# KEENETIC

# VOYAGER PRO

**AX1800 Mesh Wi-Fi 6 Router/Extender/Access Point with 2-Port Gigabit Smart Switch and Power over Ethernet**

## KEY FEATURES

- **Model number**
  KN-3510
- **CPU**
  MT7621A 880 MHz, dual core
- **RAM**
  256 MB DDR3
- **Flash memory, Dual Image**
  128 MB
- **Wi-Fi 2.4 + 5 GHz**
- **Wi-Fi class**
  AX1800
- **Antennas**
  4 dBi
- **Dedicated Wi-Fi Spectrum Analyser**
- **Bluetooth**
  5.1
- **Ethernet ports**
  2 x 1 Gbps: 1 x RJ-45, 1 x RJ-45 + PoE
- **WPS/Wi-Fi button**
- **Mesh Wi-Fi System**
  Yes, with physical selector

## PERFORMANCE

- **2,4 GHz Wi-Fi network**
  574 Mbit/s*
- **5 GHz Wi-Fi network**
  1201 Mbit/s*
- **IPoE/PPPoE routing**
  Up to 1800 Mbit/s in duplex
- **L2TP/PPTP routing**
  Up to 800 Mbit/s

## WIRELESS NETWORK

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

- Cloud-based Remote Network Monitoring 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
  170mm x 170mm x 38mm
- Device weight
  488 g
- Operating temperature
  0–40°C
- Operating humidity
  20 – 95% non-condensing
- Power supply voltage
  100-240V 50/60 Hz; 802.3at (PoE+)

## PACKAGE CONTENTS (Single)

- Device
- Power adapter
- Ethernet cable
- Wall / ceiling mounting kit
- Quick start guide

## PACKAGE CONTENTS (4-Pack)

- Device*4
- Wall / ceiling mounting kit*4
- Quick start guide
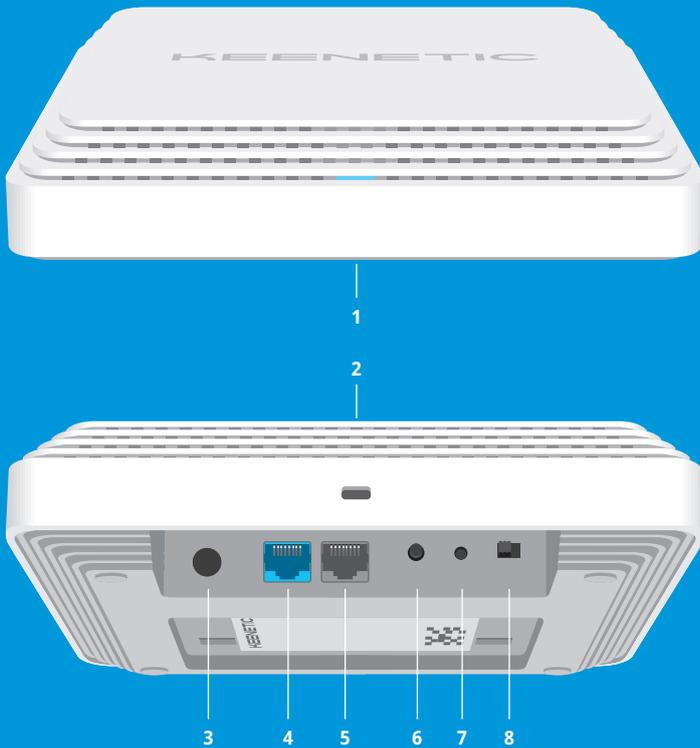
1. Status LED
2. Kensington Security Slot™
3. DC Power Socket
4. Network Port 0 - PoE
5. Network Port 1
6. Wi-Fi Control Button
7. Reset Button
8. Operating Mode Switch
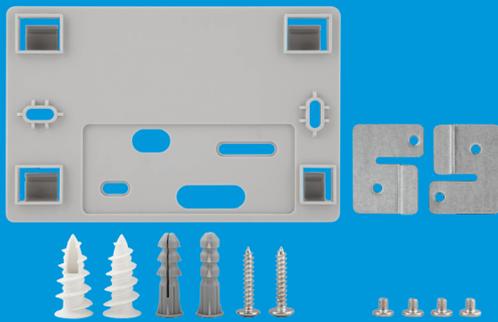
Mounting kit

## Ordering information

| Model name | Part-number | Short description |
|---|---|---|
| Keenetic Voyager Pro (KN-3510) | KN-3510-01EN | AX1800 Mesh Wi-Fi 6 Router/Extender/Access Point with 2-Port Gigabit Smart Switch and Power over Ethernet. |
| | KN-3510-41EN | AX1800 Mesh Wi-Fi 6 Router/Extender/Access Point with 2-Port Gigabit Smart Switch and Power over Ethernet. 4-pack |

*1201 and 574 Mbps are maximum wireless signal rates derived from 802.11ax specifications, used when connecting to clients using two spatial streams and an 80/40 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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