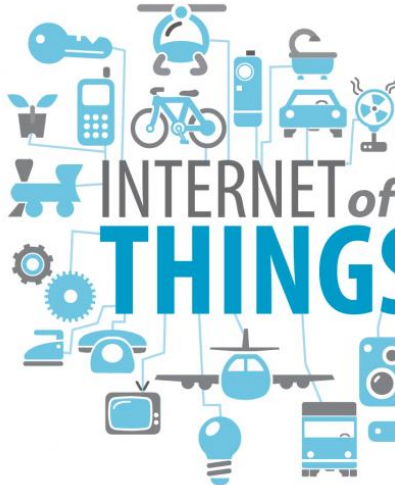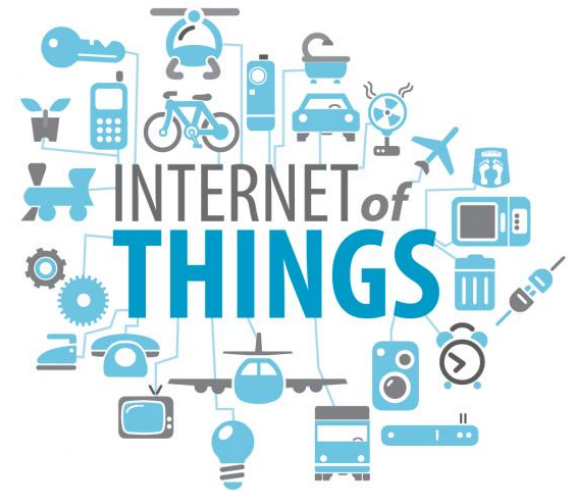# Galileo Overview

Frank Walsh
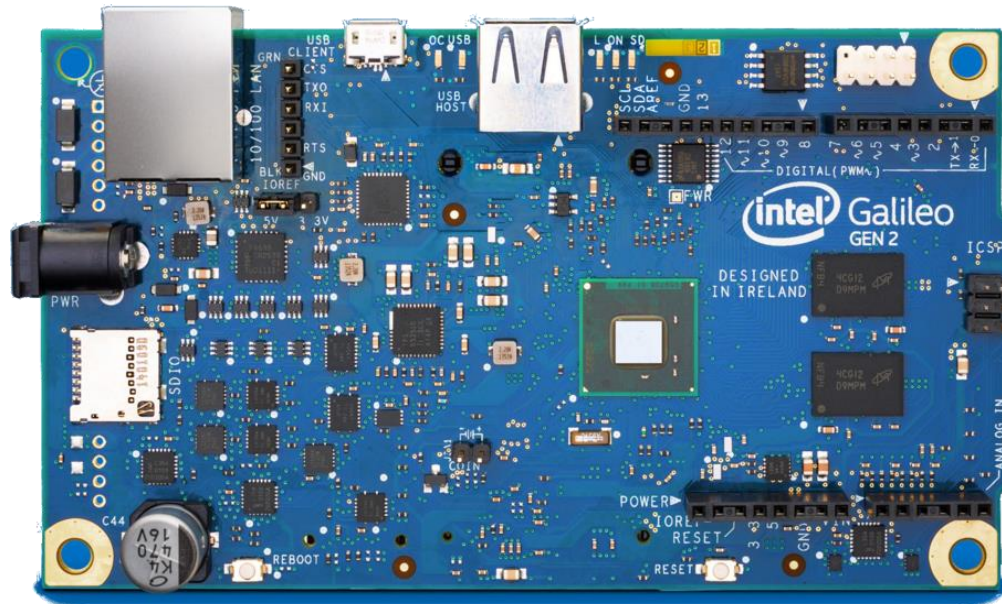
Development Boards

- **The Internet of Things (IoT**) is the network of physical objects
  - Devices, vehicles, embedded electronics
- One of the main drivers for IoT is low cost accessible sensors and devices
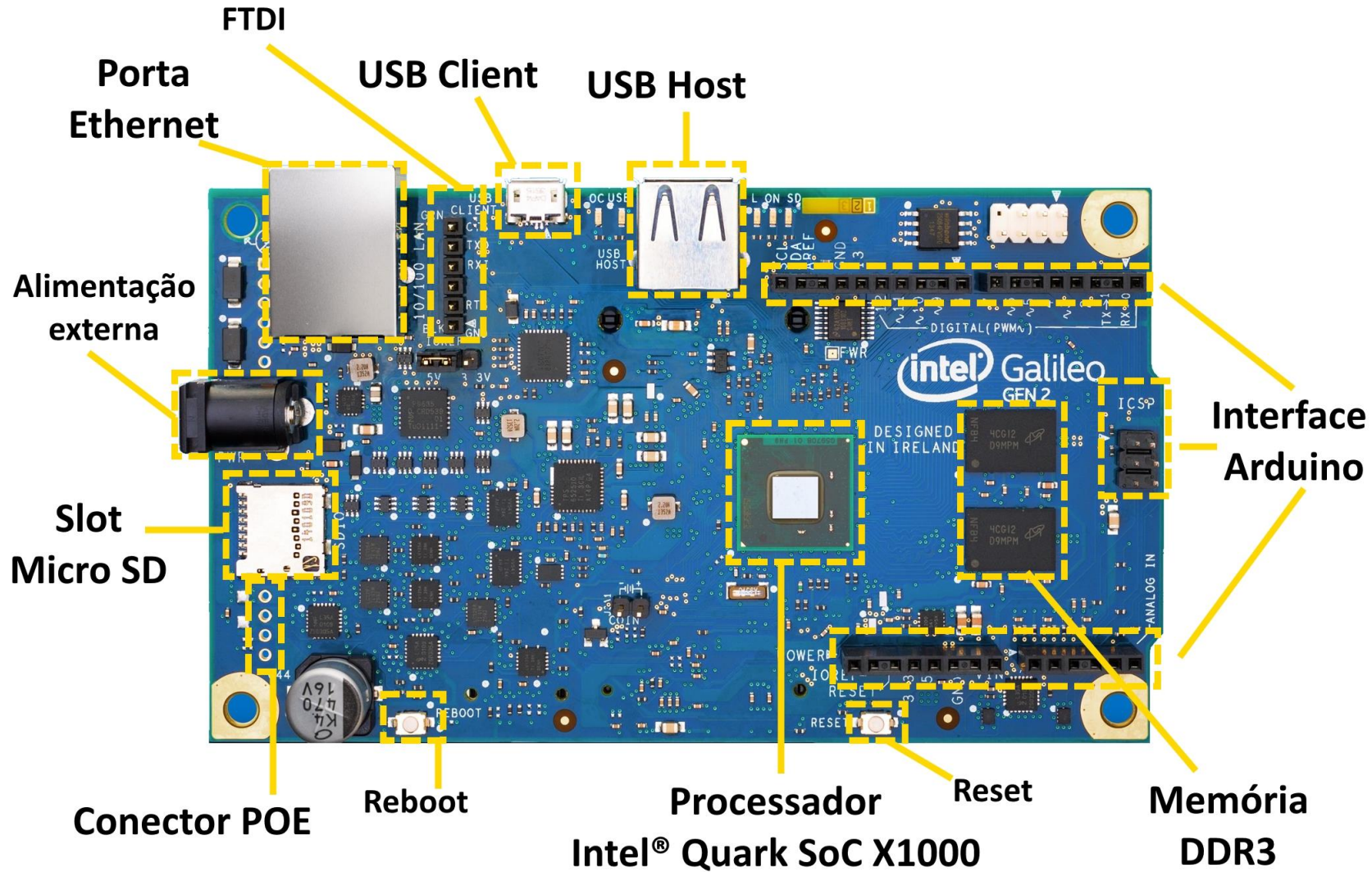- Development boards and low-cost single board computers and microcontrollers

Introduction

- [Arduino](#)-certified development boards based on [Intel](#) x86 architecture

- For makers and education

Board Overview

Porta Ethernet · FTDI · USB Client · USB Host · Alimentação externa · Slot Micro SD · Conector POE · Reboot · Processador Intel® Quark SoC X1000 · Reset · Memória DDR3 · Interface Arduino
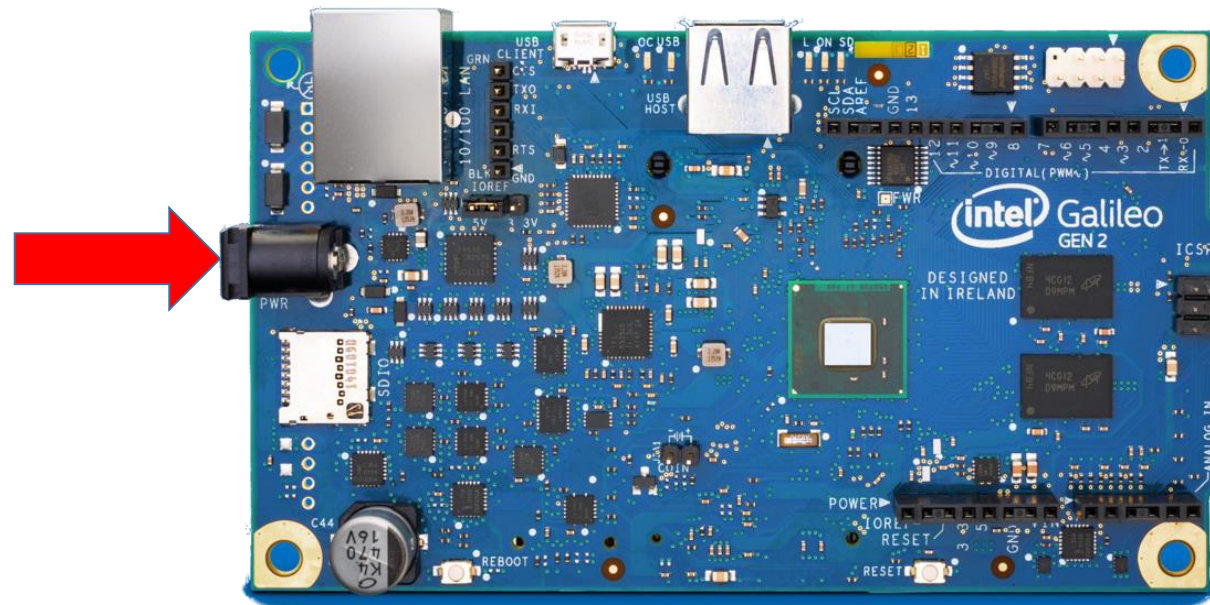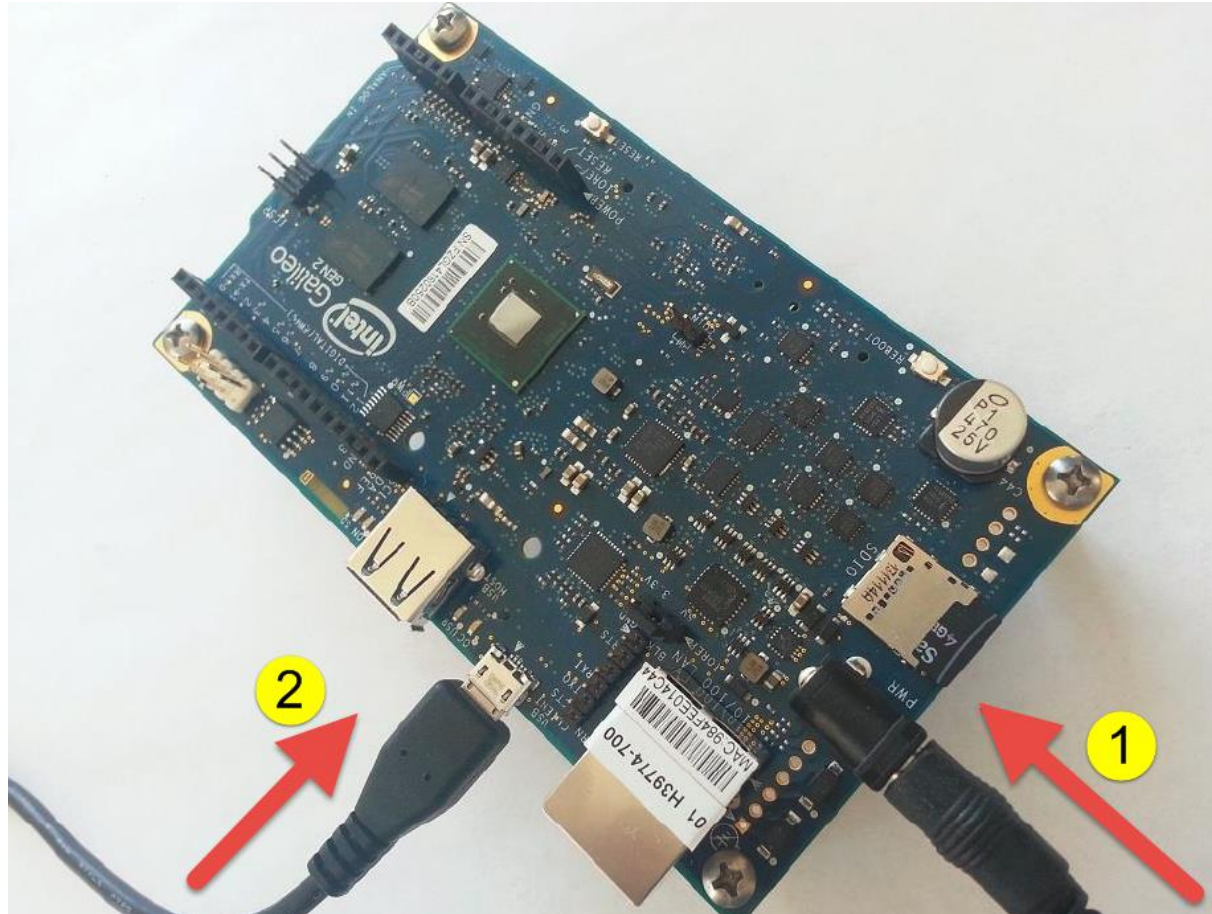
Turning it on

- Just plug in the barrel jack on the side
- Allways do this before connecting the micro USB

Galileo Assembly for Arduino

Install Drivers and Arduino IDE

- Follow the instructions for your Operating System [here](https://software.intel.com/en-us/iot/library/galileo-getting-started)

https://software.intel.com/en-us/iot/library/galileo-getting-started

Software Download & Set-up