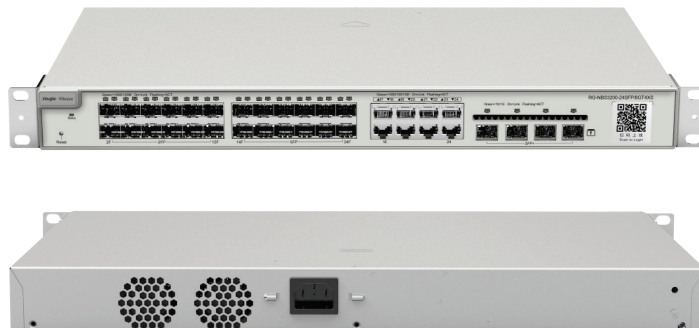


36 Port Layer 2 Managed Network Switch (24 SFP, 8 GbE, 4 10Gbps SFP+) RG-NBS32-24S8G4XS



The RG-NBS32-24S8G4XS is a 36 port versatile layer 2 managed switch designed to meet the demanding needs of enterprise and data centre networks. It features 24 SFP ports for high-speed fibre connections, 8 Gigabit RJ45 ports for flexible copper connectivity, and 4 10G SFP+ ports for ultra-fast uplinks, supporting high bandwidth and efficient data transfer. Tailored for Enterprises, Hotels, Factories, Education, Retail, and more, this switch ensures high performance with secure connectivity for modern network demands..



3-Year Manufacturer's Warranty

Refer to website for full terms & conditions

Features and Benefits

- » 36 Ports - Layer 2 managed 24 gigabit SFP, 8 combo RJ45 ports, plus 4 SFP+ uplink
- » Perfect for large distance network builds with fibre optic backbones
- » Lifetime management on Ruijie Cloud at any time, anywhere
- » Advanced network management capabilities, including VLAN support, QoS (Quality of Service), and robust security features, ensuring optimal network performance and protection.
- » Layer 2 with a forwarding rate of 95.24Mpps and a switching capacity of 128Gbps
- » 5 year warranty and MTBF of >200,000 hours for peace of mind and quality assurance



36 Port Layer 2 Managed Network Switch (24 SFP, 8 GbE, 4 10Gbps SFP+)

RG-NBS32-24S8G4XS



Hardware Specifications			
Total Number of RJ45 Ports	8	Unknown Unicast Storm Control	Yes
Total Number of Optical Ports	28	Broadcast Storm Control	Yes
Number of Combo Ports	8	Multicast Storm Control	Yes
Number of 1 Gbps Optical Ports (SFP)	24	SPAN	Yes
Number of 10 Gbps Optical Ports (SFP+)	4	RSPAN	No
Number of 10/100/1000BASE-T Ports	8	ERSPAN	No
Number of PoE/PoE+ Ports	N/A	VLAN Range	1-4094
Max. PoE Power Budget	N/A	Port-based VLAN	Yes
PoE Power Pins	N/A	MAC-based VLAN	No
Layer	L2	IP-based VLAN	No
Switching Capacity	128Gbps	Voice VLAN	Yes
Forwarding Rate	96Mpps	RLDP	Yes
Buffer Size	12 Mbits	LLDP	Yes
ARP Table Size	2000	LLDP-MED	Yes
Flash Memory	256MB	LLDP-PoE	No
SDRAM	512MB	Cable Test	Yes
MAC Address Table Size	16000	IGMP Snooping v1	Yes
Max. Number of VLANs	4094	IGMP Snooping v2	Yes
Dimensions (W x D x H)	440mm x 267.5mm x 43.6mm	IGMP Snooping v3(Basic)	Yes
Net Weight	3.35kg	IPv4 Ping	Yes
Mean Time Between Failure (MTBF)	400000H	IPv6 Ping	Yes
Safety Compliance	IEC 62368-1	Traceroute	Yes
Warranty	5	IP Standard ACL	Yes
Layer 2 Features		MAC Extended ACL	Yes
Jumbo Frame Length (MTU)	9216 Bytes(Perport MTU)	IP Extended ACL	Yes
Flow Control	Yes	Port-Level Rate Limiting (Ingress/Egress)	Yes
Port Isolation / Protected Port	Yes	DNS Client	Yes
STP (IEEE 802.1D)	Yes	SNMP v1	Yes
RSTP (IEEE 802.1w)	Yes	SNMP v2c	Yes
MSTP (IEEE 802.1s)	No	SNMP v3	Yes
PortFast	Yes	Web Management	Yes
BPDU Guard	Yes	HTTP	Yes
Auto Errdisable Recovery	Yes	HTTPS	Yes
Link Aggregation	Yes	Ruijie Cloud Management	Yes
Max. Number of LAGs	16	Ruijie Reyee App Management	Yes
Max. Members per LAG	8	IP-based Self-Organizing Network (SON)	Yes
		Camera Detection	Yes
		Loop Prevention	Yes
		Loop Notification	Yes
		PoE Power Usage Alarm	No
		IP Source Guard	Yes
		Anti-ARP Spoofing	Yes
		DHCP Snooping	Yes

36 Port Layer 2 Managed Network Switch (24 SFP, 8 GbE, 4 10Gbps SFP+)

RG-NBS32-24S8G4XS



Matchmaster
For the Best

DHCP Client	Yes
AAA(Authentication,Auth orization,Accounting)	No
IEEE 802.1X Authentication	Yes
PoE Watchdog	No
Digital Diagnostic Monitoring (DDM)	Yes
Number of ACEs	In-1900, Out-0
G.8032 (ERPS)	Yes
RADIUS	Yes
TACACS+	No
CPU Protection Policy (CPP)	Yes
MQTT	Yes
QoS	Yes
SON Priority	2560
Web Authentication	Yes
Layer 3 Features	
Static Routing	Yes
DHCP Server	Yes
RIP	No
RIPng(RIP Next Generation)	No
OSPFv2(Open Shortest Path First Version 2)	No
OSPFv3	No
Virtual Cluster Switching (VCS)	No
Hardware Specifications	
Reset Button	Yes
DIP Switch	N/A
Cable Hot-Swappable	Yes
Power Supply	Rated voltage range: 100-240VAC Maximum voltage range: 90-264VAC Frequency: 50/60Hz Rated current: 2A
Power Consumption	41.8W
EEE	Yes
Port Surge Protection	Common Mode 6KV
Power Supply Surge Protection	Common Mode 6KV Differential mode 6KV
Airflow	Left to Back
Fan Speed Control	Hardware-based adjustment

Acoustic Noise Level	<40dB (when the device works normally)
Operating Temperature	0 to 50°C
Storage Temperature	-40-70°C
Operating Humidity	10% to 90% RH(non-condensing)
Storage Humidity	5% to 95% RH(noncondensing)
Electrostatic Discharge (ESD)	
Protection	Air Discharge: 8KV
Contact Discharge: 6KV	
Casing	Metal
Mounting	Rack installation
LED	System: SYS(Green) Per RJ45 Ports: LINK/ACT(Green) Per SFP Interface: LINK/ACT(Green)
Operating Altitude (m)	-500-5000M
Certification	CE;FCC
EMC	EN 55032:2015+AC:2016 6 EN 61000-3-2:2014 EN 61000-3-3:2013 EN 55035:2017 ETSI EN 300 386 V2.1.1 (2016-07)