

# KEENETIC



## RUNNER **4G**

### N300 Mesh Wi-Fi 4G Modem Router with a 4-Port Smart Switch

#### KEY FEATURES

- **Model number**  
KN-2210
- **CPU**  
MT7628N 575 MHz
- **RAM**  
128 MB DDR2
- **Flash memory, Dual Image**  
32 MB
- **Wi-Fi class**  
N300
- **Antennas**  
5 dBi
- **Ethernet ports**  
4 x 100 Mbps
- **WPS/Wi-Fi button**
- **3G/4G connection**  
Built-in Qualcomm Snapdragon X5 LTE modem
- **Mesh Wi-Fi System**

#### PERFORMANCE

- **2,4 GHz Wi-Fi network**  
300 Mbit/s\*
- **IPoE/PPPoE routing**  
Up to 95 Mbit/s
- **L2TP/PPTP routing**  
Up to 95 Mbit/s

#### MOBILE NETWORK

- **Supports 4G**
- **Supports 3G**
- **Maximum network speed**  
Up to 150 Mbit/s (Cat.4)
- **Detachable 4G antennas with SMA connectors**  
4 dBi
- **Micro SIM card slot**
- **SMS receiving/sending**
- **USSD request support**
- **Supported bands**  
FDD-LTE B1/B3/B7/B8/B20 (2100/1800/2600/900/800 MHz),  
TDD-LTE B38/B39/B40/B41 (2600/1900/2300/2500 MHz),  
DC-HSPA+/HSPA+/HSPA/HSDPA/HSUPA/  
WCDMA B1/B8 (2100/900 MHz)

#### WIRELESS NETWORK

- **Seamless roaming 802.11k/r/v**
- **Pre-configured Wi-Fi protection**
- **WEP, WPA-PSK**
- **WPA2-PSK, WPA2-Enterprise**
- **WPA3-PSK, WPA3-Enterprise, OWE**
- **Multi-SSID and Guest Network**
- **Access control by MAC address**
- **Wi-Fi Multimedia (WMM)**

## FEATURES AND PROTOCOLS

- IPoE, PPPoE, PPTP, L2TP, 802.1x
- Multi-WAN
- Policy routing
- Internet connection backup
- Ping Check connectivity monitor
- PPPoE/PPTP/L2TP pass-through
- VLAN IEEE 802.1Q
- Routing table (DHCP/Manual)
- IntelliQoS
- DHCP (client/server)
- IPv6 Dual Stack
- NAT
- IGMP
- UDP to HTTP proxy
- UPnP
- Manual port forwarding
- SPI firewall with protection against DoS attacks
- PPTP (client/server)
- L2TP over IPsec client/server
- OpenVPN client/server
- SSTP client/server
- Ethernet-over-IP, IP-IP, GRE
- IPsec VPN (client/server)
- WireGuard
- Dynamic DNS client
- Direct or cloud access via KeenDNS
- HTTPS security for access via KeenDNS
- SafeDNS parental control
- AdGuard ad blocker
- Traffic statistics per client
- Bandwidth limit per client
- Access schedule per client or interface
- Guest hotspot with authentication (Captive Portal)

## TROUBLESHOOTING AND MANAGEMENT

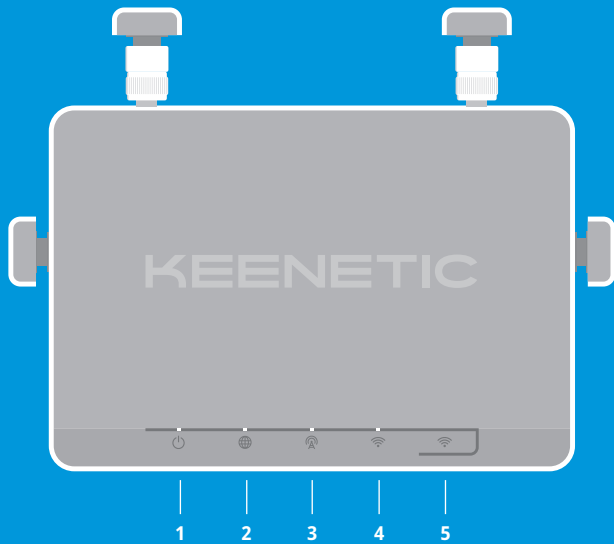
- Mobile app for Android and iOS
- Web Interface with the Initial Setup Wizard and HTTPS security
- Command Line (CLI) via TELNET/SSH
- An option to control from external network
- Backup and restore configuration
- Automatic OS updates
- System event logging

## PHYSICAL SPECIFICATIONS AND ENVIRONMENT REQUIREMENTS

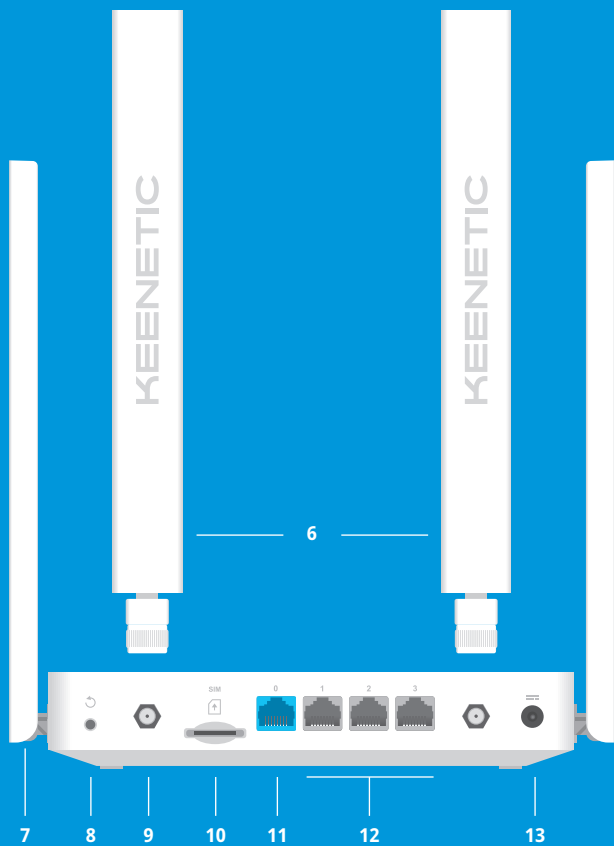
- **Device dimensions excluding antenna, w x d x h**  
159mm x 110mm x 29mm
- **Device weight**  
236 g
- **Operating temperature**  
0–40°C
- **Operating humidity**  
20 – 95% non-condensing
- **Power supply voltage**  
100-240V 50/60 Hz

## PACKAGE CONTENTS

- Device
- 4G antennas
- Power adapter
- Ethernet cable
- Quick start guide



1. Status LED
2. Internet LED
3. Mobile Network LED
4. Wi-Fi LED
5. Wi-Fi Control Button
6. 4G Antennas
7. Wi-Fi Antennas
8. Reset Button
9. 4G Antenna Connectors
10. SIM Card Slot
11. Ethernet Port 0 (WAN)
12. Ethernet ports 1, 2 & 3 (LAN)
13. DC Power Socket



## ORDERING INFORMATION

Model name	Part-number	Short description
Keenetic Runner 4G (KN-2210)	KN-2210-01EN	N300 Mesh Wi-Fi 4G Modem Router with a 4-Port Smart Switch

\*300 Mbps is maximum wireless signal rate derived from 802.11n specifications, used when connecting to clients using two spatial streams and an 40 MHz channel bandwidth for transmission and reception. Actual data throughput and wireless coverage will vary and may be lowered by the features and settings of the equipment, the number of client devices in the network, obstacles to signal propagation, the presence of other wireless networks, and/or radio interference.

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