ComX Computers
Product Specification Sheet

RG-NBF5200M-8FS16GT4XS

Reyee RG-NBF5200M-8FS16GT4XS e-Lighten Layer 3 Core Switch and OLT Managed Switch

Product Overview

Reyee RG-NBF5200M-8FS16GT4XS e-Lighten Layer 3 Core Switch and OLT Managed Switch, 16 Gigabit Ports, 8x Gigabit PON/SFP Ports, 4x 10G SFP+ Ports, 1200 recommended Client limit, 216Gbps switching capacity, Rack-Mount, Fixed Power module











Specifications

Overview:

RG-NBF5200M-8FS16GT4XS, e-Lighten Layer 3 Managed Switch

Hotel, Resort, Villa, Apartment, Factory, Enterprise, Education, etc.

- Passive Optical Networking Support
- Core Switch + OLT 2-in-1 for Flexible Networking
- 10G Uplink
- 6 kV Surge Protection, Reducing the Risk of Port Damage
- Free Layer 3 Cloud Management

Features:

RG-NBF5200M-8FS16GT4XS

e-Lighten 10G Layer 3 Managed Switch

8 x 1G e-Lighten Optical Ports + 16 x 1G Ethernet Ports + 4 x 10G SFP+ Ports

- Core Switch + OLT Integration
- Hybrid of P2P&P2MPNetworks 10G Uplink
- 6 kV Protection
- All-in-One Cloud

Core Switch + OLT Integration

Integrating Excellence, Minimizing Expense

Flexible Networking, Hybrid of P2P & P2MP Networks

Customize the Network that Works Best for You

Specifications:

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Specifications	
Product Code	RG-NBF5200M-8FS16GT4XS
Model	RG-NBF5200M-8FS16GT4XS
Basic	
Number of 1000BASE-T Ports	16
Number of 1G PON/SFP Ports	8
Number of 10G SFP+ Ports	4
Total Number of Optical Ports	12
Total Number of Ethernet Ports	16
Number of Management Ports	N
Recommended Client Limits	1200
Recommended Camera Limits	2 MP H265:400
	4 MP H265:200
	8 MP H265:100

PoE Support	N
Max. Power Consumption	41.8 W
Device Dimensions (W x D x H)	440 mm x 260 mm x 43.6 mm
	(17.32 in. x 10.24 in. x 1.7173 in.)
Switching Capacity	216Gbps
Forwarding Rate	96Mpps
Power Supply Surge Protection	Common 6 kV
	Differential 6 kV
Port Surge Protection	Common 6 kV
Temperature Alarm	Y
Operating Temperature	0 degreesC to 50 degreesC (32 degreesF to 122 degreesF)
EMC	GB/T 9254.1-2021
Casing	Iron
Mounting	Rack-mount
Power Supply Options	Fixed power module
Buttons (Reset Button Excluded)	0
Gross Weight	4.02 kg (8.86 lbs.)
Net Weight	2.9 kg (6.39 lbs.)
Software Features	
VLAN	Y
N:1 Mirroring	Y
DHCP Server	Y
MAC-based Extended ACL	Y
IP-based Extended ACL	Y
Ingress ACL on Layer 2 Physical or Logical Interfaces	Y
Virtual Cluster Switching (VCS)	Y
Layer 3 Support	Y
MAC Address Table Size	16000
Static MAC Address	Y
MAC Address Filtering	256
Max. Number of SVIs	32
Port-Level Rate Limiting (Ingress/Egress)	Y
Max. Number of Layer 3 Aggregate Interfaces	15
Hardware-based CPU Protection Policy (CPP)	Y

Ruijie Rapid Link Detection Protocol (RLDP)	Y
IPv6	Y
IGMP Snooping	Y
Hardware Specifications	
Number of and Length of Power Cords	1.5m
Max. Number of ONUs (APs and Access Switches)	300
IP-based Standard ACL	Y
PON/Ethernet Optical Transceiver Auto-Sensing	Y
1G PON Optical Transceivers	Y
2.5G PON Optical Transceivers	N
10G PON Optical Transceivers	N
Alerting of Non-Ruijie PON Optical Transceivers	N
Number of ONUs per 1G PON Port	32
Number of ONUs of All 1G PON Ports per Device	256
Number of 1G PON Ports	8
Total Number of PON Ports	8
Max. Number of PON Ports per Device	8
RTT-based Distance Measurement	Y
Accuracy of Ranging Between OLT and ONU	100 m (328.08 ft.)
Layer 2 Isolation for ONUs Connected to the Same OLT Port (disabled by default)	Y
Max. Registration Distance for Eligible ONUs (Default: 5 km, Maximum: 10 km)	Y
Static Bandwidth Allocation (SBA): Fixed Bandwidth for ONUs	Y
Dynamic Bandwidth Allocation (DBA): Maximum Bandwidth for ONUs	Y
OLT Displaying OLT Optical Transceiver Info (Temperature/Voltage/Current/Tx Power/Rx Power/Port Mode)	Y

OLT Displaying ONU Optical Transceiver Info (Temperature/Voltage/Current/Tx Power/Rx Power/Port Mode)	Y
ONU Optical Transceiver Exception Reporting on OLT (Abnormal Temperature, Voltage, Current, and Tx/Rx Power)	Y
OLT Automatically Connecting ONUs	Y
Type B Dual-homing Protection	N
Type D Dual-homing Protection	N
Reset Button	Y
Automatic Resolution of Management Port IP Address Conflict	N
Storage Temperature	-40 degreesC to +70 degreesC
	(-40 degreesF to +158 degreesF)
Operating Humidity	10% to 90% RH
Storage Humidity	5% to 95% RH
IP Rating	IP20

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/RG-NBF5200M-8FS16GT4XS-Reyee-RG-NBF5200M-8FS16GT4XS-e-Lighten-Layer-3-Core-Switch-p-320104.php

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