Adafruit Mini Thermal Receipt Printer

- Thermal printers are also known as receipt printers, they're what you get when you go to the ATM or grocery store.
- Now you can embed a little printer of your own into an enclosure.
- This printer is ideal for interfacing with a microcontroller, you simply need a 3.3V-5V TTL serial output from your microcontroller to print text, barcodes, bitmap graphics, even a QR code.
- It's easy to make Bold, underline, inverted text, variable line spacing, left/center/right justification, barcodes in 11 standard formats with adjustable height, and even custom bitmap graphics.

HeiPOS 5 x EC Cash Thermal rolls
Gadget Catalogue

ALLNET Starter-Kit Ard Dev KIT1 ATMega328

Compatible with: Arduino

- Breadboard
- RF-ID set, consisting of dongle, card and module
- 7-segment display, 4-digit and 1-digit
- 8x8 dot matrix module
- Joystick
- Stepper motor with control board
- LCD display module
- Motor
- IR receiver with IR remote control
- Relay module, 10A / 250 V AC
- 16-key keyboard
- Humidity sensor
- Rain sensor
- Microphone
- Power LED
- 5 buttons
- Real Time Clock Module
- Various power stripes, LED, connectors and connection modules
Amazon Echo Plus with built-in Hub

Echo Plus is a simple way to start your smart home. It has a built-in ZigBee smart home hub, which allows for simple and direct setup of compatible ZigBee lights, locks, plugs, and in-wall switches from brands like Philips Hue, GE, and Yale. No additional hub required. Echo Plus connects to Alexa—a cloud-based voice service—to play music, make calls, set timers and music alarms, ask questions, check traffic and weather, and more—instantly.

- Dual speakers with room-filling sound, powered by Dolby
- Built-in hub for simple setup of compatible smart home devices
- Line-out with 3.5 mm cable or Bluetooth
Amazon Echo Dot (2nd Generation)

Echo Dot (2nd Generation) is a hands-free, voice-controlled device that uses Alexa to play music, control smart home devices, make calls, send and receive messages, provide information, read the news, set music alarms, read audiobooks from Audible, control Amazon Video on Fire TV, and more.

Connects to speakers or headphones through Bluetooth or 3.5 mm stereo cable to play music from Amazon Music, Spotify, Pandora, iHeartRadio, and TuneIn. Play music simultaneously across Echo devices and speakers connected via cable with multi-room music.

- Streaming Wi-fi music (including Amazon Music, Spotify, Pandora, and more)
- Line-out with 3.5 mm cable or Bluetooth
Arduino Board Industrial 101

Arduino Industrial 101 is an Evaluation board for Arduino 101 LGA module. The ATmega32u4 microcontroller is integrated in the baseboard. The module supports a Linux distribution based on OpenWRT named LininoOS. The board has built-in WiFi (IEEE 802.11b/g/n operations up to 150Mbps 1x1 2.4 GHz), 3 GPIOs (of which 2 can be used as PWM Outputs), 4 Analog Inputs, 1 USB, 1 Ethernet signal on pin headers and a built-in DC/DC converter. Check out the assembling guide and simply connect your board to a computer with a micro USB cable to get started.

- Operating voltage 5 V
- Max. output current 50 mA
- Output current (min.) 40 mA
- MC layout 32-bit
- I/O number 3
- Flash memory 16 MB
- WiFi 802.11 b/g/n 2.4 GHz
- USB 2.0 Host (Exported on headers)
Arduino Board Uno Rev3 - DIP Version
ATMega328

Arduino Uno is a microcontroller board based on the ATmega328P (datasheet). It has 14 digital input/output pins (of which 6 can be used as PWM outputs), 6 analog inputs, a 16 MHz quartz crystal, a USB connection, a power jack, an ICSP header and a reset button. It contains everything needed to support the microcontroller; simply connect it to a computer with a USB cable or power it with a AC-to-DC adapter or battery to get started.

- Operating voltage 5 V
- Power supply via USB
- I/O pins: 20
- 16 MHZ frequency
- Flash Memory 32 KB (ATmega328P) of which 0.5 KB used by bootloader
Gadget Catalogue

Arduino Starter Kit

The kit includes a selection of the most common and useful electronic components with a book of 15 projects. Starting the basics of electronics, to more complex projects, the kit will help you control the physical world with sensor and actuators.

- 1 Projects Book (170 pages)
- 1 Arduino / Genuino Uno
- 1 USB cable
- 1 Breadboard 400 points
- 70 Solid core jumper wires
- 1 Easy-to-assemble wooden base
- 19v battery snap
- 1 Stranded jumper wires (black)
- 1 Stranded jumper wires (red)
- 6 Phototransistor
- 3 Potentiometer 10kOhms
- 10 Pushbuttons
- 1 Temperature sensor [TMP36]
- 1 Tilt sensor
- 1 alphanumeric LCD (16x2 characters)
- 1 LED (bright white)
- 1 LED (RGB)
- 8 LEDs (red)
- 8 LEDs (green)
- 8 LEDs (yellow)
- 3 LEDs (blue)
- 1 Small DC motor 6/9V
- 1 Small servo motor
- 1 Piezo capsule [PKM17EPP-4001-B0]
- 1 H-bridge motor driver [L293D]
- 1 Optocouplers [4N35]
- 2 Mosfet transistors [IRF520]
- 5 Capacitors 100uF
- 5 Diodes [1N4007]
- 3 Transparent gels (red, green, blue)
- 1 Male pins strip (40x1)
- 20 Resistors 220 Ohms
- 5 Resistors 560 Ohms
- 5 Resistors 1 kOhms
- 5 Resistors 4.7 kOhms
- 0 Resistors 10 kOhms
- 5 Resistors 1 Mohms
- 5 Resistors 10 MOhms
Bosch ConnectedExperience 2018
Gadget Catalogue

Bosch XDK Cross Domain Development Kit

Experience the XDK Node, the universal programmable sensor device packed with state-of-the-art sensor technology and ready-to-use software packages, capable of fulfilling all your IoT application needs.

- 32-bit microcontroller ARM Cortex M3
- Bluetooth LE
- Wi-Fi
- Debug & extension port
- Micro SD
- Push buttons
- Status LEDs
- Li-Ion rechargeable battery

![Sensor components diagram]
Bosch XDK Extension Board GridEye IR sensor

The extension board contains a Panasonic GridEye IR sensor and additional socket for other sensors, used to detect heat signature which is unique for an object or body.

- Infrared Array Sensor and Powerful Algorithm for People Tracking
- Grid Grid -EYE Viewing Angle 60°
Bosch XDK Extension Board LEM

Enables condition monitoring and predictive maintenance of your machines and equipment, fast non-intrusive handling and permanent observation of actual power demand patterns 24/7 possible. Quick current measurement via app technologies on mobile devices (android and iOS) and simple connectivity on premise or to the secure XDK Cloud Connectivity.

- Measurement of AC primary currents from 0 to 10A
- Voltage output (ratio 225mV @ I_{Pr})
- Class accuracy 1 (voltage output) according to IEC 61869 standard
- Compact
- Self-powered
- 10 mm diameter aperture
- Frequency: 50/60 Hz
- Split-core type
- Easy mounting
- Cable output: 1m
- Operating range: -10°C to +55°C
- Dimensions (ATO): 45.5 x 33.5 x 32 mm with a 10 mm sensing aperture
- Rated insulation voltage 600V CATIII PD2, basic insulation
Calliope mini SDK

- Nordic nRF51822 Multi-protocol Bluetooth® 4.0 low energy/2.4GHz RF SoC
- 32-bit ARM Cortex M0 processor (16MHz)
- 16kB RAM
- 256kB Flash
- Bluetooth Low Energy
- 5x5 LED Matrix Bildschirm
- Beschleunigungssensor, Gyroskop, Magnetometer (Bosch BMX055)
- MEMS Mikrofon
- DC Motoreiber (TI DRV8837)
- Piezo-Lautsprecher
- Programmierbare RGB LED (WS2812b)
- 2 programmierbare Taster
- Serielle Schnittstelle (USB + konfigurierbare Anschlüsse)
- PWM Ausgabe
- 4 Bananenstecker/Krokodilklemmen-Anschlüsse
- 4 Analoge Eingänge
- 8-11 Ein/Ausgangsanschlüsse (je nach Softwarekonfiguration)
- SPI + I 2 C
- USB Micro B Anschluss (Programmierung und Stromversorgung)
- JST Batterieanschluss (3.3V)
- Bananen/Krokodilklemmen-Anschluss für 3.3V (Ausgang)
- 2 Grove Steckverbinder (I 2 C + Seriell/Analog)
- Flash-Programmspeicher (optional)
Gadget Catalogue

DataLocker Origin Storage DL3 1TB

Perfect for users who expect the best in speed, storage and security, the DataLocker DL3 secure external hard drive is simply secure. With advanced features like a rotating keypad, self destruct mode, lightening fast USB 3.0 connection and storage up to 2 Terabytes with SSD options, you'll never look at external storage the same way again.

- Absolutely no software or drivers
- Supports alpha and numeric based passwords, plus the # and * characters
- Optional RFID based 2-factor authentication
- 256 Bit AES XTS mode encryption.
- Self destruct security mode (mitigate brute force hacking)
- Keypad randomization (mitigate fingerprint lifting)
- Super-speed USB 3.0 interface (compatible with USB 2.0)
- Rapid secure wipe (rapid key zeroization)
- Supports an administrator password (full permissions) and a user password (limited permissions)
- Removable silicone protective guard
Gadget Catalogue

Elegiant Nodemcu Lua ESP8266 ESP 12E WiFi Development Board

- Wireless 802.11 b / g / n standard Support STA / AP / STA + AP three operating modes
- Built-in TCP / IP protocol stack to support multiple TCP Client connections (5 MAX)
- D0 ~ D8, SD1 ~ SD3: used as GPIO, PWM, IIC, etc., port driver capability 15mA AD0: 1 channel ADC Power input: 4.5V ~ 9V (10VMAX), USB-powered
- Current: continuous transmission: ≈70mA (200mA MAX), Standby: <200uA Transfer rate: 110-460800bps Support UART / GPIO data communication interface
- Remote firmware upgrade (OTA) Support Smart Link Smart Networking
- Working temperature: -40 ℃ ~ + 125 ℃ Drive Type: Dual high-power H-bridge driver
Flic: the Wireless Smart Button

Flic is a simple and bluetooth button. It gives you control over your smart device all with the simple push of a button. With three types of trigger inputs; click, double click or hold plus the ability to add as many actions for each input trigger this button is completely yours to customize. All of this is easily set up in the Flic App on your iOS or Android device. With one Flic you can turn the lights on and start the music when you enter your house, order an Uber and send a message plus much more, the possibilities are endless.

- Wireless button that creates a shortcut to your favorite actions on your phone
- Requires iOS 8.0 or later. Compatible with iPhone, iPad & iPod Touch. Requires Android 5.0 or later
- Connectivity: Bluetooth Low Energy
Intel Edison Grove Indoor Environment Kit

Makes it easy to create complete indoor environment applications with Intel Edison and Arduino Breakout Board. With the Base shield V2, developers can plug up to 11 different Grove sensors and actuators quickly.

- Base Shield V2 x 1
- Grove - LCD RGB Backlight x 1
- Grove – Temperature & Humidity Sensor x 1
- Grove - Relay x 1
- Grove - Moisture Sensor x 1
- Grove - Servo x 1
- Grove - Light Sensor x 1
- Grove - Buzzer x 1
- Grove - UV Sensor x 1
- 9V to Barrel Jack Adapter x 1
- Grove - PIR Motion Sensor x 1
- 26AWG Grove Cables x 2
- Grove - Encoder x 1
- USB Cable x 1
- Grove - Button x 1
- User Guide x 1
Bosch ConnectedExperience 2018

Gadget Catalogue

Intel Edison and Mini Breakout Kit

Powered by the Intel® Atom™ SoC dual-core CPU and including an integrated WiFi, Bluetooth LE, and a 70-pin connector to attach a veritable slew of shield-like “Blocks” which can be stacked on top of each other.
Gadget Catalogue

LEGO MINDSTORMS Education EV3 Core Set

This set contains everything you need to start teaching STEM and computer science using the exciting LEGO MINDSTORMS concept. It offers full teacher support, including STEM and computing teaching materials, and a comprehensive eLearning program.

- 3 Servo Motors
- 5 Sensors (Gyro, Ultrasonic, Color and 2x Touch)
- EV3 Rechargeable DC Battery, connecting cables
- building instructions
LEGO MINDSTORMS 31313 Mindstorms EV3

- Create and command robots that do what you want
- Intuitive and icon-based programming interface
- Step-by-step 3D building instructions
Micro Bit Board BBC MB158

- Compatible with: Arduino, Raspberry Pi
- Microprocessor: 32-bit ARM® Cortex™ M0 CPU
- A 5x5 LED matrix with 25 red LEDs to light up and can display animated patterns, scrolling text and alphanumeric characters
- Two programmable buttons. Use them as a games controller, or control music on a smart phone
- On-board motion detector or 3-AXIS digital accelerometer that can detect movement e.g. shake, tilt or free-fall
- A built-in compass, 3D magnetometer to sense which direction you're facing and your movement in degrees and detect the presence of certain metals and magnets
- Bluetooth® Smart Technology. Connect the micro:bit to other micro:bits, devices, phones, tablets, cameras and other everyday objects
- 20 pin edge connector: This allows the micro:bit to be connected to other devices such as Raspberry Pi, Arduino, Galileo and Kano through a standard connector
- Micro-USB controller: This is controlled by a separate processor and presents the micro:bit to a computer as a memory stick
- Five Ring Input and Output (I/O) including power (PWR), ground (GRD) and 3 x I/O.
- System LED x 1 (yellow)
- System push button switch x 1
Particle Maker Kit

- Photon with Headers (1)
- USB Micro B Cable (1)
- Flex antenna (1)
- Mini Breadboard (1)
- Proto-board (1)
- Deluxe Jumper Wire Pack (1)
- Male to Female Jumper Wires (10)
- Battery holder - 4xAA (1)
- Headers (7)
- Ceramic Capacitors (10 each)
- Electrolytic Capacitor 100uF (5)
- LEDs (10)
- RGB LED (1)
- Diode (6)
- IR LED (1)
- Resistors (30)
- Photoresistors (2)
- 10K Rotary Potentiometer (1)
- Temperature Sensor (1)
- Temperature Sensor - Sealed (1)
- Piezo Buzzer (1)
- Mini Pushbuttons (3)
- SPDT Switch (2)
- SPDT Relay (1)
- NPN Transistor (1)
- PIR sensor (1)
- Pancake Vibration Motor (1)
- Micro Servo (1)
- Serial OLED Screen, 0.96" (1)
Particle Accessories: The Photon

A tiny, reprogrammable Wi-Fi development kit for prototyping and scaling your Internet of Things product. The board itself uses a Cypress Wi-Fi chip (one that can be found in Nest Protect, LIFX, and Amazon Dash) alongside a powerful STM32 ARM Cortex M3 microcontroller. It's like the Spark Core. You'll be able to write your firmware in our web or local IDE, deploy it over the air, and build your web and mobile apps with ParticleJS and our Mobile SDKs. All Particle Hardware is designed from the ground up to work with the Device Cloud. The Device Cloud is a powerful set of tools and infrastructure to build, connect, and manage your IoT fleet.

- Particle P0 Wi-Fi module
- Cypress BCM43362 Wi-Fi chip
- STM32F205 120Mhz ARM Cortex M3
- 1MB flash, 128KB RAM
Gadget Catalogue

Raspberry Pi 3 Model B 1GB without operating system

Raspberry Pi 3 is a powerful successor to the extremely popular credit card-sized single-board computer. This 3rd-generation Raspberry comes with a high-performance ARM Cortex A7 4x 1.2 GHz quad core processor. This upgrade gives the Pi 3 way more bite when it comes to a wide range of applications. Also features Wi-Fi and Bluetooth Low Energy to facilitate networking. Pi 3 board layout and connectivity match Pi 2 Model B and Pi B+. Raspberry Pi 3 features four USB 2.0 ports, a LAN connection and a HDMI™ output enabling quick hook-up and straightforward operation.

- Raspberry Pi® 3 with a ARM Cortex A8 64-bit processor (4x 1.2 GHz)
- Wide range of uses: mini PC, server, controller
- Onboard WiFi b/g/n and Bluetooth Low Energy 4.1
- Supports Windows 10 IoT
- Versatile and expandable
Raspberry Pi cable Multi-coloured RB-CB5-025

- Suitable for Banana Pi, pcDuino, Arduino, Raspberry Pi® A, B, B+
Raspberry Pi camera module

- Suitable for Raspberry Pi
- 5-megapixel OmniVision OV5647 sensor
Raspberry Pi display unit RB-LCD-7 Raspberry Pi A, B, B+

- 17,8 cm (7") touchscreen display
- 10 Finger Capacitive Touch
- 800 x 480 Pixel
Seeed Studio Starter set 815011001

Compatible with: Arduino, Seeeduino, Seeeduino ADK

- Breadboard x1
- Green LED x5
- Red LED x5
- RGB Common Anode LED x1
- Ceramic Capacitor (10nF x10+100nF x10)
- Aluminum capacitor (100uF x5)
- Resistor (330R x 10+1k x 10+10k x10)
- Tilt switch x1
- Thermistor x1
- Photo resistor x1
- Diode x1

- Buzzer x1
- Button x5
- Switch x5
- Mini Servo x 1
- Potentiometer with knob x1
- Breadboard jumper wire x25 (5x long, 20 x short)
- Breadboard x1
- Box x4
Gadget Catalogue

Seeed Studio Starter kit Grove Starter Kit for LinkIt ONE

- Grove - Dust Sensor
- Grove - Temperature & Humidity Sensor Pro
- Grove - Sound Sensor
- Grove - UV Sensor
- Grove - Barometer Sensor
- Grove - Light Sensor
- Grove - 3-Axis Digital Accelerometer (±16g)
- Grove - Led Bar
- Grove - Servo
- Grove - Touch
- Grove - Base Shield
- Grove Guide
Gadget Catalogue

Seeedstudio Grove - I2C Hub

I2C Hub Grove is an extension Grove module for connecting multiply I2C devices to Grove Base Shield. It can use with Universal 4 Pin to X2 4 Pin cable and connects up to 7 I2C devices which may cover most developing purpose.

- Grove extension module
- 4 Grove I2C connection ports
- Dimensions: 20 x 40 mm
Seeed Studio Expansion bus Grove

Compatible with: Arduino UNO

Arduino Uno is the most popular Arduino board so far, however it is sometimes frustrating when your project requires a lot of sensors or Leds and your jumper wires are in a mess. The purpose of creating the Grove – Base Shield is to help you getting rid of bread board and jump wires. With the rich grove connectors on the base board, you can add all the grove modules to the Arduino Uno very conveniently!

- **1-Analog Ports**: include 4 analog ports, A0, A1, A2 and A3.
- **2-Digital Ports**: include 7 digital ports, D2, D3, D4, D5, D6, D7 and D8.
- **3-UART Port**: 1 UART port.
- **4-I2C Ports**: 4 I2C ports.
- **5-Power Switch**: when using Arduino UNO with Base Shield v2, please turn the switch to 5v position; While using Seeeduino Arch with Base Shield v2, please turn the switch to 3.3v.
- **6-Reset Button**: reset the arduino board.
- **7-PWR LED**: The Green LED turns on when power on.
- **8-P1, P2**: please solder the pads P1 and P2, if use Base Shield v2 with Seeeduino V3.
- **Dimension**: 2.1 * 2.7 inch
Gadget Catalogue

Seeed Studio PCB extension board GrovePi+

- GrovePi+ is a system with 15 Grove 4-pin interfaces that brings Grove sensors to the Raspberry Pi.
- It is the newest version compatible with Raspberry model B/B+ and A+ perfectly.
- GrovePi+ is an easy-to-use and modular system for hardware hacking with the Raspberry Pi, no need for soldering or breadboards: plug in your Grove sensors and start programming directly. Grove is an easy to use collection of more than 100 inexpensive plug-and-play modules that sense and control the physical world. By connecting Grove Sensors to the Raspberry Pi, it empowers your Pi in the physical world.
Gadget Catalogue

Seeed Studio Grove Starter Kit for Photon

An easy to use plug-and-play kit for the Photon - one base shield lets you connect a variety of included Grove modules.

It includes a Grove Shield for Photon and several Groves, Grove Shield for Photon is an expansion board, which is more easy for users to build Groves 4-pin standard interfaces from Spark Photon, also avoid the user spent too many cables to build prototype.

- Grove Shield for Photon
- Grove - Button
- Grove - Buzzer
- Grove - Rotary Angle Sensor
- Grove - Temperature Sensor
- Grove - Light Sensor
- Grove - Chainable RGB LED
- Grove - 3-Axis Digital Accelerometer(±1.5g)
- Grove - 4 Digit Display
- Grove - Vibration Motor
- User's Manual
Sensor kit Sensor Kit SKA-36

Compatible with: Arduino, Arduino UNO, Raspberry Pi

- KY-001 Temperature sensor module
- KY-002 Vibration switch module
- KY-003 Hall magnetic sensor module
- KY-004 Key switch module
- KY-005 Infrared emission sensor module
- KY-006 Small passive buzzer module
- KY-008 Laser sensor module
- KY-009 3-color full-color LED SMD modules
- KY-010 Optical broken module
- KY-011 2-color LED module
- KY-012 Active buzzer module
- KY-013 Temperature sensor module
- KY-015 Temperature and humidity sensor module
- KY-016 3-color LED module
- KY-017 Mercury open optical module
- KY-018 Photo resistor module
- KY-019 5V relay module
- KY-020 Tilt switch module
- KY-021 Mini magnetic reed modules
- KY-022 Infrared sensor receiver module
- KY-023 XY-axis joystick module
- KY-024 Linear magnetic Hall sensors
- KY-025 Reed module
- KY-026 Flame sensor module
- KY-027 Magic light cup module
- KY-028 Temperature sensor module
- KY-029 Yin Yi 2-color LED module 3MM
- KY-031 Knock Sensor module
- KY-032 Obstacle avoidance sensor module
- KY-033 Hunt sensor module
- KY-034 Automatic flashing colorful LED module
- KY-035 Class Bihor magnetic sensor
- KY-036 Metal touch sensor module
- KY-037 Sensitive microphone sensor module
- KY-038 Microphone sound sensor module
- KY-039 Detect the heartbeat module
- KY-040 Rotary encoder module
Gadget Catalogue

TI SimpleLink Bluetooth Smart SensorTag Development Kit

- More sensors! Adds support for more low power sensors, 10 sensors including support for light, digital microphone, magnetic sensor, humidity, pressure, accelerometer, gyroscope, magnetometer, object temperature, and ambient temperature
- Lower power: Longer battery life from your coin cell and enabler of battery less applications
- High performance ARM Cortex M3 (CC2650)
- Cloud connectivity: Access and control your SensorTag from anywhere, seamless integration with mobile apps
- DevPacks allows you to expand the SensorTag to fit your designs: Interchangeable between all SensorTag types
- Complete development system: Expandable with debug DevPack, Code Composer Studio compiler license included
TII SimpleLink SensorTag Watch DevPack

Add a display to your SensorTag with the Watch DevPack. Plug it into the SensorTag DevPack expansion header and expand your design with a 96 x 96 pixel graphical display from Sharp (LS013B4DN04). The display is designed for wearable applications, weather stations or any portable display application that is displaying information from the web. The Watch DevPack is powered from the SensorTag battery and based on ultra-low power display technology with typical current draw of 2uA.

- Sharp LS013B4DN04 Memory LCD 1.3-inch screen offering 96 x 96 pixels
- Ultra-low power consumption
- Provides excellent viewing angles and high contrast images or text
- Display is controlled serially using SPI
Gadget Catalogue

TI SimpleLink SensorTag Debugger DevPack

- The Debugger DevPack adds debug capability to your SensorTag. Plug it into the SensorTag DevPack expansion header and debug your SensorTag with Code Composer Studio or IAR ARM development environments. The Debugger DevPack includes a FREE license of Code Composer Studio that is tied to the DevPack.

- The Debugger DevPack includes a USB power connection, making it easy to power your SensorTag during debugging. Alternatively, simply connect it to a USB power supply if your sensor application requires permanent power. It also includes traces for three Grove connectors to make it easy to add support for any of the 100s of Grove sensors and actuators.

- The Debugger DevPack is a small form-factor XDS110 debugger.
TI SimpleLink LED Audio DevPack

Use the SensorTag for lighting applications with the LED Audio DevPack. Plug it into the SensorTag DevPack expansion header and expand your design with four high-power LEDs from Osram. The LED Audio DevPack makes it easy to create LED lighting applications controlled from a mobile phone with the Bluetooth® Smart SensorTag or connect to ZigBee® lighting system using ZigBee.

The LED Audio DevPack is powered from a micro-USB connector. Note that at full intensity, the LEDs can draw up to 2A current, which will require a high-power USB power supply.

- Quick prototyping of LED lighting applications
- Bluetooth Smart-controlled using smartphone apps
- Connect to ZigBee lighting applications
- 4 multi-colored Osram LEDs (Red, Green, Amber and White)
Xbox One X 1TB Console

- 6 teraflops of graphical processing power and a 4K Blu-ray player provides more immersive gaming and entertainment
- Play with the greatest community of gamers on the most advanced multiplayer network
Xbox One Kinect Sensor

- Command your Xbox and TV with your voice (examples include "Xbox On", "Xbox Watch TV", "Xbox Go to Instant Video", and more).
- Broadcast gameplay live with picture-in-picture using the Twitch Xbox One app. Make Skype calls in HD on your TV using the Kinect.
- Play games where you are the controller and work out smarter with Xbox Fitness.
- Compatible with Xbox One S with Adapter: Kinect for Xbox One is compatible with Xbox One S via the Xbox Kinect Adapter for USB.
- Xbox Kinect Adapter required for use with Xbox One S consoles. Sold separately
ACCESSORY
Intenso Micro SDHC 4GB Class 10 Card incl. SD-Adapter

- Capacity: 4 GB
- Class: class 4 (guaranteed minimum transfer rate: 4 MB/s)
- Max. reading transfer rate: 21.00 MB/s (140x)
- Max. writing transfer rate: 5.00 MB/s (34x)
- Accessories: SD adapter
HN Power Micro-USB Power Supply Micro USB
5 V 2 A

- MicroUSB
- 5 V – 2 A
- Power supply
- Compatible with all Raspberry and Hummingboard