

Hardware Description

MT7981B main chip, main frequency up to 1.3GHZ; equipped with independent MT7976CN WIFI6 chip, 2.5G network port RTL8221B chip

High-speed 1G DDR4, 8GB EMMC;

1LAN 2500 Mbps+1WAN 1000 Mbps adaptive network port;

Support "one key flash mode", long press reset button to enter recovery mode;

Support Type-C power interface

Support USB3.0 interface

Features



Appearance



Application scenarios



mobile office



Meeting



Shopping



game

Technical Specifications

H3000 HardwareSpecifications	
Hardware Specifications	MT7981B+MT7976CN+RTL8221B Dual Core 1.3GHZ DDR4 1GB 8GB EMMC (Optional 128G)
WIFI Chip	MT7976CN IEEE 802.11n/g/b/a/ac/ax, Max. 3000Mbps
Protocol Standards	IEEE802.11n/g/b/a/ac/ax, IEEE802.3/802.3u
Wireless Rate	574Mbps (2.4GHz)+2402Mbps (5GHz)
Operating Frequency Bands	2.4GHz 5.8GHz
output power	11n: 17dBm±1dBm 11g: 17dBm±1dBm 11b: 19dBm±1dBm 11a: 19dBm±1dBm 11ac: 18dBm±1dBm 11AX: 19dBm±1dBm
receiver sensitivity	11N HT20 MCS7: -72dBm 11N HT40 MCS7: -69dBm 11G 54Mbps: -74dBm 11B 11Mbps: -86dBm 11A 54Mbps: -73dBm 11AC VHT20 MCS8: -66dBm 11AX VHT20 MCS8: -66dBm
antennae	2* Built-in Wi-Fi antenna
interface	1*10/100/1000/2500Mbps LAN Port, Auto MDI/MDIX. 1*10/100/1000Mbps WAN Port, Auto MDI/MDIX. 1*USB 3.0 Interface 1*Type-C power connector 1*Reset button 1*Mode button
LED Lights	WIFI (Dual color LED)
Pushbuttons	1* Reset button
Power Adapter	Type-C, 5V/3A
Maximum Power Consumption	< 5W
Color	White (Can be customized)
Accessories and Packaging	

H3000 SoftwareSpecifications	
Factory Default Settings	IP Address: 192.168.1.1 User/Password: root/password
WAN Access Mode	PPPoE, Dynamic IP, Static IP
Operation Mode	Router (customizable to add AP mode);
DHCP server	DHCP Server Client List. Static address assignment.
Virtual Servers	Port forwarding. DMZ hosting.
Supported Systems	Original SDK, openwrt
Security Settings	Wireless encryption with support for WEP, WPA, WPA2 and other secure encryption modes
DDNS	Support
VPN	Support
WEB Theme Switching	Support
Bandwidth Control	Support
Static Routing	Support
System Log	Support
Other useful functions	Configuration file import and export Network software upgrade...
H3000 Other specifications	
working environment	Operating temperature: -20° C to 70° C.Storage temperature: -40° C to 90° C. Operating Humidity: 10% to 90%RH non-condensing. Storage Humidity: 5% to 90%RH non-condensing.