



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

Data rates up to 10 Gbps come with XGS-PON ONTs of **Innbox X-series**. With symmetrical 10-gigabit WAN and multi-gigabit LAN ports, they are perfect 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 2.5 Gbps over Ethernet.

While Innbox home gateways act as mesh Wi-Fi controllers, models of **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



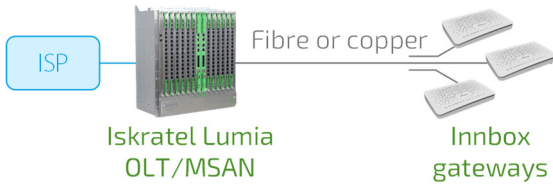
Top performance and reliability



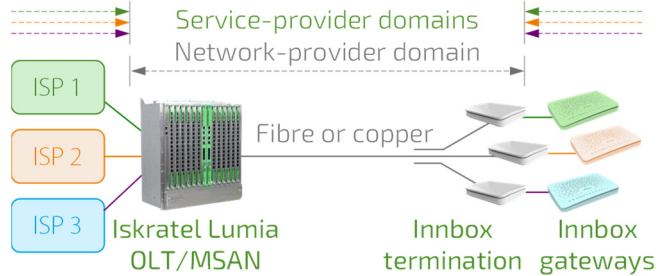
Guaranteed return on investment

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



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

Type	GPON					XGS-PON			ETTH/Mesh			ETTH		Universal		FWA	
	G94	G93	G92	G85	G84	G23	G11	X24	X22	X11	M92	E94	E93	E92	U92	W93	W37
Uplink interfaces (WAN)																	
GPON	•	•	•	•	•	•	•								SFP		
XGS-PON								•	•	•					SFP		•
P2P FTTH															SFP		
GE ETTH				•	•						•			•	•		
2.5GE FTTH												•	•				
VDSL/Gfast															SFP		
LTE/3G	•	•	•	•								•	•	•	•	•	•
5G/LTE																•	•
Wi-Fi 5/6											6/2+2						
Integr. FTU	•	•	•	•	•			•							•	•	
Home-network interfaces (LAN)																	
10/5/2.5GE								1	1	SFP						1	
2.5GE	1	1							1			1					1/PoE
GE	4	4	4	4	4	1	SFP	1			2	4	4	3	4/5	4	
USB	1	1	1	1								1	1	1	2		
Wi-Fi 5/6	6/4+4	6/2+3	6/2+2	5/2+4	5/2+4						6/2+2	6/4+4	6/2+3	6/2+2	6/2+2	6/2+2	
EasyMesh™	•	•	•	•	•						•	•	•	•	•		
FXS	1	2	2	2	1							1	2	2	2	1	
UPS															•		
CATV				•													

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

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