Internet of Things: Intelligent, connected devices are conquering our world in exciting new ways.

Self-Driving By 2020

Long Range Radar
Lidar (~15 @30 mbps each)
Cameras (~45 mbps each)
Ultrasonics (~5 @100 mbps each)
Total sensor data ≫ 1Gbps

Many Ways To Connect

Toelbooth
Camera
Parking Meter
Surround View
Park Assistance

Automated Driving = Big Data + Big Intelligence

And that requires big performance.

Why Intel?

Scalable Performance
- Proven leader in real-time, Big Data analytics
- ADAS accelerators and optimizations
- Ever-increasing performance (Moore’s Law)
- From basic to premium performance

Enhanced Security
- Advanced security is a must-have capability for intelligent, connected cars
- Built-in hardware-based security helps protect data and platforms

Industry Partnerships and Leadership
- Intel® architecture has the world’s broadest support among hardware and software suppliers.
- Intel’s leadership role in computing will help accelerate standards and innovation.

Greater Capabilities Require Greater Performance