

Deliver the Ultimate Multi-Gigabit Experience to the Home/Business

Industry's Broadest Optical Network Terminal (ONT), WiFi and Gateway CPE portfolio

The DZS Helix portfolio offers an industry-leading range of residential and business optimized access points, ONTs and gateways featuring the latest WiFi technologies, features, and Smart OMCI technology for rapid 3rd party interoperability and manageability. Many of these standards-based solutions have the processing power to provide extraordinary insight into the premises network performance and connected devices, especially when managed by DZS Cloud EDGE software.

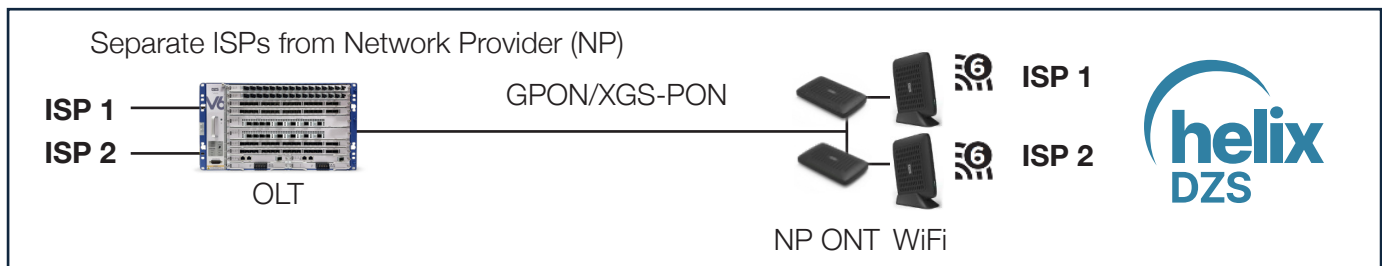
Residential and Business Solutions

Network or internet service providers have the option of offering end customers a single box integrated ONT and WiFi device for their broadband service offering. Alternatively, the network provider may opt to support a dual box solution whereby the ONT is a part of the network provider offering and is separate from the WiFi device (which may be provided by separate internet service providers as part of a multi-operator environment or purchased by the end customer.) The DZS Helix portfolio supports all these residential and business solutions.

Residential single box solutions



Residential dual-box solutions



Business solutions





Portfolio Categories

GPON/XGS-PON Optical Network Terminals (ONTs)



Broad portfolio of GPON and XGS-PON ONTs enable subscribers to enjoy bandwidth-intensive multimedia services with leading-edge technology. The ONTs support 1/2.5/10 GE and POTS interfaces with VoIP/SIP status and debug tools and TR-069 management. Hardened outdoor versions are also part of the portfolio.

Models Shown: 2411GN, 5211XG, 4244GN, 5222XG

WiFi GPON/XGS-PON ONT Gateways



Extensive portfolio of GPON and XGS-PON ONT devices with WiFi6 enable subscribers to enjoy bandwidth-intensive multimedia services with leading-edge WiFi technology including SmartMesh/EasyMesh. These gateways support AX3000/AX5700 WiFi6 with 2x2, 3x3 and 4x4 power and multiple GE and POTS interfaces with VoIP/SIP status and debug tools and TR-069 management. DZS CloudCheck provides AI/ML based experience management for superior WiFi customer experience and reduced churn.

Models Shown: 2466GN, 2428GN, 5266XG, 5228XG, 4266XS

WiFi Access Points (APs) and Extenders



Leading portfolio supports two-box model, enabling subscribers to enjoy bandwidth-intensive multimedia services with leading-edge WiFi technology including SmartMesh/EasyMesh. These APs and extenders support AX3000/AX5700 WiFi6 with 2x2, 3x3 and 4x4 802.11 ax and multiple GE WAN/LAN interfaces with VoIP/SIP status and debug tools and TR-069 management. DZS CloudCheck software provides AI/ML based experience management for enabling a superior WiFi customer experience and reduced churn.

Models Shown: W550CA, 1764WC-A, 1664WC, 2428TE

FiberLAN/Passive Optical LAN GPON, XGS-PON Optical Network Terminals (ONTs)



The DZS portfolio of business-centric optical LAN (FiberLAN) GPON and XGS-PON ONTs enable the connectivity that meet the exacting requirements of businesses. Power of Ethernet (PoE++) support, PoE terminals, multi-GE ports and POTS and transport SFP+ ONTs provide the ultimate flexibility, performance and experience.

Models Shown: 2644GN, 2644GN-R, 2628GN, 5205P, 5311XP

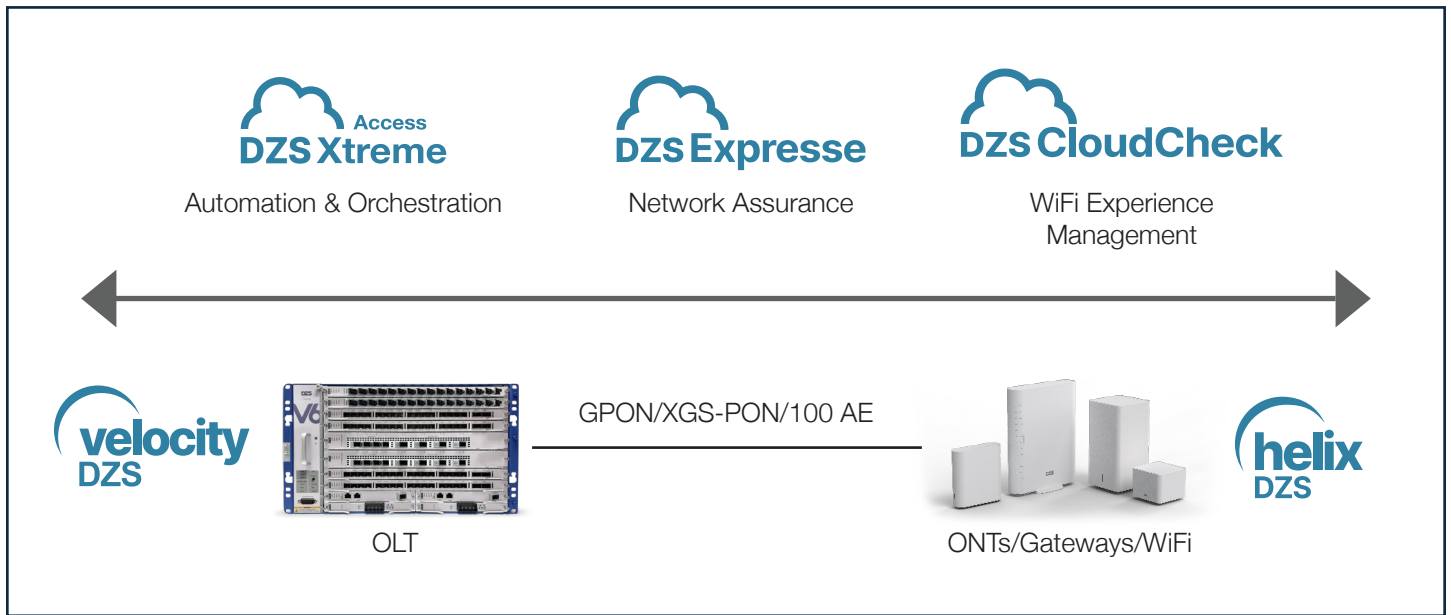
Broadband (ONT) NIDs and WiFi Access Points/Extenders

	UPLINK	Other ports												L3 / WIFI			Management			
Model	CPE Type and Uplink(s)	POTS	USB	GE + (PoE+) ++ (PoE++) ¹	2.5/1 GE	10/5/2.5/1GE	2.4Ghz Antenna	2.4Ghz Power	5Ghz Antenna	5 GHz Power	WiFi Rate	SmartMesh, EasyMesh R1/R2	Universal Service Provisioning	CPE Manager	CLI	Web Interface	TR-069			
H665	GPON			1										•	•	•	•			
H660	GPON			4										•	•	•	•			
2411GN	GPON	1			1								•	•	•	•	•			
2424A1	GPON or GE	2	H2.0	4									•	•	•	•	•			
2424GN	GPON	2		4									•	•	•	•	•			
2434GN	GPON	2		4									•	•	•	•	•			
2425A1	GPON	2	H2.0	4									•	•	•	•	•			
2644GN	GPON	4		4									•	•	•	•	•			
2644GN-R	GPON	4		4									•	•	•	•	•			
4244GN	GPON	4		4									•	•	•	•	•			
2628GN	GPON	2		8									•	•	•	•	•			
2426A1	GPON or GE + WiFi	2	H2.0	4			2X2	100mW			AN300	-	•	•	•	•	•			
2428A1	GPON or GE + WiFi	2	H2.0	4			2X2	100mW	3X3	400mW	AC1700	-	•	•	•	•	•			
2428B1	GPON or GE + WiFi	2	H2.0	4			2X2	300mW	3X3	400mW	AC1700	-	•	•	•	•	•			
2466GN	GPON	2	H2.0	4			2x2	500mW	2x2	500mW	AX3000	SM	•	•	•	•	•			
2428GN	GPON	2	H2.0	4			3X3	1W	4X4	1W	AX5700	SM	•	•	•	•	•			
H660GM	GPON	2	H3.0	4			2X2	400mW	2X2	100mW	AC1200	-		•	•	•	•			
H660GX	GPON	2	H2.0	4			2X2	300mW	2X2	400mW	AX1800	R1		•	•	•	•			
2101HP	GPON			1++									•	•	•	•	•			
2609GN	GPON			8++									•	•	•	•	•			
2609GN-R	GPON			8++									•	•	•	•	•			
2629GN	GPON	2		8++									•	•	•	•	•			
2804GN	GPON			4++									•	•	•	•	•			
2804P2	GPON			4++									•	•	•	•	•			
6024T	GPON			24+									•	•	•	•	•			
5302	XGSPON				1	1									•					
H842	XGSPON			1		1								•	•	•	•			
5211XG	XGSPON	1			1								•	•	•	•	•			
5222XG	XGSPON	2		2		1							•	•	•	•	•			
5266XG	XGSPON + WiFi	2	H2.0	4	1		2X2	500mW	2X2	500mW	AX3000	SM	•	•	•	•	•			
5228XG	XGSPON + WiFi	2	H3.0	4	1		3X3	1W	4X4	1W	AX5700	SM	•	•	•	•	•			
H815M-00	XGSPON			2		4														
4244XS	SFP cage	4		4									•	•	•	•	•			
5205P	SFP cage			2+, 2++		1++							•	•	•	•	•			
5225A	SFP cage	2		4		1							•	•	•	•	•			
4226XS	SFP cage	2		4		1+1							•	•	•	•	•			
M1100	SFP cage			4, 4SFP		2SFP									•					
5311XP	SFP ONT					1														
2428TE	Copper 2.5GE + WiFi	2	H2.0	4			3X3	1W	4X4	1W	AX5700	SM		•	•	•	•			
MESH-1200	Copper GE + WiFi			2			2x2	400mW	4x4	400mW	AC1200	R1			•	•	•			
W550CA	Copper GE + WiFi			3			2x2	300mW	2X2	400mW	AX1800	R1			•	•	-			
1664WC	Copper GE + WiFi			3			2x2	1W	2X2	1W	AX1800	R1			•	•	-			
1764WC	Copper 2.5GE + WiFi			3			2x2	1W	2X2	1W	AX3000	R1			•	•	-			
1764WC-A	Copper 2.5GE + WiFi			3			2x2	1W	2X2	1W	AX3000	SM			•	•	-			

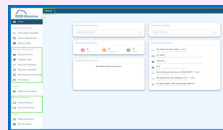
Legend

GPON	XGS-PON	Access Points/Extenders	FiberLAN	Transport SFP+ ONT	Hardened ONTs
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GPON/XGS-PON Optical Network Terminals (ONTs)



Supporting DZS Products



Powerful DZS Xtreme Access SDN Management and Control, Automation and Orchestration intent-driven software designed for rapidly deploying subscriber services in multi-vendor access environments, from GPON to XGS-PON and beyond.



Leading portfolio of GPON/XGS-PON ONTs, WiFi Residential ONT Gateways, Access Points, Extenders and FiberLAN Business Gateways.



AI/ML and cloud-based software to provide the ultimate WiFi Experience for your customers. CloudCheck supports the widest array of customer premises equipment on the market including DZS Helix devices.



Gain a clear view of the subscriber's broadband access network connections with our AI-based intelligent recommendation engine. DZS Express integrates with network and business processes to take the right actions and deliver the best possible subscriber QoE.



Learn more at www.dzsi.com | info@dzsi.com

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