Navijin

DATASHEET

OPTICAL ACCESS (PON) / **XGS-PON OLT**

# NJO-5208C

8-port XGS-PON Combo OLT

PRODUCT PAGE

Multi-gigabit FTTH | Business fibre | 5G & Wi-Fi 7 backhaul

NJO-5208C




| 10G | 2 × 100G | Combo |
|---|---|---|
| SYMMETRIC PON | UPLINKS | GPON + XGS |

## Overview

The Navijin NJO-5208C (8-port XGS-PON Combo OLT) is part of the Navijin Optical Access family. Combo ports run GPON, XG-PON and XGS-PON side by side: upgrade subscribers without new fibre. 10G symmetric XGS-PON and combo OLTs for multi-gigabit services. It is managed centrally and supplied with warranty, local RMA and technical support through Navijin's Dubai hub and authorised partners.

## Key Features

- ITU-T G.9807.1 XGS-PON (9.953 Gbps symmetric) and G.987 XG-PON
- Split ratio up to 1:256 on XG(S)-PON and 1:128 on GPON
- 100G QSFP28 uplinks (breakout 4×25G) plus 10G SFP+ uplinks
- Smooth migration: run GPON, XG-PON and XGS-PON ONUs on the same platform
- Full Layer 3: static, RIP, OSPF, BGP, IS-IS, VRRP; IPv6 with OSPFv3 and BGP4+
- STP/RSTP/MSTP, ERPS and LACP for resilient uplinks

## Specifications

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|---|---|
| **PON ports** | 8 × GPON / XG(S)-PON combo |
| **Uplinks** | 8 × 1G/10G SFP+, 2 × 100G QSFP28 (40G compatible, 4×25G breakout) |
| **Max split** | 1:256 XG(S)-PON, 1:128 GPON |
| **PON rate** | XGS-PON 9.953/9.953 Gbps; XG-PON 9.953/2.488 Gbps; GPON 2.488/1.244 Gbps |
| **Switching capacity** | 880 Gbps |
| **Power** | AC 100–240 V or DC 36–72 V, dual hot-swap |
| **Dimensions** | 440 × 280 × 44 mm (1U) |
| **Operating temp.** | 0 – 45 °C, 10–85% RH |

**Warranty & support** Local RMA and technical support through our regional hub in Dubai and our authorized partners. Certificates and project pricing on request. **navijin.com · sales@navijin.com**

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