Navijin

DATASHEET

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

NJO-3316Q

16-port GPON OLT, 40G uplinks

PRODUCT PAGE

ISP FTTH | Hotels | Campuses | Residential towers

NJO-3316Q



16	2 × 40G	880G
GPON PORTS	UPLINKS	BACKPLANE

Overview

The Navijin NJO-3316Q (16-port GPON OLT, 40G uplinks) is part of the Navijin Optical Access family. 16-port GPON OLT with 40G QSFP+ uplinks for large FTTH and campus fibre networks. 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

- 40G QSFP+ uplinks with 4×10G breakout
- 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

Specifications

PON ports	16 × GPON (SFP)
Uplinks	4 × GE RJ45, 4 × 10G SFP+, 2 × 40G QSFP+ (4×10G breakout)
Max split / reach	1:128 / 20 km
Backplane	880 Gbps
Layer 3	Static, RIP, OSPF, BGP, IS-IS, VRRP; IPv6
Power	AC 100–240 V or DC 36–72 V, dual hot-swap (100 W)
Dimensions	440 × 280 × 44 mm (1U)
Operating temp.	0 – 45 °C, 10–85% RH

Ordering Information

MODEL	DESCRIPTION
NJO-3316Q	16 × GPON, 4 × GE, 4 × 10G SFP+, 2 × 40G QSFP+, single AC PSU
NJO-3316Q-DC	As above with DC 36–72 V 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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