on your computer, tablet, or phone – you don’t have to worry about data usage.

Viewing files you have stored locally doesn’t use up data, nor does sharing files between computers on your local network – only transferring them via the internet does.

Viewing photos that you copied from your camera or phone to your computer? No data usage – unless you decide to share them on Facebook, Instagram, or upload them online to a service like Flickr or SmugMug.

But if you use a cloud syncing service (such as iCloud Photo Library or Google Photos) to share your photos between devices, that can use substantial amounts of data copying ALL your photos to the cloud and back.

Reading an ebook that you already downloaded? Usually no data usage is involved once the book has been downloaded the first time.

And if you make cellular phone calls using your carrier’s regular voice service, the call will not count against your data usage. However, if you use an internet-based service like Skype, Google Hangouts or FaceTime to have an audio conversation – that will count against your data usage.

Benchmarks for Common Internet Tasks

To help you better understand how quickly various internet tasks can burn through data, we’ve taken some measurements of how much data typical tasks can consume.

Actual consumption can and will vary a lot – these are just some rough examples based upon a few rounds of real world testing.

Common RVer Tasks:

- **Plan Your Route** – Using RVillage.com and campendium.com to scout out future potential campsites, and then planning a route in maps.google.com, including checking out the satellite view of the destination to make sure the spot looks like a good fit, and finally scoping out fuel prices along the way at gasbuddy.com: **17.6MB**
Pay Bills – Sync transactions to Quicken, check balances, and schedule two credit card payments online at two different online banks, transfer funds between accounts, and check in on investments: 13.7MB

Check in on RVillage – Visit RVillage.com, update present location, explore the map to see who else is around, and make a post to the news feed saying hello: 9.8MB

Post a photo to Instagram – Posted a photo of us taking a measurement of data consumption of posting a photo: 2.6MB

Send an email to Mom – A loving text email used just 70KB, with a “large” picture attached it was 10x larger: 747KB

iMessage Chat – Short back and forth text chat, including a photo and a contact transfer: 500KB

Tasks by Time:

To make it easier to understand how data usage adds up, we performed some everyday tasks for set periods of time and measured the data consumed. We tested five minute at a time, and multiplied by 12 to give a per-hour rate.

Your mileage will vary greatly – but this gives a good ballpark figure.

As you will see – a 5GB (5,000MB) data plan can be used up incredibly quickly, with just an hour or two of average web surfing per day likely to use up the entire allotment within a month.

Multiply by two or three to allow for multiple users sharing a connection, and it goes even quicker.

And if you throw HD video into the mix – your monthly bucket can end up gone in no time!

Be Aware of Activity Behind the Scenes

Regardless of what you are explicitly doing in the foreground – modern computers, smartphones, tablets, and other devices are often busy behind the scenes, burning data that you might not be aware of.

We carefully avoided any background activity in our tests – but if you conduct your own testing to better get a handle on your own usage patterns, make sure to take potential background data hogs into account!

For more information on effectively managing your data usage, refer to the “Managing Mobile Data Usage” chapter later in this book.
<table>
<thead>
<tr>
<th>Online Task</th>
<th>Data Used per Hour</th>
</tr>
</thead>
<tbody>
<tr>
<td>FaceTime Audio Call</td>
<td>40MB/hr</td>
</tr>
<tr>
<td>Skype Audio Call</td>
<td>46MB/hr</td>
</tr>
<tr>
<td>Listening to Pandora (Standard Quality)</td>
<td>52MB/hr</td>
</tr>
<tr>
<td><strong>Reading / Posting in RV-Dreams.com Forum</strong></td>
<td>71MB/hr</td>
</tr>
<tr>
<td>Online Gaming (Typical Usage)</td>
<td>75MB/hr</td>
</tr>
<tr>
<td><strong>Reading Gmail</strong></td>
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</tr>
<tr>
<td>Skype Low-Res Video Call</td>
<td>96MB/hr</td>
</tr>
<tr>
<td>Browsing RV Blogs</td>
<td>137MB/hr</td>
</tr>
<tr>
<td>Browsing Facebook</td>
<td>140MB/hr</td>
</tr>
<tr>
<td><strong>Actively surfing twitter.com (including skimming links)</strong></td>
<td>155MB/hr</td>
</tr>
<tr>
<td>Listening to iTunes Radio</td>
<td>180MB/hr</td>
</tr>
<tr>
<td>Surfing Google News, reading top stories</td>
<td>186MB/hr</td>
</tr>
<tr>
<td>Watching YouTube (360p Resolution)</td>
<td>221MB/hr</td>
</tr>
<tr>
<td><strong>Listening to Pandora (High Quality)</strong></td>
<td>300MB/hr</td>
</tr>
<tr>
<td>Watching Netflix (iPad SD Playback)</td>
<td>384MB/hr</td>
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<tr>
<td>FaceTime HD Video Call</td>
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<tr>
<td><strong>Watching Technomadia Video Chat Archive</strong></td>
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<tr>
<td>Watching Netflix (Desktop SD Playback)</td>
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</tr>
<tr>
<td>Watching Netflix (iPad HD Playback)</td>
<td>1,656MB/hr</td>
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<tr>
<td>Watching YouTube (1080p Resolution)</td>
<td>1,920MB/hr</td>
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