KEENETIC

CARRIER

AC1200 Mesh Wi-Fi 5 Router with a 5-Port Smart Switch and USB Port

KEY FEATURES

- **Model number**
  KN-1711
- **CPU**
  MT7628N 580 MHz
- **RAM**
  128 MB DDR2
- **Flash memory, Dual Image**
  32 MB
- **Wi-Fi 2.4 + 5 GHz**
- **Wi-Fi class**
  AC1200
- **Antennas**
  5 dBi
- **Ethernet ports**
  5 x 100 Mbps
- **WPS/Wi-Fi button**
- **FN button**
- **USB ports**
  USB 2.0
- **3G/4G connection**
  Via a compatible USB modem
- **Telephony support**
  With Keenetic Linear (sold separately)
- **Mesh Wi-Fi System**

PERFORMANCE

- **2,4 GHz Wi-Fi network**
  300 Mbit/s*
- **5 GHz Wi-Fi network**
  867 Mbit/s*
- **IPoE/PPPoE routing**
  Up to 95 Mbit/s
- **L2TP/PPTP routing**
  Up to 95 Mbit/s
- **Reading from a USB drive**
  Up to 12 MB/s

WIRELESS NETWORK

- **Seamless roaming 802.11k/r/v**
- **MU-MIMO**
- **Airtime Fairness**
- **Beamforming**
- **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)**

USB APPLICATIONS

- **3G and 4G (LTE) USB modems support**
- **RAS, NDIS, CDC-Ethernet, QMI support**
- **File server and personal cloud**
- **FAT, FAT32, exFAT, NTFS, EXT2, EXT3, EXT4, HFS+ support**
- **CIFS/SMB**
- **AFP**
- **FTP, SFTP**
- **WebDAV**
- **Time Machine, File History support**
- **Support for third-party extension packages from the Entware and Debian repositories**
- **Download Station**
- **File server**
- **Media server**
- **Print server**

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**
  242 g
- **Operating temperature**
  0–40°C
- **Operating humidity**
  20 – 95% non-condensing
- **Power supply voltage**
  100-240V 50/60 Hz

PACKAGE CONTENTS

- **Device**
- **Power adapter**
- **Ethernet cable**
- **Quick start guide**
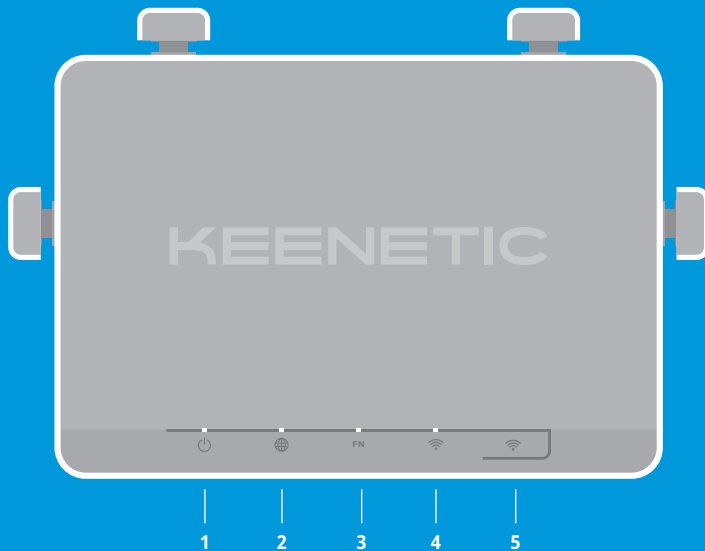
1. Status LED
2. Internet LED
3. FN LED
4. Wi-Fi LED
5. Wi-Fi Control Button
6. Wi-Fi Antennas
7. Reset Button
8. Network Port 0
9. Network Ports 1–4
10. DC Power Socket
11. USB 2.0 Port
12. FN Button
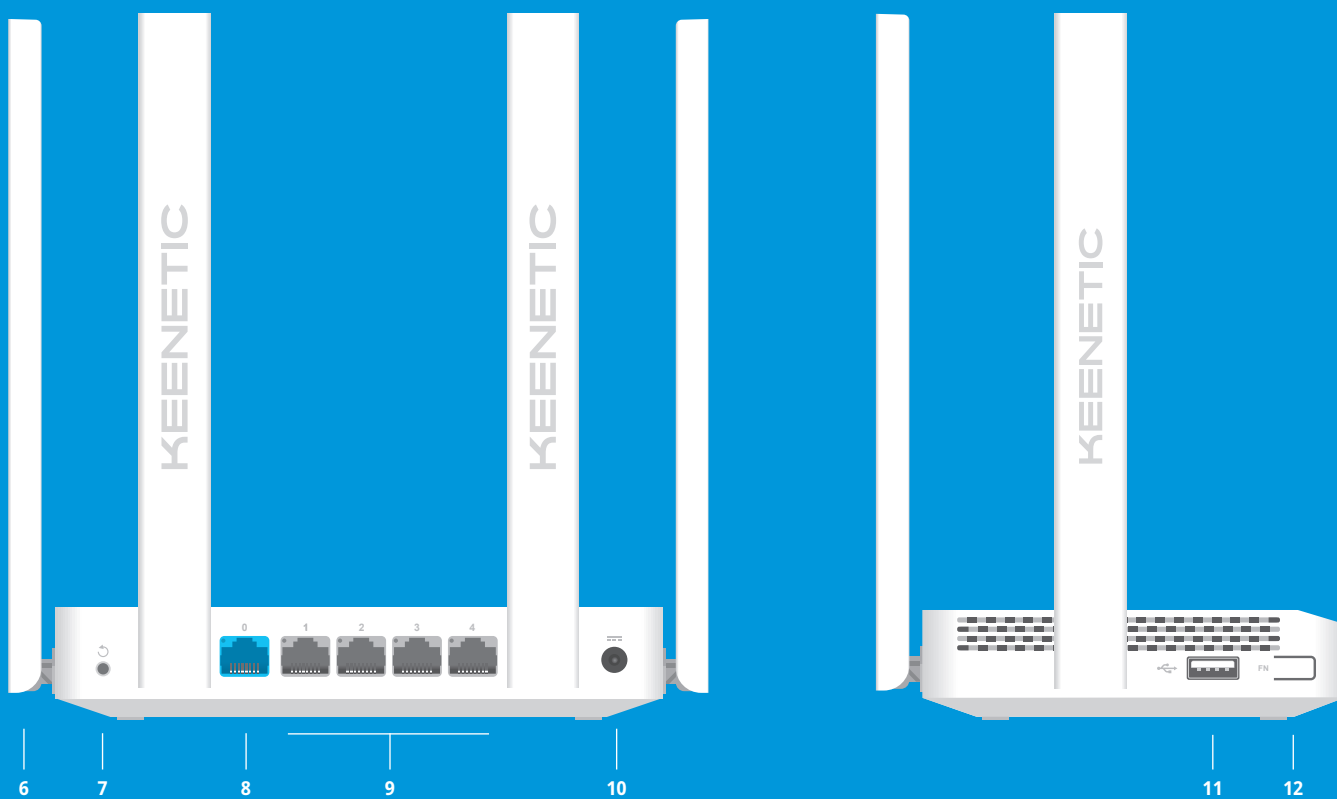
ORDERING INFORMATION

Model name	Part-number	Short description
Keenetic Carrier (KN-1711)	KN-1711-01EN	AC1200 Mesh Wi-Fi 5 Router with a 5-Port Smart Switch and USB Port

*300 and 867 Mbps are maximum wireless signal rates derived from 802.11n/ac specifications, used when connecting to clients using two spatial streams and an 40/80 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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