MoFi Network MOFI4500-4GXeLTE
Rugged Enterprise Router
(with optional build in SIM card option)

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Super high performance mission critical enterprise metal rugged router that can be used as a standard high performance full N 300Mb/s router for use with any Cable/DSL/Satellite box or can use virtually any 3G/4G/LTE USB modem (portable internet). Various models are available including a built in SIM card slot option for all providers including AT&T, Verizon, T-Mobile, Rogers, Bell, Telus and more. The MOFI4500-4GXeLTE is a full pledge business class performance router with full VPN server, fail over protection and much more advance features tested and integrated for no extra cost to use these services. Now also includes both Android & iPhone USB tethering ability that are pre installed without needed a special firmware.

For home users, it does everything you would need and better yet, it is all plug and play. Put your 4G/LTE modem in the router and it auto detects your provider settings then optimizes itself for the best speed and performance using an exclusive advanced algorithm designed exclusively with our expert software team. If you play video games such as X-Box or PlayStation, the MOFI has optimized coding to ensure the best online experience possible and include continues tests to ensure compatibility with all devices.

The SIM Card slot models available for most providers including Verzion, AT&T, T-Mobile, Rogers, Bell, Telus and much more. Visit our site or speak to one of our reps for more details.

OVERVIEW
The MOFI4500-4GXeLTE is a high performance business class router that works with all Cable, DSL, ADSL, Satellite, CDMA, 3G, 4G, and LTE devices as well as a built in SIM card slot option to use without needed a special modem (just insert your sim card in router). Put your 4G/LTE stick or SIM card if you have that model in the back of the router and the MOFI will self configure itself and be transformed into a wireless and wired hotspot device (5 wired ports) with extended range technology. You can use up to 7 wireless SSID/Network name including guest accounts and is video game optimized to ensure the best and fastest online gaming experience. Fully compatible and tested with all Windows including Windows 10, iPad, smart phones, media streaming units and all other tablets/devices on the market.
Unique features such as Android & iPhone direct USB tethering and MOFI Blocker which is a parental control service that prevents annoying pop ups with website filtering/blocking resulting in a faster online experience. Use VOIP services with advance QoS optimization algorithms for smooth internet phone calls.
The MOFI4500-4GXeLTE will work with all Cable, DSL, ADSL, Satellite, CDMA, 3G, 4G, and LTE networks, and the best part is that it is easy to set up, just plug & play. This unit is great for home users as well as the advanced enterprise users who want a secure VPN router with server onboard, IP Pass-Thought, Fail Over, Muti-Wan, Mesh Network and much more.

The MOFI4500-4GXeLTE is the most advanced router on the market designed for speed and expandability designed by programmers that want the best but created for the mainstream consumer/business users with plug & play technology providing easy setup and implementation.

Advanced Wireless Security
The MOFI4500-4GXeLTE creates a secure Wi-Fi® network by supporting the latest wireless security features to prevent unauthorized access. It supports many security options including 64/128-bit WEP, WPA, and WPA2 + more commercial grade security options to ensure that you will be able to secure your Wi-Fi network, regardless of your client devices. In addition, the 3G/4G/LTE mobile router utilizes dual active firewalls (SPI and NAT) to prevent potential attacks from across the Internet.

Easy to install and Use
By connecting a USB modem into the USB port of MOFI4500-4GXeLTE, surfing the internet can be accessed and shared virtually anywhere within a wire or wireless broadband network. You can also directly connect Ethernet-based devices to its built-in 4-port full-duplex 10/100 switch. If you require more than 4 ports, you can get an external network hub or switch and the MOFI will allow access to any many machines as needed.

USB + SD Card Storage Server
By connecting a USB stick/USB Hard Drive or an SD memory card in the card slot, you can have access to all files on any device connected to the router.   This is great for anyone who wants access to their music and video files on their tablet pc where onboard storage may be an issue. This feature is also very useful for someone who wants to use the router as a storage server.

Printer Server
If you wanted to share your USB printer to many computers and be connected wireless, you can now. Just plug your USB printer in the back of the MOFI and all computers can print to the single printer at any time. This is great for customers that have a simple ink jet printer but would like to print from any computer connected to the router.

Wide Wireless Coverage
The product integrates with smart MIMO technology which overlays the signals of multiple radios that can successfully reduce "dead sports", increase in throughput and increase the wireless coverage range. If you require a larger range, you can install multiple MOFI units and our support team will help you set them up so that they can function as one network if needed, enabling you to have a much wider access if your location is large or want to get faster and stronger wifi access. Includes   2 high performance 5dBi antenna what can be interchanged to other high gain antenna if needed.

MAIN FEATURES

- Tri function as 3G/4G/LTE mobile broadband router and 4-port wireless-N up to 300Mb/s high performance dual channel wifi speeds as well as build in wireless repeater functions.
- Optional SIM Card Slot model that supports various providers including Verizon, AT&T, T-Mobile, Bell, Rogers, Telus, and much more
- Leaders in compatibility with 3G/4G/LTE internet modems around the world
- Easy setup wizard to configure router and wifi password with most advanced WPA2-PSK security
- Wall mountable rugged metal router great for RV's, Buses, Taxi Cabs & many other applications
- Remote Central Management Interface
- Wireless Bride/Repeater mode to extend your wireless range and/or have the ability to use an ethernet connection with any wifi signal including those from a hotspot device
- Mofi to Mofi router mode to allow multiple Mofi routers to be connected to form a high speed well wifi connected network
- Ability to assign a static public IP address for any device that requires one (many providers do not give you a public IP address anymore and you will need this for your DVR or anything that you need a direct connection for)
- Geo- location redirect service for Netflix, Hulu and other service you might be blocked from the USA version with our Super DNS service
- Share the internet with one internet 3G/4G/LTE stick with up to 255 devices in less than a minute
- Android & iPhone USB Tethering Compatible (Plug in your Android phone via USB port to enable USB Tethering)
- Up to 7 Unique SSID/Networks with full control including Guest accounts
- MOFI Ad Blocker/Parental control built in to prevent annoying pop ups and increase the speed of your online experience. Block any website at the click of a button such as facebook or anything you wish to block
- Full bandwidth monitoring where you can view the usage of every device connected and have ability to limit bandwidth if required
- Parental screen to set automatic limit or access by time on any device connected
- Video games optimized mode for best online gaming experience including auto port forwarding for all Xbox, Playstation and more
- Unique Auto Port forwarding feature where port forwarding can be done without having to supply an IP address (great for DVR's)
- Super Fast (wireless speeds up to 300Mb/s full N speeds) up to 1000 ft range
- Virtual Private Network (VPN) + OPENSWAN IPSec and OpenVPN Support
- Multi-Wan and Load Balancing with fail safe (if one connection fails, can set to auto connect to another)
- WiFi Fail Over (great for boater or anyone that gets free wifi and only use 4G/LTE when not in range)
- Fail Safe Boot Loader than can restore router on bad flash or failed firmware update
- USB and Hard Drive Storage Server via SAMBA (share your files via a usb stick or hard drive)
- USB Print Server to allow a regular USB inkjet printer become a network printer
- Full Advance Quality of Service (QOS Support)
- Detachable 5dBi antennas allowing flexible gain performance antennas
- Dynamic DNS full support including customized option
- True DMZ not Pseudo DMZ Zone
- True IP-Pass-Through
- VPN Services & Termination - Device to Cisco, Linxu, Juniper IPSec, L2TP & more
- Standalone VPN & DHCP Server
- Front SD Memory Card Slot for extra storage
- Free Toll Free Technical Support and many more features included that is not listed here

2Protocol/Standards

- IEEE802.11b/g and 11n
- IEEE 802.3 10/100, IEEE 802.3u
- USB 2.0

Network Support

- 3G/4G/LTE connectivity via a 3G/4G/LTE USB Modem
- DHCP, PPPoE, PPTP, PPP, PPPoATM, Relay, DHCP and Static IP connectivity
- MAC cloning support, MAC filtering including default expect and deny
- IP/TCP/UDP/ICMP Application support
- Network Address Translation (NAT)
- DHCP Server/client DNS Relay
- Full Dynamic DNS support including custom support
- IPV4 and IPV6 Support
- Standalone DHCP Server

Wireless Support

- Modulation Support
- IEEE802.11b (DSSS): DBPSK: 1 Mbps, DQPSK: 2 Mbps, CCK: 5.5/11 Mbps
- IEEE802.11g (OFDM/DSSS): BPSK: 6/9 Mbps, QPSK: 12/18 Mbps, QAM-16: 24/36 Mbps, QAM-64 : 48/54 Mbps
- IEEE802.11n (OFDM/DSSS): BPSK, QPSK, QAM-16, QAM-64
- Frequency Band 2.4GHz – 2.4835GHz
- Wireless Security Support: WEP (64/128 bit), WPA-PSK Personal / WPA2-PSK Personal, TKIP, AES, Stealth AP (Hidden ESSID, Deny any Access), MAC Address Filtering, WPA-EAP, WPA2-EAP

Security Support

- NAT for basic Firewall support
- Packet Filtering Firewall support
- Stateful Packet Inspection support
- Protection against Denial of Service attacks
- Password Authentication For Router
- SSH Full Access
- SSH-Keys Access
- Dynamic WPS Press Button Access
- Encrypted Password Protect Mode

Wireless Transmit Power

- 802.11b (1 antenna): 22 +/- 1 dBm
- 802.11g (1 antenna): 21 +/- 1 dBm
- 802.11n (2 antenna): 21 +/- 1 dBm

PHYSICAL SPECIFICATION

LED Indicators

- 1 x Power LED/Booting Status LED
- 4 x Ethernet Link Status LED
- 1 x WAN Link Status
- 1 x Wireless LAN Link Status LED
- 1 x Internet or 3G/4G/LTE Connection Status LED

External Connectors

- 1 x DC Jack for Power Input (110-220V input, 12V DC output)
- 4 x RJ45 for LAN port (can be used as multi WAN ports)
- 1 x RJ45 for WAN port (can be used as a LAN port)
- 1 x Front USB 2.0 Port
- 1 x Factory Default Reset Button

Physical Dimension

- 110 mm x 85 mm x 30 mm
- Weight 340gram or 0.75 lb (including 2 x 5dBi wifi antenna)

Temperature

- Operating: -30 to 70 degrees Celsius (-22 to 158 degrees Fahrenheit)

Humidity

- Operating: 30% to 80% Relative Humidity (Non-Condensing)

NOTE : Specifications subject to change without prior notice.