

## Datasheet

Quark is openWRT based portable access point which can act as Router or bridge as per the configuration done on the device. The platform developed by Argus gives flexibility to customise the solution as per custom requirements. It supports storage devices to be connected to the Access point which gives it additional benefit for the users to access all the files locally or remotely over LAN or WAN interfaces. For lowest power consumption and for small home office environment it is unique product and is based on Qualcomm/Atheros AR9331 SoC, single sided and support 2.4 Ghz band.

### Quick Specification

- 802.11 b/g/n, 2.4 GHz, 1x1 SISO, 150Mbps max data
- 21.5 dB output power
- Built in chip antenna and U.FL connector options
- 8MB FLASH, 32 MB RAM
- CPU – AR9331, 400 MHz clock speed
- LED's – Power, Eth0, WLAN, MMC, Eth1
- Power supply – 5.5 v single voltage, max power
- Consumption on heavy duty download – 1.5 W
- In built rechargeable battery

### Quark OpenWRT Router



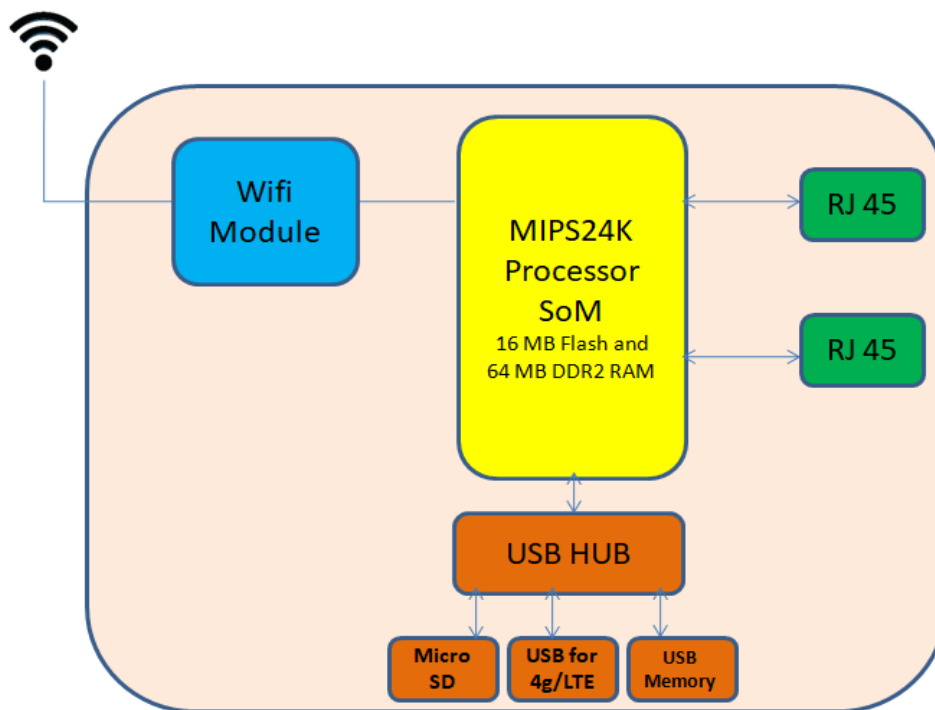
### Applications/ Features Supported:

- Access Point supports router and bridge modes
- Globally Accessible Locally controlled data Storage
- USB and MicroSD Storage.
- OpenWRT Software with all features supported.
- Customisable as per requirements

## Specifications

Interfaces Support	2 Ethernet , 1 WLAN 802.11b/g/n, UART, 2 USB Host
Operating Humidity	0 to 95% RH, non-condensing
Mounting	Wall, ceiling mountable
Input Power Supply	5.5 V USB Cabled
Certification	Contains FCC, IC, ETSI certified wireless module
Configuration	Network configurable via application or web page
Antenna	Internal
Max Datarate	150 Mbps

## Block Diagram



Argus product platforms are customizable as per customer requirements. We offers complete Electronic Product design services including Contract Electronic manufacturing services. An Experienced technical team with wide spectrum of skills on different platforms and various industry domains helps to reduce development risk and offer cost and time to market advantage.

For additional information, please contact Sales at :91-7093535378

Address: Plot No. 36, Phase-III, 1st Floor, Kamalapur colony,Hyderabad,Telangana-500073

Phone: Email: [sales@sysargus.com](mailto:sales@sysargus.com)

Argus reserves the right to make changes to the product(s) or information contained herein without notice. No Liability is assumed as a result of their use or application. All other company names, products and logos are registered trademarks of their respective companies.