



MountainRange

WHOLE HOME MESH WIFI 6



Fine Point Technologies

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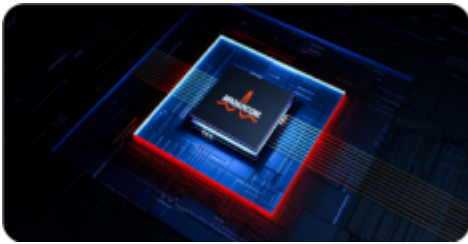


MountainRange

Whole Home Mesh WiFi6 System

The MountainRange Whole Home Mesh Wi-Fi 6 System delivers solid Wi-Fi coverage for up to 7,000 sqft with four independent wireless amplifiers and beam-forming technology. MountainRange is powered by Wi-Fi 6 technology with dual-band concurrency up to 2976Mbps, which is enhanced by 66%. The Wi-Fi 6 dual-band design and complete Gigabit port support can give full play to your high-speed broadband services. It has a powerful 1.7GHz 4-core CPU and 256MB large memory, which can handle more terminal device access. All terminals can simultaneously enjoy high-speed Wi-Fi, low latency for online games, and smooth 4K video and VR HD applications. It's easy to install and allows for automatic networking and MESH button networking. MountainRange delivers a high-speed and intelligent Mesh network for the whole home.

Main Features



Ultra-fast Whole Home Coverage

Armed with next-gen Wi-Fi 6 technology and a 1.7GHz Quad-Core Broadcom high-performance processor, MountainRange delivers a dual-band concurrent speed up to 3000 Mbps.



160MHz Bandwidth: Enjoy the power of Wi-Fi 6

Support 160MHz ultra-large bandwidth, and use with mobile phones that support 160MHz bandwidth, allowing signals to come and go freely on a wider track, 5G signal frequency band is up to 2402 Mbps, making the whole Internet experience more enjoyable.



Unstoppable Signal. Superior Coverage.

MountainRange boasts 4 independent wireless amplifiers and beam-forming technology that delivers a stronger, more stable signal capable of broadcasting through 3 walls with one node, expanding whole home Wi-Fi coverage up to 7,000 sqft from the front door to the backyard with three nodes.



One Wi-Fi Name, Smooth Seamless Roaming

MountainRange units work together under one unified network supported by 802.11k/v protocol and AP steering technology, creating seamless roaming experiences. Your devices will automatically connect to the best node as you move around in your house.



Just Plug and Mesh

Just connect an additional MountainRange device and it will automatically connect to other MountainRange devices to form a Mesh network.

Specification

Hardware Specification

Processor	1.7GHzQuad-CoreCPU
RAM	256MB DDR3
RF	CE: <20 dBm (2.4 GHz) <23 dBm (5 GHz) FCC: <30 dBm (2.4 GHz) <30 dBm (5 GHz)
Standard & Protocol	IEEE802.11a/b/g/n/ac/ax IEEE 802.3, IEEE 802.3u, IEEE 802.3ab
Ethernet Interface	3x 10/100/1000Mbps RJ45 ports per node
Antenna	4x 3dBi Internal antenna
Button	1x Reset Button, 1x MESH Button
LED Indicator	1x Tri-color LED Indicator(Green, Yellow, Red)
Power	Input: 100-240V—50/60Hz, 0.6A Output: 12V1.5A
Dimension	86x86x190mm (3.39 x3.39x 7.48 in)

Wireless Features

Wireless Standards	IEEE802.11a/b/g/n/ac/ax
Mesh network Standard	WiFi EasyMesh
Wireless roaming	Comply with IEEE802.11k/v
Rate	2.4GHz: 574Mbps (802.11ax) 5GHz: 2402Mbps (802.11ax)
Frequency	CE: 2.4G: 2412-2472MHz(CH1-CH13) 5G: 5150-5350MHz(CH36-CH64) FCC: 2.4G: 2412-2462MHz(CH1-CH11) 5G: 5150-5350MHz(CH36-CH64) 5725-5850MHz(CH149-CH165)
Basic Features	Beamforming MU-MIMO AP Steering Band Steering OFDMA 1024-QAM
Wireless Security	WPA3-SAE/WPA2-PSK

Specification

Software Features

Operating Mode	Router Mode, AP Mode
Internet Connection Type	PPPoE, Dynamic IP, Static IP, PPPoE(Russia), PPTP(Russia), L2TP(Russia)
DHCP Server	DHCP Server, DHCP Client List
Virtual Server	Port Forwarding, DMZ Host, UPnP
Parental Control	Client Filter URL Filter Time Limit
Firewall	Forbid TCP/UDP flood attack
VPN	PPTP Server, PPTP/L2TP Client
Management	MountainRange WiFi APP WEB (www.finepoint.com/mountainrange)
Others	Guest Network Firmware upgrade online IPv6 IPTV

Package Contents

3-Pack	Mesh12X* 3, Power adapter x 3, QIG x 1, RJ45 Gigabit Ethernet cable x 1
2-Pack	Mesh12X* 2, Power adapter x 2, QIG x 1, RJ45 Gigabit Ethernet cable x 1
1-Pack	Mesh12X* 1, Power adapter x 1, QIG x 1, RJ45 Gigabit Ethernet cable x 1

Others

Operating Temperature	0~ 40 °C
Storage Temperature	-40~ 70 °C
Operating Humidity	10%~90% RH , non-condensing
Storage Humidity	5%~90% RH , non-condensing
APP installation	Available in iOS 9.0 or later, Android 4.4 or later
Certification	CE, FCC, RoHS



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