

**WiFi 7****WiFi 6**

innbox
powered by
ISKRATEL

Iskratel Innbox CPE

Taking user experience to the next level

Iskratel Innbox family of customer-premises equipment includes home gateways for fibre and copper access, universal home gateways and fibre-termination units.

PERFORMANCE DELIVERED

Simplicity, innovation and modularity of Innbox CPE make supreme user experience come true. They prevent the operator from being just another dumb-pipe provider – instead, they arm them with **top performance and reliability**.

Innbox CPE relieves operators from superfluous helpdesk tickets and help them solve issues easily: excelling in monitoring and diagnostics, Innbox CPE enables operators to optimise all settings remotely. Operators report **operational savings from 30% to 70%**.

Armed with a centralised **TR-069** auto-configuration system, Innbox CPE can seamlessly integrate with any network-management system.

Customisation services are available to meet specific needs. Alternatively, operators can also use **Innbox Constructor**, a unique do-it-yourself customisation tool.

WHAT'S IN THE [INN]BOX?

For XGS-PON fibre, 10-gigabit data rates come with **Innbox X-series** of home gateways. With symmetrical 10 Gbps WAN and multi-gigabit LAN ports, they are perfect for super-high data-rate services.

Innbox G-series of home gateways delivers an unrivalled experience on GPON fibre. It spans from top-of-the-line **G9x** models to cost-optimised **G2x** ONTs ideal for dual-box setups.

With both fibre and copper uplinks, universal **Innbox U-series** is ideal for a variety of access technologies.

In single-box ETTH and in dual-box FTTH setups, **Innbox E-series** delivers up to 10 Gbps over Ethernet.

While Innbox home gateways act as mesh Wi-Fi controllers, the **Innbox E-series** and **Innbox M-series** act as agent access points as well.

For fixed-wireless access (FWA) over 5G (Sub-6G) and LTE mobile networks, **Innbox W-series** of rugged outdoor and indoor units fits single- and dual-box setups.

DEPLOYMENT SCENARIOS

In a **single-box setup**, Innbox home gateway is connected over the in-built access technology.

Multi-operator environments call for a **dual-box setup**. While the service provider's home gateway delivers the networking capabilities, the termination box is controlled by the network provider. Innbox CPE fit both roles of such deployment.

A **single-operator, dual-box setup** allows independent replacement of either box, when either migrating the access technology or upgrading home-networking functionalities (such as Wi-Fi capabilities or support for premium applications).



Extreme versatility
of deployment



Top performance
and reliability



Guaranteed return
on investment

Quick overview:
GPON, XGS-PON, Ethernet, Mesh, Universal and 5G FWA CPE

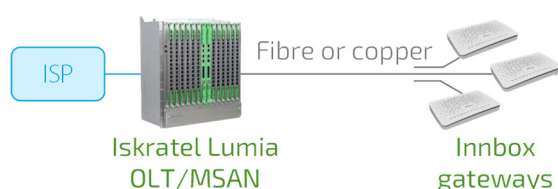
Type	XGS-PON			GPON				ETTH/Mesh			ETTH		Universal		FWA	
Model	X24	X24 P/RP	X11	G94	G93	G92	G85	G23	G11	M92	E94	E93	E92	U92	W93	W37
Uplink interfaces (WAN)																
XGS-PON	•	•	•												•	
GPON				•	•	•	•	•	•					SFP		
P2P FTTH														SFP		
10GE ETTH																
2.5GE ETTH											•	•				
GE ETTH							•			•			•	•	•	
VDSL2														•		
5G/LTE															•	•
LTE/3G				USB	USB	USB	USB				USB	USB	USB	USB	USB	
Wi-Fi										6/2+2						
Integr. FTU	•			•	•	•	•							•	•	
Home-network interfaces (LAN)																
10/5/2.5GE	1	1/PoE	SFP												1	
2.5GE				1	0/1						1				1/PoE	
GE	0/1	1		4	4	4	4	1	SFP	2	4	4	3	4/5	4	
Wi-Fi 5/6/7				6	6	6	5			6	6	6	6	6	6	
MU-MIMO				4+4	2+3	2+2	2+4			2+2	4+4	2+3	2+2	2+2	2+2	
EasyMesh™				•	•	•	•			•	•	•	•	•	•	
USB				1	1	1	1				1	1	1	2		
FXS		1		1	2	2	2				1	2	2	2	1	
CATV							•									
PoE		•														•

For more information on individual models, please refer to their datasheets.

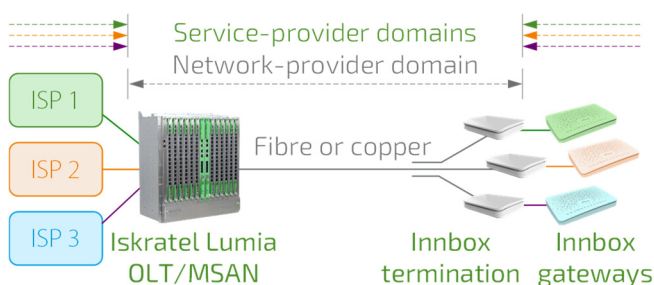
Data for Innbox E/X108 and G/W93 are preliminary.

Applicability in single- and dual-box setups,
in single- and multi-operator environments

Single-box deployment for ISPs
with own network infrastructure



Multi-operator, dual-box deployment for ISPs' services across network-provider's infrastructure



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