

X86-P716

8x100G –1x800G (OSFP) 800G muxponder OSFP

APPLICATIONS



This solution is well-suited for both metropolitan area networks and long-distance network transmissions of up to 450 km. It is ideal for supporting large-capacity DCI (Data Center Interconnect) network connectivity across enterprises, campus networks, and cloud computing environments. Additionally, it enables high-speed 800G links over existing OTN and DWDM infrastructures, ensuring seamless integration, reliable performance, and scalable network growth for future demands.

FEATURES

- **ONIE Pre-Loaded**
Pre-installed with the **Open Network Install Environment (ONIE)** for easy installation of multiple network operating systems.
- **x86 CPU Board**
Powered by a reliable **x86 CPU** for efficient control and management performance.
- **Built-in BMC**
Integrated **Baseboard Management Controller** enables remote monitoring and hardware management.

DESCRIPTION

Designed for metropolitan and long-haul network transmission of up to 450 km, this solution provides robust, high-capacity DCI connectivity across enterprises, campuses, and cloud environments. It is engineered to support 800G links over existing OTN and DWDM infrastructures, delivering seamless integration with current networks while offering exceptional performance and scalable growth for future demands. This makes it an ideal choice for organizations seeking reliable, high-speed interconnectivity across distributed sites.

ORDERING ONFORMATION

800 Muxponder (P716)	
Occupied slot	2 slots
Line side	1 OSFP optical port: 800G OSFP DCO module, pluggable - Extended C-band, supports Flexible Grid, 6.25GHz slice - Support adjustable light-emitting power, the range depends on the optical module - Support 400Gbit/s to 800Gbit/s programmable
Client—side	2 QSFP-DD/QSFP28 compatible optical ports 6 QSFP28 optical ports are pluggable
Supported service types	400GbE, 100GbE
Loopback	Support inner loop and outer loop on line-side and client-side
LLDP	Receive mode only
ALS	Client-side support
Alarm delay insertion	Support Local Fault alarm delay insertion function and delay settings
Alarm and performance monitoring	- Support line-side and client-side performance monitoring and alarm monitoring - Support Ethernet RMON monitoring - Support monitoring of optical module temperature, current, optical power, etc. - Support T
Typical power consumption	< 120W

Notes

For accurate order specification please contact XenOpt reseller before placing an order. The content of this document is subject to change without notice. XenOpt does not guarantee errorless or outdated information.

COMPANY INFORMATION

XENYA d.o.o.
Celovška cesta 172
1000 Ljubljana, SI

CONTACT INFORMATION

info@xenia.si
+386 (0)1 514 06 10
www.xenopt.com

PARTNER INFORMATION

Important notice

Performance figures, data and any illustrative material provided in this data sheet are contains typical values and must be specifically confirmed in writing by XenOpt before they become applicable to any particular order or contract. Specifications may change without notice.

The publication of information in this data sheet does not imply freedom from of patent or other protective rights of XenOpt or others. Further details are available from any XenOpt sales representative.