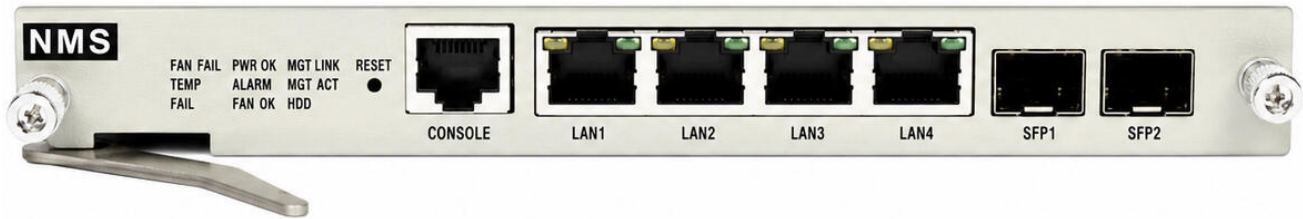


GF-6000-NMS

Network management board | 2 x SFP + 4 LAN + CON

1. Product overview

Network Management Unit (NMU) for centralized control, monitoring and communication in optical transmission platforms. It integrates Ethernet management, local serial access and optical supervisory channel (OSC) functions across CWDM/DWDM networks, with in-band and out-of-band access.



2. Key features

- Local serial console for setup and diagnostics
- 4 x 10/100Base-TX Ethernet ports; auto-negotiation and auto-MDI/MDIX
- 2 x 100Base-FX SFP interfaces for gray, CWDM or DWDM networks
- East-West OSC communication for ring networks
- IP-based cross-device communication and integrated multi-chassis management
- Dual optical port 1+1 protection

3. Applications

CWDM/DWDM network management, East-West OSC ring communication, local diagnostics and centralized remote supervision.

4. Technical data

Parameter	Specification
Console (CON)	Local serial access, out-of-band
Ethernet ports	4 x 10/100Base-TX; auto-negotiation; auto-MDI/MDIX
Optical ports	2 x 100Base-FX SFP
Protection	Dual optical port 1+1 redundancy
Dimensions (W x D x H)	191 x 253 x 20 mm
Platform compatibility	HT6000 CH04 / CH08 / CH20 and other HTFuture optical platforms (source wording)
Power consumption	15 W
Installation	Each chassis needs one NMS board (product title)

5. Recommended operating conditions

Operating temperature	Storage temperature	Relative humidity
-10 to +60°C	-40 to +80°C	5-95%, non-condensing

GF-6000-NMS

6. Optical characteristics

Parameter	Specification
Optical interface	Dual 100Base-FX SFP
Network options	Gray optical, CWDM or DWDM
OSC topology	East-West, two-way supervisory communication
Optical protection	1+1 dual-port redundancy
Wavelength / optical power / reach	Not specified on the product page

Optical launch power, receiver sensitivity, optical budget and numeric transmission distance are not specified on this product page.



Simplified functional illustration based on the product description.

7. Digital diagnostics and management

CLI, Telnet, SNMP and Web GUI. Local serial monitoring provides direct access; remote SNMP enables centralized supervision. Built-in IP communication links multiple devices for integrated management. Both in-band and out-of-band management are supported.

8. Safety and regulatory

100Base-FX and 10/100Base-TX interface types are specified. No laser safety class or regulatory certification is listed.

9. Ordering information

Product number	Product description
GF-6000-NMS	Network management board 2 x SFP + 4 LAN + CON