



KEENETIC

ORBITER **PRO**

AC1300 Mesh Wi-Fi 5 Router/Extender/Access Point with 2-Port Gigabit Smart Switch and Power over Ethernet

KEY FEATURES

- **Model number**
KN-2810
- **CPU**
MT7621A 880 MHz, dual core
- **RAM**
128 MB DDR3
- **Flash memory, Dual Image**
128 MB
- **Wi-Fi 2.4 + 5 GHz**
- **Wi-Fi class**
AC1300
- **Antennas**
4 dBi
- **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**
400 Mbit/s*
- **5 GHz Wi-Fi network**
867 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**
- **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

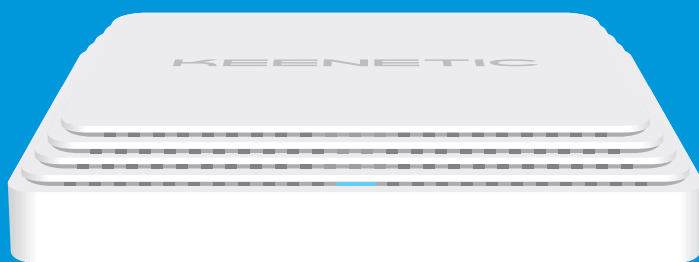
- **Device dimensions excluding antenna, w x d x h**
170mm x 170mm x 38mm
- **Device weight**
488 g
- **Operating temperature**
0–40°C
- **Operating humidity**
20 – 95% non-condensing
- **Power supply voltage**
100-240V 50/60 Hz; 802.3af/at (PoE/PoE+)

PACKAGE CONTENTS (Single)

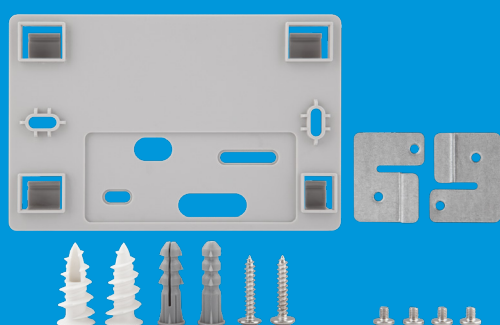
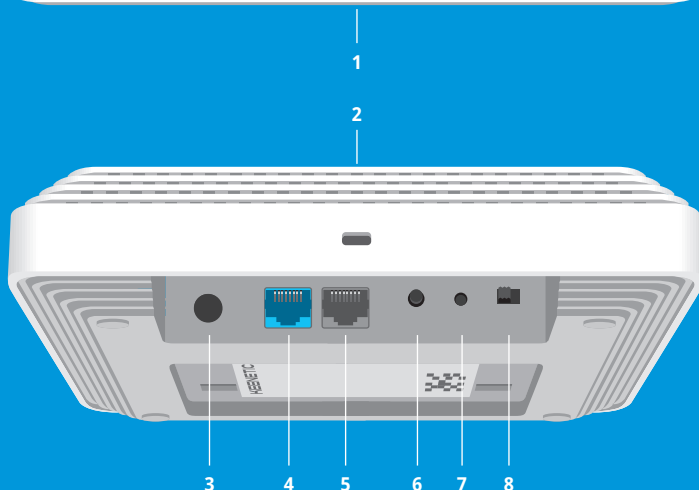
- Device
- Power adapter
- Ethernet cable
- Wall / ceiling mounting kit
- Quick start guide

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 Orbiter Pro (KN-2810)	KN-2810-01EN KN-2810-41EN	AC1300 Mesh Wi-Fi 5 Router/Extender/Access Point with 2-Port Gigabit Smart Switch and Power over Ethernet. AC1300 Mesh Wi-Fi 5 Router/Extender/Access Point with 2-Port Gigabit Smart Switch and Power over Ethernet. 4-pack

*400 and 867 Mbps are maximum wireless signal rates derived from 802.11n(265QAM)/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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