Model: NCM-3600-XX

Features

- **GPON:** Abiding by ITU-T G.984/G.988, NCM-3600-XX 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-3600-XX Series adopts the modularized designed. Each service card hot swap
- **Environmental Protection:** low power consumption and low operating cost
- **System Capacity:** Series NCM-3600-XX supports up to 16 PON ports
- **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- 3600-08

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.

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Model: NCM-3600-XX

Specifications

Parameter	Unit	NCM-3600-08	NCM-3600-16
PON interface attributes	-	Downlink 2.5Gbps/uplink 1.25Gpbs transmission rate Class B+, Class C+ GPON module Maximum coupling ratio: 1:128	
Backplane bandwidth	Gbps	205	
Max 10GE port number	-	4	
Max GPON interface number	-	8	16
MAC table capacity	-	64000	
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, QinQ and flexible QinQ	
Multicast	-	L2 Multicast IGMP Snooping MLD Snooping	
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	

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Model: NCM-3600-XX

Parameter	Unit	NCM-3600-08	NCM-3600-16
Network security	-	ONU authentication mechanism 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	-	Dimensions mm (W×D×H): 442.5x304x 44 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	

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