

# Specifications

## Basic

Model	RG-NBS3200-24GT4XS	RG-NBS3200-24GT4XS-P	RG-NBS3200-24SFP/8GT4XS	RG-NBS3200-48GT4XS	RG-NBS3200-48GT4XS-P
10/100/1000Base-T ports	24	24	8 (Combo)	48	48
SFP ports	-	-	24	-	-
SFP+ ports	4	4	4	4	4
PoE/PoE+ ports	-	24	-	-	48
Max. PoE budget	-	370W	-	-	370W
Layer Type	Layer 2	Layer 2	Layer 2	Layer 2	Layer 2
Switching capacity	128 Gbps	128 Gbps	128 Gbps	176 Gbps	176 Gbps
Forwarding rate	95.24 Mpps	95.24 Mpps	95.24 Mpps	130.95 Mpps	130.95 Mpps
Packet Buffer	12 Mbit	12 Mbit	12 Mbit	16 Mbit	16 Mbit
MAC address table	16,000	16,000	16,000	16,000	16,000
Maximum VLAN Support	4094	4094	4094	4094	4094
Dimensions (W x D x H)	440 mmx 207.5 mm x 43.6 mm	440 mmx 357.6 mm x 43.6 mm	440 mm x 267.5 mm x 43.6 mm	440 mmx 267.5 mm x 43.6 mm	440 mmx 357.6 mm x 43.6 mm
Weight (With package)	2.9 kg	4.75 kg	3.35 kg	3.6 kg	5.4 kg
MTBF	> 200,000	> 200,000	> 200,000	> 200,000	> 200,000
Warranty	5 Years	5 Years	5 Years	5 Years	5 Years

## Layer 2 Features

Jumbo Frame	9216	9216	9216	9216	9216
Flow Control	✓	✓	✓	✓	✓
STP (IEEE 802.1d)	✓	✓	✓	✓	✓
RSTP (IEEE 802.1w)	✓	✓	✓	✓	✓
MSTP (IEEE 802.1s)	-	-	-	-	-
Port Fast	✓	✓	✓	✓	✓

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## Layer 2 Features

Model	RG-NBS3200-24GT4XS	RG-NBS3200-24GT4XS-P	RG-NBS3200-24SFP/8GT4XS	RG-NBS3200-48GT4XS	RG-NBS3200-48GT4XS-P
BPDU Guard	✓	✓	✓	✓	✓
Errdisable Recovery	✓	✓	✓	✓	✓
Max. Aggregation Group	16	16	16	16	16
Max. Member per Group	8	8	8	8	8
Unknown Unicast Storm Suppression	✓	✓	✓	✓	✓
Multicast / Broadcast Storm Suppression	✓	✓	✓	✓	✓
Many-to-One Mirroring	✓	✓	✓	✓	✓
VLAN Range	1-4094	1-4094	1-4094	1-4094	1-4094
Port-based VLAN	✓	✓	✓	✓	✓
MAC-based VLAN	✓	✓	✓	✓	✓
IP-based VLAN	✓	✓	✓	✓	✓
Voice VLAN	✓	✓	✓	✓	✓
RDP	✓	✓	✓	✓	✓
LLDP / LLDP-MED	✓	✓	✓	✓	✓
Cable Testing	✓	✓	✓	✓	✓
IGMP Snooping v1/v2/v3	✓	✓	✓	✓	✓

## Software Features

Ping	✓	✓	✓	✓	✓
Traceroute	✓	✓	✓	✓	✓
ACL Entries	1900	1900	1900	1900	1900

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## Software Features

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IP Standard ACL	✓	✓	✓	✓	✓
MAC-based Extended ACL	✓	✓	✓	✓	✓
IP-based Extended ACL	✓	✓	✓	✓	✓
Port-based Rate Limit (Ingress/Egress)	✓	✓	✓	✓	✓
SNMP v1/v2c/v3	-	-	-	-	-
Web Management	✓	✓	✓	✓	✓
Management IP	10.44.77.200	10.44.77.200	10.44.77.200	10.44.77.200	10.44.77.200
HTTP/HTTPS	✓	✓	✓	✓	✓
Cloud Management	✓	✓	✓	✓	✓
SON (Self-Organizing Network) with IP	✓	✓	✓	✓	✓
Camera Recognition	✓	✓	✓	✓	✓
Loop Prevention	✓	✓	✓	✓	✓
Loop Notification	✓	✓	✓	✓	✓
PoE Usage Alarm	-	✓	-	-	✓
Protection Port	✓	✓	✓	✓	✓
IP Source Guard	✓	✓	✓	✓	✓
Anti-ARP Spoofing	✓	✓	✓	✓	✓
DHCP Snooping	✓	✓	✓	✓	✓
DHCP Client	✓	✓	✓	✓	✓

## Physical Features

Reset Button	Front	Front	Front	Front	Front
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## Physical Features

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Cable Hot-swappable	✓	✓	✓	✓	✓
Power Supply Slot	Single, fixed power supply	Single, fixed power supply	Single, fixed power supply	Single, fixed power supply	Single, fixed power supply
Power Supplies	100 - 240V AC, 1.5A	100 - 240V AC, 6A	100 - 240V AC, 2A	100 - 240V AC, 2A	100 - 240V AC, 7A
Power Consumption	≤ 28W	≤ 432W	≤ 42W	≤ 46W	≤ 448W
EEE	✓	✓	✓	✓	✓
Fan	1	1	1	1	1
Airflow	Left-to-Rear	Left-to-Right	Left-to-Rear	Left/Right-to-Rear	Left/Right-to-Rear
Fan Adaptive Speed Adjustment	✓	✓	✓	✓	✓
Acoustic Noise	< 45dB	< 45dB	< 45dB	< 45dB	< 45dB
Operating Temperature	0°C to 50°C (32°F to 122°F)	0°C to 50°C (32°F to 122°F)	0°C to 50°C (32°F to 122°F)	0°C to 50°C (32°F to 122°F)	0°C to 50°C (32°F to 122°F)
Storage Temperature	-40°C to 70°C (-40°F to 158°F)	-40°C to 70°C (-40°F to 158°F)	-40°C to 70°C (-40°F to 158°F)	-40°C to 70°C (-40°F to 158°F)	-40°C to 70°C (-40°F to 158°F)
Operating Humidity	10% to 90% RH	10% to 90% RH	10% to 90% RH	10% to 90% RH	10% to 90% RH
Storage Humidity	5% to 95% RH	5% to 95% RH	5% to 95% RH	5% to 95% RH	5% to 95% RH
Port Surge	6 kV	6 kV	6 kV	6 kV	6 kV
Operating Altitude (meters)	-500 to 5000	-500 to 5000	-500 to 5000	-500 to 5000	-500 to 5000
Certificate	CE, RoHS	CE, RoHS	CE, RoHS	CE, RoHS	CE, RoHS

# Package Contents

Device	RG-NBS3100-8GT2SFP	RG-NBS3100-8GT2SFP-P	RG-NBS3100-24GT4SFP	RG-NBS3100-24GT4SFP-P	RG-NBS3100-48GT4SFP-P
Mounting Bracket	2	2	2	2	2
Foot pad	4	4	4	4	4
Power supply	Power adapter	Power cord	Power cord	Power cord	Power cord
Quick Start Guide	1	1	1	1	1
Warranty Card	1	1	1	1	1
Accessories	Screws * 6	Screws * 6	Screws * 6	Screws * 6	Screws * 8
Package Weight	1.2 kg	2 kg	2.4 kg	4.5 kg	5.4 kg
Package Dimension (w x d x h)	361 mm x 259 mm x 94 mm	401 mm x 359 mm x 94 mm	533 mm x 258 mm x 102 mm	573 mm x 401 mm x 145 mm	573 mm x 468 mm x 165 mm

Device	RG-NBS3200-24GT4XS	RG-NBS3200-24GT4XS-P	RG-NBS3200-24SFP/8GT4XS	RG-NBS3200-48GT4XS	RG-NBS3200-48GT4XS-P
Mounting Bracket	2	2	2	2	2
Foot pad	4	4	4	4	4
Power supply	Power cord	Power cord	Power cord	Power cord	Power cord
Quick Start Guide	1	1	1	1	1
Warranty Card	1	1	1	1	1
Accessories	Screws * 8	Screws * 8	Screws * 8	Screws * 8	Screws * 8
Package Weight	2.9 kg	4.75 kg	3.35 kg	3.6 kg	5.4 kg
Package Dimension (w x d x h)	513 mm x 333 mm x 145 mm	573 mm x 468 mm x 165 mm	573 mm x 401 mm x 145 mm	573 mm x 401 mm x 145 mm	573 mm x 468 mm x 165 mm