IoT2x 3.2 Selecting a Microplatform

Feature	Arduino Nano	Arduino Uno	Particle Photon	Teensy 3.0
Processor	ATmega328P 16MHz AVR			
Memory	32kB flash, 2kB RAM			
GPIO	14 (inc 6 PWM)			
Analogue Pins	8			
Network (BT/WiFi)	-			
Runs an OS?	No			
Power usage	19mA at 5V 95mW			
Cost	USD22			

IoT2x 3.2 Selecting a Microplatform

Feature	Raspberry Pi 3B+	Raspberry Pi Zero	Beaglebone Black	Intel UP Squared Grove
Processor	Broadcom BCM2837B0 1.4GHz 64 bit ARMv8 Cortex A53			
Memory	1GB SDRAM			
GPIO	40			
Analogue Pins	-			
Network (BT/WiFi)	Gigabit Ethernet, WiFi (802.11b/g/n/ac), Bluetooth 4.2, BLE			
OS Options	Raspbian, Ubuntu Mate, Windows IoT core...etc (many more 3rd party options)			
Power usage	350mA at 5V (idle) 1.75W (5W max)			
Cost	USD35			