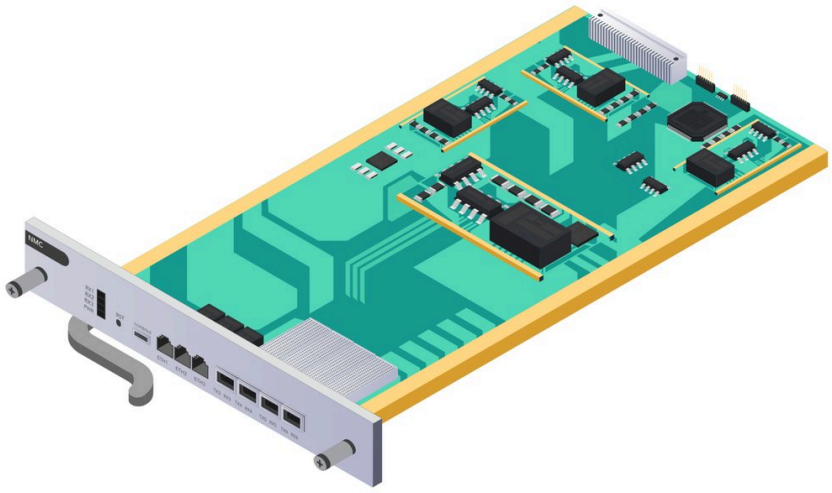
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OTN SYSTEMS WDM PLATFORMS

Network Management Card for WDM Chassis

The NMC Card is the network management interface for the WDM chassis. Built around a high-speed ARM processor, it collects status, alarm and performance data from every board in the network element, and relays control and management information across the equipment. It provides local console access, IP-based SNMP/Web/NMS management over Ethernet, and in-band optical supervisory channels for managing remote sites over the line itself.



HIGHLIGHTS

Centralised board management

Collects status, alarm and performance data from every board and relays control/management information across the equipment.

Full management interface

1 Micro-USB local console, 3 RJ45 Ethernet ports, and 3 pluggable SFP optical supervisory ports.

In-band optical supervisory channels

3 OSC channels process the transmit/receive optical monitoring signal at each site.

Hot-swappable

Can be replaced without affecting the work of the current service modules.

Remote software upgrades

Supports local or remote online software upgrades.

Local reset & initialisation

Hardware reset and initialisation of the local NMC board from the front-panel keys.

FRONT PANEL



FORMAT

CARD FOR WDM CHASSIS 1 SLOT

SPECIFICATIONS

Interfaces	
Local Management Serial Port	1 × Micro-USB local management serial port
Remote Management Ethernet Port	3 × RJ45 Ethernet interfaces, 10/100/1000M adaptive
OSC Optical Supervisory Port	3 × pluggable optical SFP ports, LC interface
Management	
Network Management	SNMP, Web, and NMS centralised network management
Exchange Function	IP communication between devices, enabling integrated management of multiple devices
Protective Function	Hot-swapping or failure of the NMC card does not affect existing services
Maintenance Function	Local or remote online software upgrades
Reset Function	Hardware reset of the local NMC board from the front-panel keypad
Initialisation Function	Front-panel key operation to initialise local NMC board hardware
Mechanical	
Operating Temperature	−10°C–+60°C
Operating Humidity	5%–95%
Number of Slots Occupied	1 slot (OTN WDM chassis)
Maximum Power Consumption	5W

ORDERING INFORMATION

NAME	Network Management Card for WDM Chassis
DESCRIPTION	NMC card, 1 slot. Network management interface for the WDM chassis: high-speed ARM processor collecting status, alarm and performance data from every board and relaying control/management information across the equipment. Provides local console access, SNMP/Web/NMS management over Ethernet, and in-band optical supervisory channels for managing remote sites over the line. Hot-swappable.
PART NUMBER	**WDM-NMC-1S**