



xfinity

# INTEL AND COMCAST HAVE TEAMED TO DEVELOP GIG SPEED WI-FI TECHNOLOGY FOR YOUR HOME

## DEMANDS ON TODAY'S WI-FI NETWORKS ARE GROWING



U.S. Internet traffic will nearly triple by 2021<sup>1</sup>



**51%** of that traffic will be Wi-Fi<sup>1</sup>

## WE'RE USING MORE DEVICES...



**13.4**

networked devices per capita by 2022, up from 8 in 2017<sup>1</sup>

## ...FOR MORE BANDWIDTH-HUNGRY ACTIVITIES...



**97%** annual growth in Ultra HD video traffic<sup>1</sup>



**14X** growth in gaming traffic by 2021<sup>1</sup>



**3X** increase in U.S. Internet video traffic by 2021<sup>1</sup>

## ...AND GENERATING MORE TRAFFIC THAN EVER BEFORE

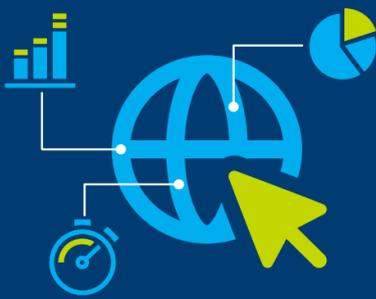


**189 GB** monthly per user by 2021, up from 71GB in 2016<sup>1</sup>



**463 GB** monthly per household by 2021, up from 172GB in 2016<sup>1</sup>

## CUSTOMERS NEED THE BEST WI-FI PERFORMANCE TO KEEP PACE WITH THESE GROWING DEMANDS



**18.7** Mbps average U.S. household Internet speed in 2017

vs.

**15.3** Mbps in 2016<sup>2</sup>

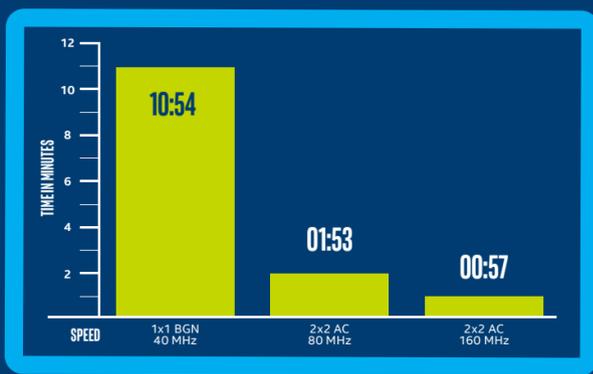
## INTEL AND COMCAST ARE WORKING TO TRANSFORM YOUR WIRELESS EXPERIENCE WITH GIGABIT WI-FI

Today's 2-in-1 and gaming PCs equipped with the latest generation Intel® Core™ processors and Intel® Wireless-AC 2x2 160MHz technology let you leverage ultra-fast network speeds for a truly superior in-home Wi-Fi experience.

- Easily download large files for sharing, manipulation and backup
- Take online gaming to the next level
- Enjoy high-resolution video conferencing and crisp, clear audio
- Smoothly stream 4K video and other media

### HD MOVIE DOWNLOAD TIMES<sup>3</sup>

Less time is better



■ The average HD Movie is 8 GB



## GET THE BEST WI-FI EXPERIENCE WITH TECHNOLOGY FROM INTEL + XFINITY XFI



Discover more: [www.intel.com/wireless](http://www.intel.com/wireless)

Shop now for Gigabit Wi-Fi enabled PCs: [www.intel.com/wireless](http://www.intel.com/wireless)

Learn more and purchase Gig-speed Internet from Xfinity: <https://www.xfinity.com/gig>

<sup>1</sup><https://www.cisco.com/c/en/us/solutions/collateral/service-provider/visual-networking-index-vni/white-paper-c11-741490.html>

<sup>2</sup>[www.statista.com/statistics/616210/average-internet-connection-speed-in-the-us/](http://www.statista.com/statistics/616210/average-internet-connection-speed-in-the-us/)

<sup>3</sup> Estimates for Wi-Fi download times are calculations based upon real-world, single client, best-case throughput speed assumptions of approximately 70% of IEEE 802.11 specification theoretical maximum data rates to account for networking overhead. Actual performance may vary based on system design, network configuration and wireless environment.

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