



Genexis Elite HX30

Elite Series

Wi-Fi 6 Residential Gateway with 2.5GE



The Elite HX30 is a powerful gateway designed to deliver exceptional in-home Wi-Fi 6 performance and robust broadband connectivity. Equipped with 2.5GE WAN and 2.5GE LAN ports, it supports high-speed fiber and cable access, ensuring seamless internet experiences for demanding households.

Genexis Elite HX30 Wi-Fi 6 Elite router provides the end-user with next generation Wi-Fi technology

on 2.4 GHz and 5 GHz band. Designed for high speeds with optimized ventilation and antenna performance.

EasyMesh allows you to add additional nodes to optimize your Wi-Fi coverage throughout your home. The HX30 is powered by IOWRT, the most advanced operating system for mesh and gateways, based on openWRT.

Key features

- Compact and modern design for flexible placement
- 802.11 ax (Wi-Fi 6)
- AX3000: 600Mbps (2.4GHz) + 2.400Mbps (5GHz)
- Wi-Fi EasyMesh™
- 2.4GHz (2x2) and 5GHz (3x3) radio design
- High network speed with 2.5GE WAN + 2.5GE LAN
- Easy setup/installation
- EasyTouch Pairing with selected Genexis devices
- Genexis CloudSight compatible

Sustainability features

- Housing made of 99% recycled plastics
- Designed for refurbishment
- Power consumption compliant to EU-CoC-BBE

Always the best Wi-Fi experience with Wi-Fi EasyMesh™

When two (or more) Elite HX30 devices are integrated in the same network, automatically an EasyMesh network is created between the installed Elite HX30 devices.

Thanks to this EasyMesh network, end-users are able to fully experience the best Wi-Fi connectivity throughout the whole home. Its mobile steering capabilities keep the load balance of the network in mind to steer the mobile devices to the correct access point.

Meaning that when the end-user freely walks through the home, it automatically connects to the most optimal access point at all time.

Resulting in the best possible Wi-Fi experience for the end-user.



Product features and specifications

Genexis Elite HX30

General specifications

Dimensions (H x W x D)	165x214x80 mm
Weight approx.	480 grams
Power supply voltage	12 Vdc $\pm$ 2A
Operating temperature	0 - 40 °C
Storage temperature	-30 - 70 °C
Relative humidity	10% - 95%

Power consumption (EU-CoC-BBE)

Elite HX30	9.92 W - Idle Mode
	11.46 W - On Mode

WAN interface

1x 10/100/1000/2500 Base-T Ethernet RJ45

LAN interface

1x 10/100/1000/2500 Base-T Ethernet RJ45
3x 10/100/1000 Base-T Ethernet RJ45

WLAN interface

2x2 MU-MIMO 802.11 ax 2.4 GHz WiFi
3x3 MU-MIMO 802.11 ax 5 GHz WiFi

Voice interface

1x FXS RJ11 port

USB interface

1x USB 2.0 port

User interfaces

Power connector
Power switch
Reset button
WPS button
RGB status LED
End-user web based GUI

Wireless features

Wi-Fi MultiMedia (WMM)
Wi-Fi Protected Setup (WPS)
Wi-Fi Security (WPA2 and WPA3)
Wi-Fi EasyMesh™ R4
DFS and Radar Detection
Multiple SSID and hidden SSID
Guest network SSID

Ethernet features

IPv4 and IPv6 dual IP stack
VLAN (un)tagging, Q-in-Q, QoS
PPPoE, L2TP, IGMPv3

Gateway features

NAT/PAT, DHCP, DNS
NTP, RTSP
Stateful Packet Inspection Firewall (SPIF)
DMZ, uPnP, Port forwarding

USB features

NTFS and FAT32 file system storage devices

Management and control

TR-069, TR-369
TR-181 data models
Command Line Interface (CLI)
WebGui
Genexis EasyWiFi app
Genexis CloudSight
Fail-safe firmware upgrade
Android and IOS app

Regulatory compliance

Radio Equipment Directive 2014/53/EU
EU-CoC-BBE power consumption
Energy Related Products Directive 2009/125/EC
CE Safety Directive 2014/35/EU
RoHS and REACH Directive 2011/65/EU
ITU-T K.21 standard compliancy

Package content

Elite HX30
Power supply unit
Ethernet cable
Quick installation guide

Genexis Elite HX30 product models

Model	Type	Uplink WAN (Mbps)	LAN (Mbps)		WLAN 2x2 2.4 GHz	WLAN 3x3 5.0 GHz	FXS	USB
Elite HX30	Wi-Fi 6 Residential Gateway with 2.5GE	10/100/1000/2500	1x	10/100/1000/2500	11ax	11ax	1x	1x
			3x	10/100/1000				

Note: Not every listed feature may be included in the shipping product. We reserve the right to make changes of technical specifications, housing or design without prior notice.