

# ML161

## 4.5G Modem/Router

### Description

The LEANOTEK 4.5G Modem gives you a simple LTE connectivity solution for your devices, avoiding disruptions in broadband when your fixed wire line goes down. Simply connect this modem directly to your router, switch or computer to provide an automatic 4.5G or 3G/2G broadband backup connection with download speeds of up to 300 Mbps. It has also an Ethernet WAN port so that you can plug in and share connection with all your Wi-Fi and wired devices. The LEANOTEK 4.5G Modem is also compact, convenient, and simple to setup.



### Specifications

<b>Hardware Specification</b>	LTE Chipset: Qualcomm, DDR:128 MB, Flash 32MB WiFi Chipset: Mediatek
<b>LTE Standard</b>	3GPP Release 11
<b>Button</b>	WPS, Reset
<b>USIM</b>	1.8V/3V 2FF
<b>LTE Specification</b>	Category: 6 (300Mbps Downlink, 50Mbps Uplink) Antenna: 5.5dBi Internal – 4x2 MIMO
<b>Wi-Fi Specification</b>	Rate: 2.4GHz (300Mbps) Antenna: 2.4GHz 5dBi Internal Frequency: 802.11b/g/n (2.412GHz-2.482GHz)
<b>Physical Ports</b>	4*ETH RJ45 LAN Port 10/100 Auto-Sensing, Auto-MDI/MDIX 1*SIM Card Holder
<b>Number of Concurrent Users</b>	32
<b>IP Index – Dual Stack</b>	IPV4/IPV6
<b>Operation Mode</b>	Router/NAT
<b>TR069</b>	Support
<b>Cell Lock</b>	Support
<b>L2/L3 Firewall</b>	Support
<b>NAT Mode</b>	Support

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<b>DHCP</b>	Support
<b>DMZ</b>	Support
<b>GRE Tunneling</b>	Support
<b>Multi APN</b>	Support
<b>IP Routing</b>	Support
<b>SSH/Telnet</b>	Support
<b>Port Forwarding</b>	Support
<b>PPTP, L2TP VPN client</b>	Support
<b>Web base Management - GUI</b>	Support
<b>Working Frequency</b>	LTE-FDD: B1/B3/B5/B7/B8/B20/B28/B32 LTE-TDD: B38/B40/B41 2 ×CA: B1+B1/B5/B8/B20/B28; B3+B3/B5/B7/B8/B20/B28; B7+B5/B7/B8/B20/B28; B20+B32; B38+B38; B40+B40; B41+B41 WCDMA: B1/B3/B5/B8 GNSS: GPS/GLONASS/BeiDou (Compass)/Galileo/QZSS (Optional)
<b>Working Environment</b>	Operating Temperature: -35 °C to +75 °C Extended Temperature: -40 °C to +85 °C
<b>Power</b>	Input Universal Range 100~240V AC , Output : 12V/1.0A DC
<b>Power Consumption</b>	<12W
<b>Case</b>	ABS Material, Plastic case
<b>Physical Features</b>	205*170*50 mm