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Iskratel Innbox CPE

Multi-Gigabit Customer-Premises Equipment

Iskratel Innbox family of CPE includes home gateways, ONTs and FTUs for FTTH, ETTH and FWA access. It is a product pillar of Iskratel, Kontron's specialised telco brand that unites eight decades of expertise with Kontron's reach and strength.

Performance delivered

Simplicity, innovation and modularity of Iskratel Innbox CPE make supreme user experience come true. It arms operators with performance and reliability, and prevent them from being dumb-pipe providers.

With Innbox CPE, Wi-Fi coverage is never compromised: multi-gigabit services and TV/video are reliably delivered over Wi-Fi 7, Wi-Fi 6 and Mesh Wi-Fi.

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.

What's in the [Inn]box?

For XGS-PON fibre, 10-gigabit data rates come with Innbox X-series ONTs. Symmetrical 10 Gbps WAN and multi-gigabit LAN ports make them perfect for super-high data-rate services.

Innbox G-series of home gateways delivers an unrivalled experience on GPON fibre, spanning from top-of-the-line G10x and G9x models to cost-optimised G2x ONTs.

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 5G and LTE FWA (fixed-wireless access), outdoor units of Innbox W-series ideally fit 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 any box, when upgrading either the access technology or functionalities (such as Wi-Fi capabilities or support for premium applications).

https://kontron-slovenia.com/innbox

Extreme versatility of deployment

Top performance and reliability

Guaranteed return on investment

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

	XGS-PON						GPON						
Model	**X24**	**X24+**	**X24RP**	**X24P**	**X25+**	**X26+**	**G104**	**G94**	**G93**	**G92**	**G24+**	**G23+**	**G23**
Uplink interfaces (WAN)													
XGS-PON	•	•	•	•	•	•							
GPON							•	•	•	•	•	•	•
LTE/3G							USB	USB	USB	USB			
Integrated FTU	•	•			•	•	•	•	•	•	•	•	
Snap-on FTU		•			•	•					•	•	
Home-network interfaces (LAN)													
10/5/2.5/1GE	1	1	1 PoE	1 PoE++	1	1							
2.5/1GE							1	1	1/0		1		
GE/FE	1/0	1/0	1	1 PoE+	1	1	4	4	4	4		1	1
Wi-Fi 6/7							7	6	6	6			
MU-MIMO							2:2+3:2	4+4	2:2+3:2	2+2			
EasyMesh™ controller							•	•	•	•			
USB							1	1	1	1			
FXS			1	1		1	1	1	2	2			
PoE			receiving	feeding									

For more information on individual models, please refer to their datasheets. Data for X24+, X25+, X26+, G24+ and G23+ are preliminary.

	ETTH and Mesh								Universal			FWA
Model	**E110**	**E106**	**E104**	**M104**	**E94**	**E93**	**E92**	**M92**	**U92**	**F92**	**V91**	**W37**
Uplink interfaces (WAN)												
GPON									SFP	SFP		
GE/FE P2P									SFP	SFP		
10GE ETTH	•											
2.5GE ETTH		•	•	•	•	•						
GE/FE ETTH							•	•	•		•	
VDSL2/ADSL2+									•		•	
5G/LTE												•
LTE/3G					USB	USB	USB		USB	USB	USB	•
Wi-Fi 6/7								6				
MU-MIMO								2+2				
Integrated FTU									•	•		
Home-network interfaces (LAN)												
10/5/2.5/1GE	1											
2.5/1GE	4	1	1	1	1							1 PoE
GE/FE		2	4	2	4	4	3	2	5/4	4	4	
Wi-Fi 6/7	7	7	7	7	6	6	6	6	6	6	6	
MU-MIMO	2+4+4	2+2+2	2:2+3:2	2+3:2	4+4	2:2+3:2	2+2	2+2	2+2	2+2	2+2	
EasyMesh™ controller	•	•	•	•	•	•	•	•	•	•	•	
agent AP		•		•				•				
USB	1	1	1		1	1	1		1	1	1	
FXS			1		1	2	2		2	2	2	
PoE												receiving

For more information on individual models, please refer to their datasheets. Data for E110, E106 and M104 are preliminary.

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Kontron, d. o. o.
Ljubljanska cesta 24 a
SI 4000 Kranj, Slovenia

info.slovenia@kontron.com
www.kontron-slovenia.com

ISO 9001 Q-009
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ISO/IEC 27001 I-046

BRONZE | Top 35%
ecovadis
Sustainability Rating
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https://recognition.ecovadis.com/SbhD4AatTU6v2XVknU2y5Q

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