



**Always-On AI Processing at the Edge**  
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AI has grown exponentially over the last several years. Higher performance and lower system power are required for a widespread AI adoption at the edge. An overall system approach is required to deliver ultra-low power. This approach must optimize across hardware, software, algorithm, and sensor. Ultra-low power will also allow for AI on battery power IoT devices.

At Qualcomm Research, we are working on always-on vision defined as 1mA active end to end power.