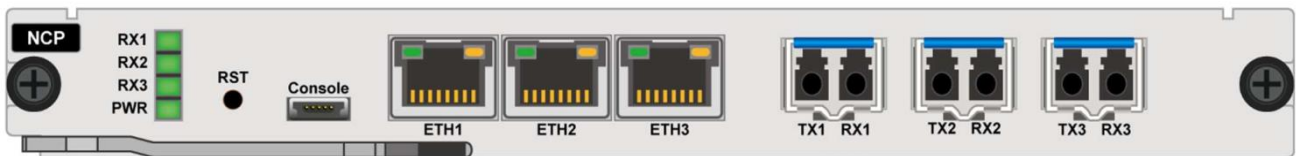


NCP: Network Control Management Card

NCP is a network management module specially designed for OTNS8600 series products by Guangzhou Sintai Communication Co., Ltd. Its main function is to provide the interface between equipment and network management system. With the NS2000 network management system of OTNS8600 series, NCP completes the single card management, various maintenances and management signal transmission of network element, and realizes the real-time monitoring, maintenance and management of equipment element and the whole synchronous equipment network. It provides a good solution for equipment monitoring.

Product Diagram



Product Feature

- Adopt high-speed ARM processor to provide powerful data processing capability, collect status information, alarm events and performance parameters of each single-board function module, transform, process and store them, and at the same time pass the control and management information to each other function block of the device.
- Provide 1 Console interface to support emulation terminal operation.
- Provide 3 RJ45 Ethernet interfaces to support IP-based graphical SNMP network management.
- Provide 3 SFP optical module interfaces to support in-band management of the device, realize the processing of 3 optical monitoring channels, and complete the receiving and transmitting processing of optical signals of each site optical monitoring channel.
- The network management module supports hot-swapping, which does not affect the normal work of the current service module even after failure.

Product Specification

Function	Description
Local management serial port	Support 1 Micro-USB local management serial port
Remote management Ethernet port	Supports 3 RJ45 Ethernet interfaces, interface rate 10/100/1000M adaptive
OSC optical monitoring port	Supports 3 pluggable optical SFP ports with LC interface
Network management method	Support CLI, Telnet, SNMP, Web and other network management methods
Exchange function	Support IP communication between devices to realize integrated management
Protection function	Plug out or failure of network management card will not affect existing service
Maintenance function	Support local or remote software online upgrade
Reset function	Support hardware reset of local NCP card by operating key
Initialization function	Support initialization of local NCP card hardware by operating key
working temperature	-10℃~+60℃

Working humidity	5%~95%
Number of occupied slots	Support OTNS8600 full range chassis, occupying 1 slot
Maximum power consumption	5W
MTBF	> 100000 hours
Default IP address of factory	192.168.1.100

