Platinum

DESKTOP RESIDENTIAL GATEWAY

The Platinum desktop residential gateway is stand-alone triple-play router of the Genexis portfolio. It blends design, high-end technology and user-friendliness into one product. It is available with copper or fiber interface and can be easily connected to all Genexis or third party Point-to-Point and GPON network termination products, including the Element NT, Element GPON and MC901.

The Platinum offers powerful Residential Gateway functionality, including Gigabit routing, telephony, dual concurrent WLAN and USB.

Features

- Powerful triple-play residential gateway

- High-speed router with 4 managed Ethernet ports, 1 Gbps each

- Two telephony lines (SIP-based VoIP)

- Wireless LAN (IEEE 802.11b/g/n)

- USB 2.0 port

- Optional MSA-compliant SFP interface

- IPv4 and IPv6 concurrently supported

- Flexible management including TR-069, CLI, SNMP and GAPS (Genexis Automatic Provisioning System)

Best-in-class residential gateway

The Platinum Residential Gateway offers best-in-class routing capabilities. It combines ultra high-speed performance with sophisticated Residential Gateway features. At the same time, installation is simple and the user-friendly interface enables straightforward configuration.

Choose your type of uplink

The Platinum enables a broad spectrum of end-user installation scenarios by supporting various uplink types. The Platinum is available with traditional copper (RJ-45) or fixed fiber (SFF) uplink, but also includes option for a combo port (RJ-45 & SFP).

GENEXIS

FEATURES & SPECIFICATIONS

HARDWARE

WAN INTERFACE

- 1000/100/10Base-T RJ-45 port
- Optional SFF (fixed fiber) interface
- Optional SFP interface (combo port)

LAN INTERFACES

- 4 1000/100/100Base-T LAN ports (RJ-45)
- LED indicators for link and activity
- Auto-negotiating speed, duplex
- MDI/MDIX

USB INTERFACE

- 1 port USB 2.0

VOICE PORTS

- SIP based Voice-over-IP
- G.711 A-law / μ-law codec
- G.729 codec
- 5 REN support
- G.168 Echo Cancellation
- DTMF transmission: In-band, RFC2833, SIP-Info
- Configurable dialplan
- Caller ID: FSK, DTMF
- Adaptive jitter buffer
- Modem / Fax pass-through
- Call hold and resume
- Call waiting
- 3-Party conference
- Fax and modem pass through
- T.38 fax

IEEE 802.11N WIRELESS INTERFACE

- IEEE 802.11b/g/n (2.4 GHz) 2T2R
- Automatic channel selection
- Internal antennae
- WEP, WPA, WPA2
- WPS button for simple WLAN network setup
- Multiple SSIDs supported
- Dual concurrent radio: 2.4 GHz and 5.0 GHz (optional)

BUTTONS:

- Reset button (recessed)
- WPS button

STATUS LEDS

- ⏻ Power
- <> Uplink connectivity status
- ☎ Telephony status
- @ Connection status
- 🛜 WLAN status

GENERAL SPECIFICATIONS

Mechanical and environmental
- Dimensions (H x W x D)   34x198x184mm
- Weight   280 g
- Power supply   12 Vdc ± 10%
- Power consumption   8 W typ.
- Operating temperature   0 - 45 °C
- Storage temperature   0 - 70 °C

SOFTWARE

ROUTER WAN INTERFACE

- VLAN per customer or service triple play
- DHCP client
- PPPoE client
- IPv4/IPv6 dual stack
- IPv6 6rd

ROUTER LAN INTERFACES

- End user management via web interface
- Reset button for factory default settings of the router
- Line-speed (1000 Mbps) routing performance for packets > 256 byte.
- DHCP server
- NAT / PAT
- UPnP
- VPN pass-through
- SPI Firewall
- DMZ
- Mixed bridged/routed port(s) for IPTV
- IGMPv2, IGMPv3 snooping and proxy

MANAGEMENT AND CONTROL

- TR-069, TR-098, TR-104
- Genexis Automatic Provisioning System (GAPS)
- SNMP
- DHCP / TFTP
- CLI
- Fail-safe firmware upgrade

CONFIGURATION OVERVIEW

Model	Uplink type	LAN		VoIP	WLAN		USB
		Ports	Speed (Mbps)	POTS ports	2.4 GHz	5.0 GHz	2.0
Platinum-42	Copper (RJ-45)	4x	1000/100/10	2x	-	-	1x
Platinum-44	Copper (RJ-45)	4x	1000/100/10	2x	yes	-	1x
Platinum-62	SFF (fiber)	4x	1000/100/10	2x	-	-	1x
Platinum-64	SFF (fiber)	4x	1000/100/10	2x	yes	-	1x
Platinum-82	Combo port (SFP + RJ-45)	4x	1000/100/10	2x	-	-	1x
Platinum-84	Combo port (SFP + RJ-45)	4x	1000/100/10	2x	yes	-	1x

- *Live! Platinum* features & specifications

Live! Platinum-82

Gigabit Desktop Residential Gateway with full Layer 3 features, offering:

- 4 RJ-45 Gigabit LAN ports
- 2 RJ-11 VoIP ports (SIP)
- USB 2.0
- Wire speed routing
- SFP interface (combo port)
- Auto-switching 100 Mbps/Gigabit
- Management via:
    - TR-069, TR-098, TR-104
    - GAPS (Genexis Automatic Provisioning System)
    - SNMP
    - DHCP/TFTP
    - CLI

Live! Platinum-84

Gigabit Desktop Residential Gateway with full Layer 3 features, offering:

- 4 RJ-45 Gigabit LAN ports
- 2 RJ-11 VoIP ports (SIP)
- USB 2.0
- Wire speed routing
- SFP Interface (combo port)
- Auto-switching 100 Mbps/Gigabit
- WLAN 802.11/b/g/n (2.4GHz) fully integrated
- Management via:
    - TR-069, TR-098, TR-104
    - GAPS (Genexis Automatic Provisioning System)
    - SNMP
    - DHCP/TFTP
    - CLI