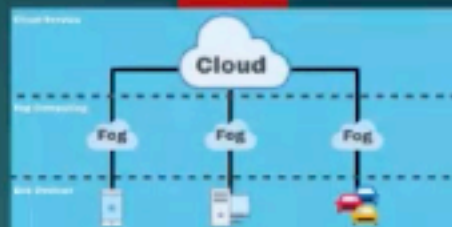# A Compromise

https://www.ibprc.com/fog-computing/

- ▶ **Edge** and **fog** computing: processing decentralized, taking place between devices and the cloud

- ▶ Don't need to move as much data to central location, thereby reducing latency

- ▶ It turns out that geography matters

Nvidia Launches Credit Card-Sized 21 TOPS Jetson System for Edge Devices
By Doug Black

November 6, 2019

Nvidia has launched a new addition to its Jetson product line: a credit card-sized (70x45mm) form factor delivering up to 21 trillion operations/second (TOPS) of throughput, according to the company.

The Jetson Xavier NX module consumes as little as 10 watts of power, costs $399 and is designed to be embedded in edge devices, such as small robots, drones, sensors for factory logistics and production lines, optical inspection, portable medical devices and other industrial IoT systems that demand small, light, low-power processing.