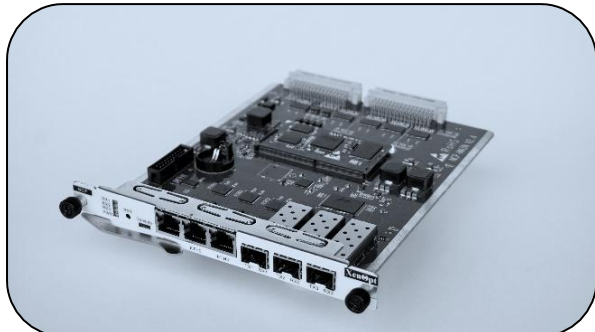


X86-NCP

XenOpt X8600 NCP Network Management Card



Applications

- OTNS X8600 series chassis management
- Web, snmp and ssh management, of transport system

Features

- Provides management, monitoring and alarming functions to all types of Xenopt 8600 series chassis.
- Based on highly reliable ARM computer with Linux OS.
- Communication switch with SFP optical interfaces included.
- Web based html 5 graphical user interface.
- Provides also SNMP V2C management and ssh CLI management.
- Optical transceiver interfaces and onboard switch allow implementation of out of band (OSC) management network without additional external active components.
- Network management module supports hot plug replacement without affecting normal operation of transponder and amplifier cards .
- Extended Operating Temperature range - 10°C~+60°C .

Description

NCP is a network module that provides management, monitoring and alarm functions in X8600 chassis based transport systems. It is compatible with all types of X8600 chassis and occupies one slot in the chassis. It enables users to view and modify all parameters of transponder and amplifier 8600 series modules. Web based (html5) graphical interface is the primary means of user level management. It can be accessed through any modern web browser like Chrome, Firefox or MS Edge. It supports also SNMP V2C management and alarming through snmp trap generation. It also supports CLI management through ssh and console interface.

NCP module is based on advanced highly reliable ARM based single board computer with Linux based operating system. Management module includes 6 port switch with 3 copper and 3 optical gigabit ports. Optical ports are equipped with SFP based optical interfaces that enable insertion of colored SFP transceivers and allow implementation of independent out of band management network without adding any additional active components. Optical ports allow use of any XenOpt SFP 1Gb transceiver or any other standard transceiver.

Management module does not store transport module parameters and thus allows hot module replacement and/or FW upgrade without affecting the state of any other module in the X8600 chassis.

Technical Specifications

Parameter	Technical Indicators
Product Model	X86-NCP
Size	1 slot in 8600 series chassis
Working temperature	-10°C~+60°C
Working humidity	5%~95%
Typical power consumption	5 W
MTBF	>100000 hours

Ordering information

Part number	Product Description
X86-NCP	XenOpt X8600 NCP Network Management Card, -10°C~+60°C
XSCxx1-80LY	XenOpt CWDM SFP 1Gbit 1xx1nm, 80km reach
XSCxx1-A0LY	XenOpt CWDM SFP 1Gbit 1xx1nm, 120km reach

Notes

¹ For accurate order specification please contact XenOpt reseller before placing an order. The content of this document is subject to change without notice.

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