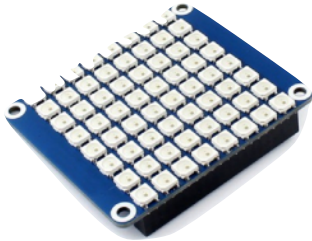
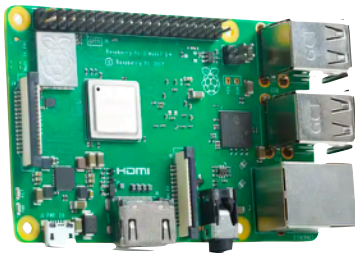


SMILE-pi Specifications



True color RGB LED HAT (B) for Raspberry Pi [8x8]

Operating voltage: 5V
Brightness: adjustable 256 levels
Color depth: 24-bit true color (8-bit for R/G/B)
Data rate: 800Kbps(typ)
Dimensions: 65mm × 56.2mm
Mounting hole size: 3.0mm



Raspberry Pi 3B+

SoC: Broadcom BCM2837B0 quad-core A53 (ARMv8)
64-bit @ 1.4GHz
GPU: Broadcom Videocore-IV
RAM: 1GB LPDDR2 SDRAM
Networking: Gigabit Ethernet (via USB channel),
2.4GHz and 5GHz 802.11b/g/n/ac Wi-Fi
Bluetooth: Bluetooth 4.2, Bluetooth Low Energy (BLE)
Storage: Micro-SD
GPIO: 40-pin GPIO header, populated
Ports: HDMI, 3.5mm analogue audio-video jack,
4x USB 2.0, Ethernet,
Camera Serial Interface (CSI),
Display Serial Interface (DSI)
Dimensions: 82mm x 56mm x 19.5mm, 50g



SanDisk 128GB Ultra microSDXC UHS-I Memory Card

Operating voltage: 5V
Capacity: 128GB
Data rate: 100MB/s read speed
Dimensions: 0.04 x 0.59 x 0.43 inches



Raspberry Pi HAT Enclosure

3-Part Enclosure: Removable Cover, Top, and Base Frame
Fits standard-size Raspberry Pi HATs
All ports are accessible
Dimensions: 2.52 x 3.68 x 1.05 inches