

GAINSTRONG

Minibox V1.0_SPEC_EN

Specification Version 1.0.1

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Rev.	Date	Contents of Revision Change	Remark
1.0.0	2016-03-21	Initial release	Trigg
1.0.1	2018-03-23	Update feature and Pictures.	Bruce Lee

INTRODUCTION

Minibox V1.0 Router is exquisite, portable and small wireless router which designed for those whose mobile devices like smart phone, PADs, notebook to surf the internet. Minibox V1.0 Router has 2FE RJ45 ports which support both wired connection and wireless connection at the same time. It allows users not only able to share their internet by wired connection but also wireless connection.

Minibox V1.0 Router comply with internet standard IEEE802.11b, IEEE802.11g and IEEE802.11n, maximum wireless rate can reach to 150Mbps, with 1x2 MIMO technology, the range of transmission is 8 times than that of original IEEE802.11g standard, wireless signal is more Powerful, wider extension. More than three colours can be choice, white, black, blue and etc....

FEATURES

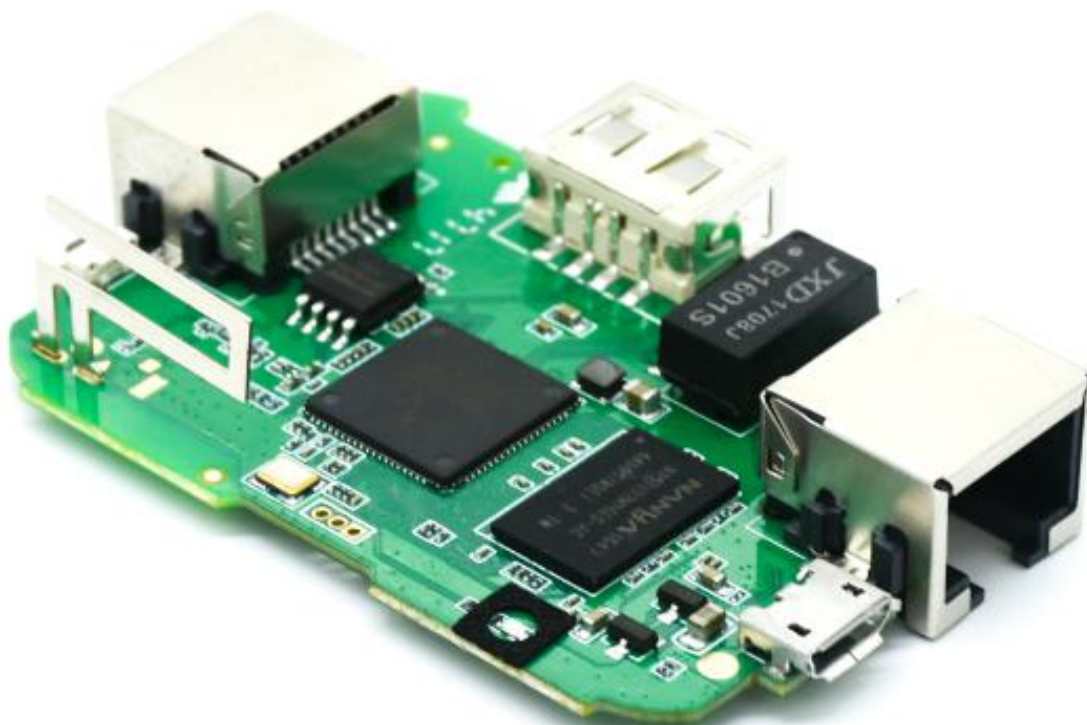
- CPU: AR9331 Mips 24Kc 400MHz.
- DDR: 64MB
- Flash: 16MB (8MB/16MB optional)
- Compatible with IEEE 802.11 b/g/n. Wireless speed up to 150 Mbps.
- Compact and portable, small enough to take on the road.
- Powered through a 5V Micro USB port by an external power adapter.
- Compatible with almost all 2.4GHz WiFi devices.
- Supports AP, Router, Client, Bridge operation modes.
- Supports WEP, WPA/WPA2, WPA-PSK/WPA2-PSK encryptions.
- 1 * USB Port (Optional).
- 1 * System Status LED
- 1 * 10/100Mbps WAN Port
- 1 * 10/100Mbps LAN Port
- Size: 64mm x 44.5mm x 22.3mm.
- Antenna Type: Built-in smart omnidirectional antenna.
- More than three colours can be choice, white, black, blue and etc...
- Supported by Openwrt/LEDE.

- Can Sale PCBA,Casing and PCBA+Casing.

Interface	1 10/100Mbps WAN Port
	1 10/100Mbps LAN Port
	1 USB Port
	1 RESET Button
	1 System Status LED
	1 UART console(in the case)
	1 Micro USB (5V/0.5A Input)
Wireless Standards	IEEE 802.11b/g/n
Indicator	System
Antenna Type	Built-in smart omnidirectional antenna
Dimensions	64mm x 44.5mm x22.3mm
CPU	AR9331
DDR2	64MB
Frequency	2.4 ~ 2.484GHz
Signal Rate	11n: Up to 135Mbps(dynamic)
	11g: Up to 54Mbps(dynamic)
	11b: Up to 11Mbps(dynamic)
EIRP	<20dBm (EIRP)
Reception Sensitivity	135M:-70dBm@10%PER
	65M:-73dBm@10%PER
	54M:-76dBm@10%PER
Wireless Modes	AP Mode, Router Mode
Wireless Functions	Enable/Disable Wireless Radio, WDS Bridge, WMM, Wireless Statistics
Wireless Security	64/128/152-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK
WAN Type	Dynamic IP/Static IP/PPPoE/ PPTP/L2TP
DHCP	Server, Client, DHCP Client List, Address Reservation
Quality of Service	WMM, Bandwidth Control

Port Forwarding	Virtual Server, Port Triggering, UPnP, DMZ
Dynamic DNS	DynDns, Comexe, NO-IP
VPN Pass-Through	PPTP, L2TP, IPSec (ESP Head)
Access Control	Local Management Control, Host List, Access Schedule, Rule Management
Firewall Security	DoS, SPI Firewall IP Address Filter/MAC Address Filter/Domain Filter IP and MAC Address Binding
Management	Access Control Local Management Remote Management
Certification	CE, FCC, RoHS
System Requirements	Microsoft® Windows® 98SE, NT, 2000, XP, Vista™ or Windows 7, MAC® OS, NetWare®, UNIX® or Linux
Environment	Operating Temperature: 0°C~40°C (32°F~104°F)
	Storage Temperature: -40°C~70°C (-40°F~158°F)
	Operating Humidity: 10%~90%
	non-condensing Storage Humidity: 5%~90% non-condensing

PICTURES(PCBA)



CASEING-WHITE



CASEING-BLACK



CASEING-BLUE



STRUCTURE

	Length	Width	Height
Size	64mm	44.5mm	22.3mm

OPERATING ENVIRONMENT

Working temperature: 0 °C to 40 °C;

Storage Temperature: -40°C~70°C (-40°F~158°F)

Humidity: 10% to 90%RH;

non-condensing Storage Humidity: 5%~90% non-condensing