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Genexis Pure E600

Pure Series

Full speed, seamless connectivity

After a home is connected to fiber, this fiber connectivity needs to be distributed throughout the home. Homes differ in shape and size and end-user require different types of services and connectivity options.

Therefore, from our Connected Home product line, we present the Pure E600.

Key features

- 802.11ax (Wi-Fi 6)
- Wi-Fi EasyMesh™
- 5GHz (4x4) and 2.4GHz (2x2) radio design
- Easy setup/installation
- EasyTouch Pairing with selected Genexis extenders
- Analogue telephony support
- Desktop model and wall-mount compatible
- Genexis CloudSight compatible

The Pure E600 is a versatile multiport router, with Wi-Fi 6 (5400 Mbps), Wi-Fi EasyMesh™, 4 LAN ports and 2 voice ports. This allows for supreme connectivity for the end-user.

Turning the fiber connection into a real fiber experience.

The start for the best WiFi experience with Wi-Fi EasyMesh™

The Pure E600 is the perfect residential gateway to start, steer and create an EasyMesh network between different extenders.

Thanks to this EasyMesh Network, end-users are able to fully experience the best WiFi connectivity throughout the whole home. Its steering capabilities keep the load balance of the network in mind to steer mobile devices to the correct access point (requires additional range extenders).

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 Pure E600

General specifications

Dimensions (H x W x D)	38x156x232 mm
Weight approx.	420 g
Power supply voltage	12 Vdc ± 5% 2A
Operating temperature	0 - 45 °C
Storage temperature	-25 - 70 °C
Relative humidity	10% - 95%

Power consumption (EU-CoC-BBE)

Pure E600	6.4 W Idle Mode
	7.7 W On Mode

WAN interface

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

LAN interface

4x 10/100/1000 Base-T Ethernet RJ45 ports

WLAN interface

2x2 MU-MIMO 802.11ax 2.4 GHz WiFi
 4x4 MU-MIMO 802.11ax 5 GHz WiFi

User interfaces

Power connector
 Power switch
 Reset button
 WPS button
 Device status LEDs for System, Uplink, Internet, Telephony and WiFi
 End-user web based GUI

Voice interface

2x FXS RJ11 ports

USB interface

1x USB 2.0 port

Wireless features

Wi-Fi MultiMedia (WMM)
 Wi-Fi Protected Setup (WPS)
 Wi-Fi Security (WPA2 and WPA3)
 Wi-Fi EasyMesh™ R2
 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 A-law / μ-law codec
 G.729 codec
 5 REN support
 Line Echo Cancellation
 DTMF: In-band, RFC2833, SIP-Info
 Class 5 features

USB features

NTFS and FAT32 file system storage devices

Management and control

SNMP
 TR-069, TR369
 TR-181, TR-104 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

Pure E600
 Power supply unit
 Ethernet cable
 Quick installation guide

Genesis Pure E600 product model

Model	Uplink WAN (Mbps)	LAN (Mbps)		WLAN 2x2 2.4 GHz	WLAN 4x4 5.0 GHz	FXS	USB
Pure E600	10/100/1000	4x	10/100/1000	11ax	11ax	2x	1x

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.