



## Genexis Home CX20

### Home Series

Wi-Fi 6 Extender with 1GE

To eliminate dead zones without adding complexity, your customers' homes deserve an extender that works seamlessly with their Genexis gateway.

Home CX20 is designed for that role: dual-band Wi-Fi 6 with Wi-Fi EasyMesh™ ensures smooth roaming and consistent coverage, while a gigabit Ethernet port allows wired backhaul for maximum stability.

#### Key features

- Compact size, flexible placement options
- 802.11ax (Wi-Fi 6)
- Wi-Fi EasyMesh™
- 2.4GHz (2x2) and 5GHz (2x2) radio design
- Easy setup/installation
- EasyTouch Pairing with selected Genexis devices
- Genexis CloudSight compatible

#### Sustainability features

- Power consumption compliant to EU-CoC-BBE

Paired by a Genexis Wi-Fi 6 gateway, CX20 extends performance room-to-room so streaming, gaming, and smart-home devices operate at their intended speeds without extra setup.

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

When two (or more) Home CX20 devices are integrated in the same network, automatically an EasyMesh network is created between the installed Home CX20 devices.

Thanks to this EasyMesh network, end-users are able to fully experience the best WiFi 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 WiFi experience for the end-user.



# Product features and specifications

## Genesis Home CX20

### General specifications

Dimensions (H x W x D)	110x110x110 mm
Weight approx.	380 g
Power supply voltage	12 Vdc ± 1,5A
Operating temperature	0 - 40 °C
Storage temperature	-30 - 70 °C
Relative humidity	10% - 95%

### Power consumption

Home CX20	5.5 W Idle Mode
	5.7 W On Mode

### WAN interface

1x 100/1000 Base-T Ethernet RJ45 port

### LAN interface

1x 100/1000 Base-T Ethernet RJ45 ports

### WLAN interface

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

### User interfaces

Power connector  
 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

### Management and control

SNMP  
 TR-069, TR-369  
 TR-181 data models  
 Command Line Interface (CLI)  
 WebGui  
 Genesis EasyWiFi app  
 Genesis CloudSight  
 Fail-safe firmware upgrade

### Regulatory compliance

Radio Equipment Directive 2014/53/EU  
 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

Home CX20  
 Power supply unit  
 Ethernet cable  
 Quick installation guide

## Genesis Home CX20 product models

Model	Type	Uplink WAN (Mbps)	LAN (Mbps)		WLAN 2x2 2.4 GHz	WLAN 4x4 5.0 GHz
Home CX20	In-Home WiFi: wired extender/wireless extender	100/1000	1x	100/1000	11ax	11ax

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.