

ADVANCED HOME CONNECTIVITY



Intelligently managed home networks improve performance and coverage

THE CONNECTED HOME CHALLENGE

Will more devices, more data, and more applications bring home networks to a halt? The opportunity is huge. **Are you ready?**

6.5 million 6.5M new Wi-Fi devices ship every day.¹

35+ By 2020, expect an average of 35 or more connected devices per household.³

4.2 million Together, Android and Apple App Store offered 4.2 million apps to consumers in 2016.²

47% of total M2M connections by 2020.⁴

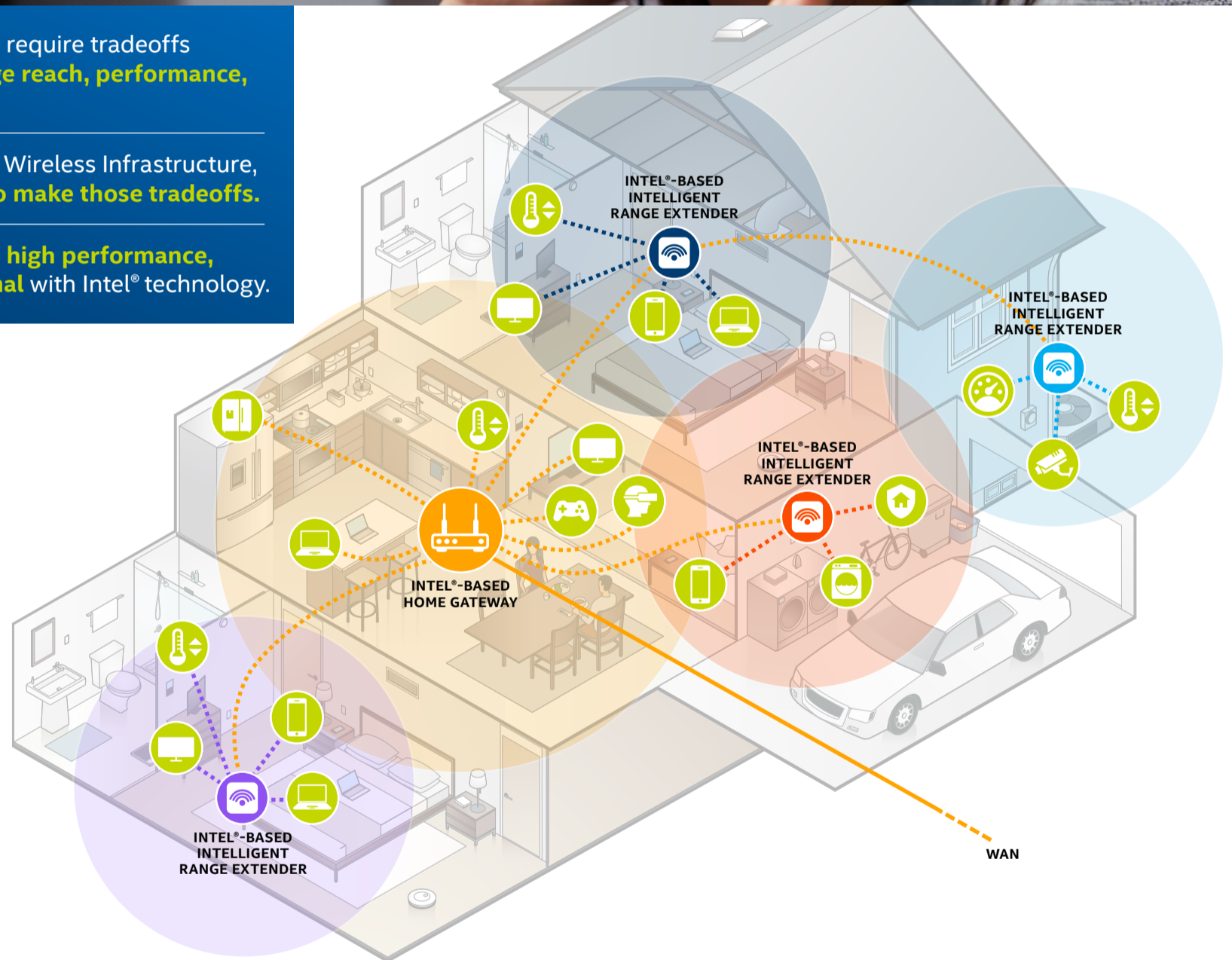
TODAY'S AND TOMORROW'S HOMES DEMAND MORE RELIABLE, CONSISTENT, FAR-REACHING CONNECTIVITY



Today's solutions require tradeoffs between **coverage reach, performance, and consistency.**

With Intel® Home Wireless Infrastructure, you don't have to make those tradeoffs.

Get a consistent, high performance, far-reaching signal with Intel® technology.



INTEL® HOME WIRELESS INFRASTRUCTURE

Intelligently manage home Wi-Fi networks, so you don't have to settle for narrow coverage or weak signals.

Reliable connectivity
Dynamically organizing network for any home

Consistent throughput
Dynamically optimizes network capacity

Proactive network
Real-time monitoring and self-healing diagnostics

Accelerate time to market with Intel® Home Wi-Fi Development Kits

- Enables tri-band intelligent range extender for greater throughput than most designs available today
- Flexible architecture allows for larger Wi-Fi coverage areas
- Consistent, power-efficient Wi-Fi performance and range for a variety of in-home scenarios

RELATED INTEL TECHNOLOGIES

Explore more Intel innovations for the connected home

Intel® Home Wi-Fi Chipset WAV500 Series
Advanced Wi-Fi solution optimized for home networks. Delivers highest aggregated throughput⁵ in the industry, larger capacity, and better coverage.

Intel® AnyWAN™ SoCs and Intel® Puma™ 7 Family
Enhances broadband connectivity in cable, fiber, telco, and consumer retail gateways.

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1. Source: <http://www.wi-fi.org/news-events/newsroom/total-wi-fi-device-shipments-to-surpass-ten-billion-this-month>
2. Source: <https://www.statista.com/statistics/276623/number-of-apps-available-in-leading-app-stores/>
3. Source: <http://www.marketsandmarkets.com/Market-Reports/smart-homes-and-assisted-living-advanced-technologie-and-global-market-121.html>
4. Source: <http://www.cisco.com/c/en/us/solutions/collateral/service-provider/visual-networking-index-vni-hyperconnectivity-wp.html>
5. Aggregated throughput comparison of Intel® Home Wi-Fi Chipset WAV500 Series and similar Wi-Fi chipsets, in the IXIA IxVeriWave® WaveBlade® Wi-Fi Module. Intel technologies may require enabled hardware, specific software, or services activation. Performance varies depending on system configuration. No computer system can be absolutely secure. Check with your system manufacturer or retailer or learn more at Intel.com.
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