



Genexis Aura E750

Wi-Fi 7-Series

Wi-Fi 7 Residential Gateway with 2.5GE

In the continuous quest for great user experiences, your customers' home deserves the best.

The Aura E750 combines state-of-the-art hardware with best-in-class IOWRT software. Aura E750 delivers on the promise of unlocking the connected home, enabling great user experiences driven by application integrations.

The powerful memory configuration enables application download opportunities. Wi-Fi 7 paired with 2.5GE interfaces ensures uninterrupted performance for all connected devices.

A router should match your lifestyle, be sustainable, and effortless to use. The Aura series of products meets all these needs!

Key features

- 802.11be (Wi-Fi 7)
- Wi-Fi EasyMesh™
- BE7200: 1.400 Mbps (2.4 GHz) + 5.800 Mbps (5 GHz)
- Multi-Link Operation (MLO)
- 4096-QAM/160 MHz
- Multi-RU puncturing
- High network speeds with 2.5GE WAN and 2.5GE LAN ports
- Easy setup/installation
- EasyTouch pairing with EasyMesh extenders
- Analog telephony support
- Desktop model
- Genexis CloudSight compatible

Sustainability features

- Housing made of 90% recycled plastics
- Designed for easy refurbishment
- Power consumption compliant to EU-CoC-BBE

The base for full home Wi-Fi experience with Wi-Fi EasyMesh™

The Aura is the perfect residential gateway gateway to build and steer a full home EasyMesh™ network, orchestrating multiple extenders.

Thanks to the Aura's award-winning software, subscribers are able to enjoy the outstanding Wi-Fi connectivity throughout their whole home. The Aura's steering capabilities optimize the load balance of the home network. This secures for example that running data streams, like a videocalls, that move throughout the house is allocated to the optimal access point at all times.



Product features and specifications

Genexis Aura E750

General specifications

Dimensions (H x W x D)	217x170x55 mm
Weight	618 g
Power supply voltage	2.5 A
Operating temperature	0 - 40 °C
Storage temperature	-25 - 55 °C
Relative humidity	10% - 95%

Power consumption (EU-CoC-BBE)

Aura E750	6.31 W Ready mode
	8.26 W On mode

WAN interface

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

LAN interface

2x 10/100/1000/2500 Base-T Ethernet RJ45
 2x 10/100/1000 Base-T Ethernet RJ45

WLAN interface

4x4 MU-MIMO 802.11be 2.4 GHz Wi-Fi
 4x4 MU-MIMO 802.11be 5 GHz Wi-Fi

Voice interface

1x FXS RJ11 port

USB interface

1x USB 2.0 port

User interfaces

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

Wireless features

Wi-Fi MultiMedia (WMM)
 Multi-Link Operation (MLO)
 4096-QAM / 160 MHz
 Wi-Fi Protected Setup (WPS)
 Wi-Fi Security (WPA2 and WPA3)
 Wi-Fi EasyMesh™ R6
 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

Voice features

SIP based Voice-over-IP
 G.711 / G.722 / G.723 codec
 G.726 / G.729 codec
 DTMF: In-band, RFC2833, SIP-info
 3 REN support
 Class 5 features
 DECT CAT-iq 2.1 (Aura E755 only)

USB features

NTFS and FAT32 file system storage devices

Management and control

TR-069, TR369
 TR-181, TR-104 data models
 Command Line Interface (CLI)
 Web based GUI
 Genexis EasyWiFi App
 Genexis CloudSight
 Fail-safe firmware upgrade

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
 UKCA Safety Regulations 2016
 RoHS and REACH Directive 2011/65/EU
 ITU-T K.21 standard compliancy

Package content

Aura E750
 Power supply unit
 Ethernet cable
 Quick installation guide

Genexis Aura Series product models

Model	Uplink WAN (Mbps)	LAN (Mbps)		Wi-Fi 4x4 2.4 GHz	Wi-Fi 4x4 5.0 GHz	FXS	USB	DECT
Aura E750	100/1000/2500	2x 2x	100/1000/2500 100/1000	11be	11be	1x	1x	-
Aura E755	100/1000/2500	2x 2x	100/1000/2500 100/1000	11be	11be	1x	1x	Yes

Note: No rights can be derived from this publication. Not every listed feature may be included in the shipping product. We reserve the right to make changes without prior notice.