Model: NCM-6606-10 GPON OLT

Features

- **GPON:** Abiding by ITU-T G.984/G.988, NCM-G-OLT-XXBD meets relevant requirements of GPON OLT regulated in Network Access Technical Requirements and China Telecom GPON Technical Requirements-CTC2.0
- **Well Interaction:** automatic discovery and compatible with ONT
- **Hardware Redundancy:** dual main control, dual power redundancy
- **Hot Swap:** NCM-6606-10 Series adopts the modularized designed. Each service card hot swap
- **Environmental Protection:** low power consumption and low operating cost
- **System Capacity:** NCM-6606-10 Series supports 128 PON ports and at most 16K ONT
- **Bus Optical Fiber Protection:** the link can be automatically switched when trouble occurs in the optical fiber
- **Power Characteristics:** supports dual-AC, dual-DC and AC/DC power supply. The power supply supports modularized design, hot-swap and EMC-3 standard. It well adapts to the environment



NCM-6606-10 GPON OLT

Unless otherwise noted, the above specifications reflect typical device performance at stated reference levels in the recommended operating configuration(s). Specifications are subject to change without notice.

NCM-6606-10 GPON OLT (1.1Rev2018) © 2000-2018 NCM Supplies – All Rights Reserved

NCM Supplies Inc.
8125 NW 64th ST. Miami, Florida 33166
Phone: 305-640-0461 Fax: 305-639-2684
ncm@ncmsupplies.com | www.ncmsupplies.com

Model: NCM-6606-10 GPON OLT

Specifications

Parameter	Unit	NCM-6606-10 GPON OLT
PON interface characteristics	-	Downlink 2.5Gbps/uplink 1.25Gpbs transmission rate Class B+, Class C+ GPON module Maximum coupling ratio: 1:128 ONU authentication mechanism
Slots	-	2 slots for the main control board and 8 service slots
Backplane bandwidth	Tbps	4
Switching capacity	Gbps	1920
Max 10GE port number	-	96
Max GPON interface number	-	128
MAC table capacity	-	128000
Standards	-	ITU-T G.984/G.988 IEEE 802.1D, Spanning Tree IEEE 802.1Q, VLAN IEEE 802.1w, RSTP IEEE 802.3ad physical link static/dynamic aggregation (LACP) Ethernet – II
QoS	-	Backpressure flow control (half duplex) IEEE 802.3x flow control (full duplex) IEEE 802.1p, CoS WRR, SP and FIFO queue schedule Limiting the uplink/downlink rate based on each ONU DBA and SLA
VLAN	-	Port-based VLAN, 4K VLAN table QinQ and flexible QinQ
Multicast	-	L2 Multicast IGMP Snooping MLD Snooping

Unless otherwise noted, the above specifications reflect typical device performance at stated reference levels in the recommended operating configuration(s). Specifications are subject to change without notice.

NCM-6606-10 GPON OLT (1.1Rev2018) © 2000-2018 NCM Supplies – All Rights Reserved

NCM Supplies Inc.
8125 NW 64th ST. Miami, Florida 33166
Phone: 305-640-0461 Fax: 305-639-2684
ncm@ncmsupplies.com | www.ncmsupplies.com

Model: NCM-6606-10 GPON OLT

Reliability	-	Unidirectional Link Detection (UDLD) Hot swap of the GPON optical module on the expanded slot Optical path protection of GPON Abnormal luminescence ONU detection such as long luminescence
Network security	-	Limiting the maximum number of users on each port Port isolation Packet storm control Flow-based ACL access control function Transmission data encryption on the PON interface
Configuration management	-	Various management modes such as CLI, SNMP and TELNET Conducting software upgrade through TFTP Debug output
Physical Characteristics	-	533.1mm×482.6mm×548mm Installation: standard 19-inch rack-mounted
Environment	ºC	Operating environment: 0℃～45℃; 10%～85% non-condensing Storage environment: -40℃～80℃; 5%～95% non-condensing
Power Supply	-	Input voltage: AC90～240V, DC 36～72V Dual-power input, DC/AC power supply and hot-swap

Unless otherwise noted, the above specifications reflect typical device performance at stated reference levels in the recommended operating configuration(s). Specifications are subject to change without notice.

NCM-6606-10 GPON OLT (1.1Rev2018) © 2000-2018 NCM Supplies – All Rights Reserved

NCM Supplies Inc.
8125 NW 64th ST. Miami, Florida 33166
Phone: 305-640-0461 Fax: 305-639-2684
ncm@ncmsupplies.com | www.ncmsupplies.com