Navijin

DATASHEET

OPTICAL ACCESS (PON) / **GPON OLT**

NJO-3216X

16-port GPON OLT

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NJO-3216X



16	2,048	1U
GPON PORTS	ONUS AT 1:128	RACK

Overview

The Navijin NJO-3216X (16-port GPON OLT) is part of the Navijin Optical Access family. High-density 1U GPON OLT serving up to 2,048 subscribers. Rack-mount GPON OLTs with 4 to 16 PON ports and 10G uplinks. 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.984 / G.988 GPON, 2.488 Gbps downstream / 1.244 Gbps upstream per port
- Split ratio up to 1:128 and 20 km reach; Class B+, C+ and C++ optics
- Auto-discovery of ONUs and interoperability with third-party ONTs
- DBA and SLA per ONU, upstream/downstream rate limiting, 802.1p QoS
- 4K VLANs, QinQ and flexible QinQ, IGMP snooping/proxy, MLD snooping
- Type B/C fibre protection for automatic switchover on trunk failure

Specifications

PON ports	16 × GPON (SFP)
Uplinks	4 × GE combo, 4 × GE SFP, 4 × 10G SFP+
Max split / reach	1:128 / 20 km
Backplane	256 Gbps
Power	Built-in single or dual AC 100–240 V
Dimensions	440 × 300 × 44 mm (1U)
Operating temp.	0 – 45 °C, 10–85% RH

Ordering Information

MODEL	DESCRIPTION
NJO-3216X	16 × GPON, 4 × GE combo, 4 × GE SFP, 4 × 10G SFP+, single AC
NJO-3216X-DP	As above with dual AC PSU

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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