Navijin

DATASHEET

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

NJO-5316C

16-port XGS-PON OLT

PRODUCT PAGE

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

NJO-5316C



16	1:256	2 × 100G
XGS-PON PORTS	SPLIT	UPLINKS

Overview

The Navijin NJO-5316C (16-port XGS-PON OLT) is part of the Navijin Optical Access family. 1U, 16-port XGS-PON OLT for multi-gigabit FTTH and business 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

PON ports	16 × XG(S)-PON (GPON mode with GPON optics)
Uplinks	8 × 1G/10G SFP+, 2 × 100G QSFP28
Max split	1:256
PON rate	XGS-PON 9.953/9.953 Gbps; XG-PON 9.953/2.488 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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