RG-NBR6000 Series
Reyee High-performance Cloud Managed Security Router

DATASHEET

Highlights

- High performance, "All-in-One" cloud managed security router.

- All-in-one: firewall + network behavior audit + IPS + AC = NBR.

- Open API, freely third party Integration.

- Accurate screen mirroring, one-to-one guest room screen mirroring.

- L7 DPI and intelligent flow control in VPN tunnels.

- Integrated wireless AC, free to use.

Highlight Features

High Performance, "All-in-One" Security Router

2.5 Gbps
2000 Users

RG-NBR6215-E

RG-NBR6210-E

RG-NBR6205-E

500 Mbps
200 Users

RG-NBR6120-E

Up to 2.5Gbps Throughput | Up to 2000 Concurrent Users | 10G SFP+Port Uplink | Up to 1000 IPSec Tunnels | Free Cloud Management

Multi-service, One is Enough

All-in-one: Firewall + Network Behavior Audit + IPS + AC = NBR

Internet — Firewall — IPS — Network Behavior Audit — Core Switch

Office Area

NBR6000 Series

Wireless Controller | AP1 | AP2

Open API, Freely Third Party Integration

Web Server | Radius Server | PMS System

/ Highlight Features

Accurate Screen Mirroring

One-to-one guest room screen mirroring.

L7 DPI and Intelligent Flow Control in VPN Tunnels

Not only powerful behavior management(2500+ rules library) based on L7 DPI,
but also visualized VPN, to guarantee key service in tunnel.

Deep Inspection

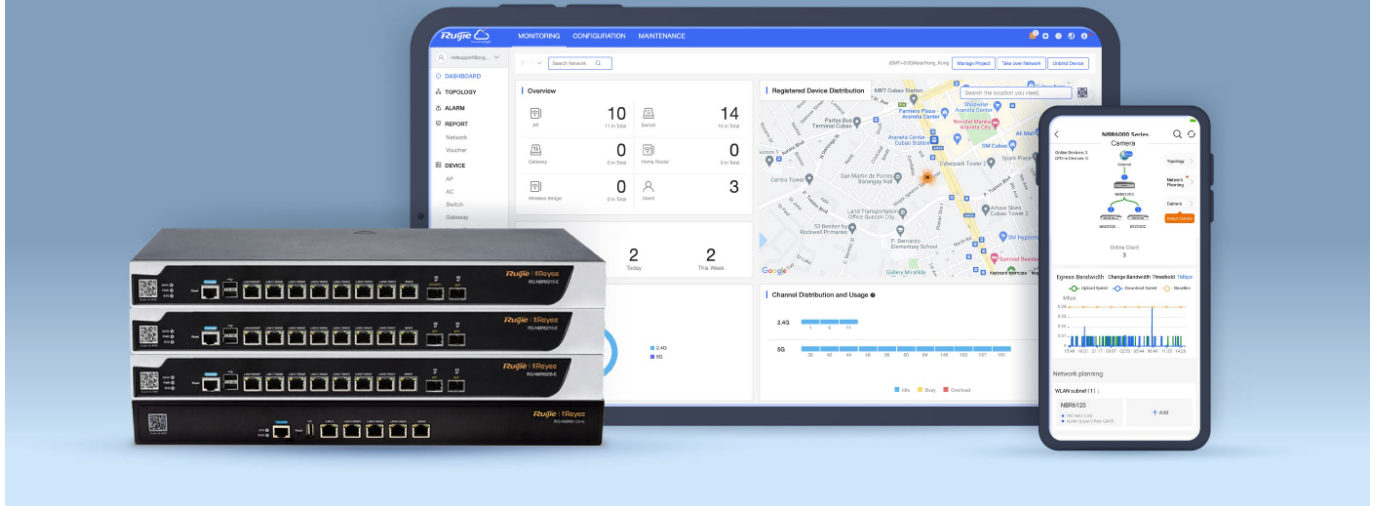DPI — L7 Deep Packet Inspection

CFI — Control Flow Inspection

DFI — Deep Flow Inspection

Visualized VPN

OA System

Financial System

Video Conference

ERP/CRM System

VPN Tunnels

Branches

HQ
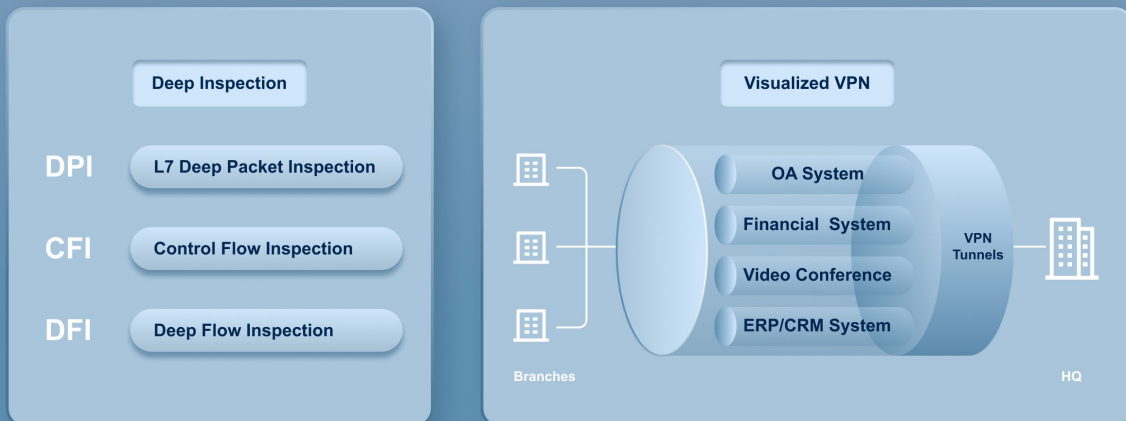
Integrated Wireless AC, Free to Use

Support to manage max. 64 Indoor AP (128 Wall AP), cut down network failure point, save cost to users.

Ruijie | Reyee
RG-NBR6215-E

Highlight Features

Cloud, Make Your Business Easy

- Self-organization network
- Scenario-based configuration guide
- Marketing portal authentication
- Quikly advanced service setup by APP
- Cloud APP maintenance remotely

Specifications

Hardware Specifications				
Specification	**RG-NBR6120-E**	**RG-NBR6205-E**	**RG-NBR6210-E**	**RG-NBR6215-E**
Basic Specifications				
WAN Port	1 x 10/100/1000 Base-T port	1 x 10/100/1000 Base-T port	1 x 10/100/1000 Base-T port	1 x 10/100/1000 Base-T port
LAN Port	1 x 10/100/1000 Base-T port	1 x 10/100/1000 Base-T port	1 x 10/100/1000 Base-T port	1 x 10/100/1000 Base-T port
LAN/WAN Switchable Port	3 x 10/100/1000 Base-T port	6 x 10/100/1000 Base-T ports 2 x 1GBase-X SFP ports	6 x 10/100/1000 Base-T ports 2 x 1GBase-X SFP ports	6 x 10/100/1000 Base-T ports 1 x 1GBase-X SFP port 1 x 10GBase-X SFP+ port
Throughput	500 Mbps	1.5 Gbps	2.5 Gbps	2.5 Gbps
Client (Recommended)	200	500	1000	2000
System Specifications				
CPU	2 Cores, 880 MHz	2 Cores, 1.2 GHz	3 Cores, 1.2 GHz	4 Cores, 1.2 GHz
SDRAM/RAM	512 MB	2 GB	2 GB	2 GB
Flash Memory	4 GB	8 MB	8 MB	8 MB
Hard Disk Drive	Not Support	1 TB (Not delivered with the router, can be added)	1 TB (Not delivered with the router, can be added)	1 TB (Not delivered with the router, can be added)
Physical Specifications				
LED	1 x System Status LED 1 x Power Status LED	1 x System Status LED 1 x Power Status LED 1 x SATA LED	1 x System Status LED 1 x Power Status LED 1 x SATA LED	1 x System Status LED 1 x Power Status LED 1 x SATA LED
Button	1 x Power button	1 x Power button	1 x Power button	1 x Power button
Dimensions (W x D x H)	440 mm x 43.6 mm x 200 mm (17.32 in. x 1.72 in. x 7.87 in., without rubber pads)	440 mm x 43.6 mm x 200 mm (17.32 in. x 1.72 in. x 7.87 in., without rubber pads)	440 mm x 43.6 mm x 200 mm (17.32 in. x 1.72 in. x 7.87in., without rubber pads)	440 mm x 43.6 mm x 200 mm (17.32 in. x 1.72 in. x 7.87 in., without rubber pads)
Mounting Method	Rack-mounted	Rack-mounted	Rack-mounted	Rack-mounted

Specifications

Hardware Specifications				
Specification	**RG-NBR6120-E**	**RG-NBR6205-E**	**RG-NBR6210-E**	**RG-NBR6215-E**
Rack Size	1U 19-inch Rack-mounted	1U 19-inch Rack-mounted	1U 19-inch Rack-mounted	1U 19-inch Rack-mounted
Fan	N/A	2	2	2
Environment				
Operating Temperature	–5℃ to 45℃ (23°F to 113°F)	0℃ to 45℃ (32°F to 113°F)	0℃ to 45℃ (32°F to 113°F)	0℃ to 45℃ (32°F to 113°F)
Operating Humidity	10% to 90% RH (non-condensing)	10% to 90% RH (non-condensing)	10% to 90% RH (non-condensing)	10% to 90% RH (non-condensing)
Performance				
Max Managed Access Points	16 Access points or 32 wall-mounted access points	32 Access points or 64 wall-mounted access points	64 Access points or 128 wall-mounted access points	64 Access points or 128 wall-mounted access points
PPPoE Server Accounts	200	500	1000	2000
Software Specifications				
Basic Features				
Internet Access Mode	PPPoE Client DHCP Client Static IP	PPPoE Client DHCP Client Static IP	PPPoE Client DHCP Client Static IP	PPPoE Client DHCP Client Static IP
Access Mode Auto-Identification	✓	✓	✓	✓
WAN Address Collision Avoidance	✓	✓	✓	✓
VLAN	✓	✓	✓	✓
IPv6	✓	✓	✓	✓
SNMP	✓	✓	✓	✓
Network Management				
Port Isolation	✓	✓	✓	✓
Port Mirroring	✓	✓	✓	✓

Specifications

Software Specifications				
Specification	RG-NBR6120-E	RG-NBR6205-E	RG-NBR6210-E	RG-NBR6215-E
LAN Port Link Aggregation	-	✓	✓	✓
AC Mode	✓	✓	✓	✓
Behavior Management	App Block (Time/IP-based Policy) Website Filtering Blacklist/Whitelist			
Application Identification	✓	✓	✓	✓
Application Priority	✓	✓	✓	✓
Flow Control	User Flow Control Policies IP-based Automatic Bandwidth Assignment VPN Flow Control			
System Log	✓	✓	✓	✓
Log Storage	✓	✓	✓	✓
Fault Diagnosis	✓	✓	✓	✓
Authentication	Portal Authentication Password Authentication Voucher Authentication SMS Authentication			
VPN				
L2TP VPN	✓	✓	✓	✓
PPTP VPN	✓	✓	✓	✓
IPsec VPN	✓	✓	✓	✓
L2TP/PPTP Tunnels	16	400	600	1000
L2TP/IPsec VPN Performance	8 Mbps	400 Mbps	600 Mbps	1000 Mbps
Routing				
Static Routing	✓	✓	✓	✓
RIP/RIPng	✓	✓	✓	✓
OSPFv2	✓	✓	✓	✓
OSPFv3	-	✓	✓	✓

Specifications

Software Specifications				
Specification	**RG-NBR6120-E**	**RG-NBR6205-E**	**RG-NBR6210-E**	**RG-NBR6215-E**
Equal-Cost Multi-Path Routing	✓	✓	✓	✓
Policy-Based Routing	✓	✓	✓	✓
Active/Standby Switchover of Ports	✓	✓	✓	✓
WAN Load Balancing	✓	✓	✓	✓
Network				
PPPoE Client	✓	✓	✓	✓
PPPoE Server	✓	✓	✓	✓
DHCP Server	✓	✓	✓	✓
DHCP Snooping	✓	✓	✓	✓
DNS Client	✓	✓	✓	✓
DNS Server	✓	✓	✓	✓
DNS Proxy	✓	✓	✓	✓
FTP Client	✓	✓	✓	✓
FTP Server	✓	✓	✓	✓
TFTP Client	✓	✓	✓	✓
NTP Client	-	✓	✓	✓
DDNS	Cloud DNS	Cloud DNS	Cloud DNS	Cloud DNS
NAT	✓	✓	✓	✓
SNMP	✓	✓	✓	✓
Ruijie Cloud	✓	✓	✓	✓
ACL				
ACL	✓	✓	✓	✓

/ Specifications

Software Specifications				
Specification	RG-NBR6120-E	RG-NBR6205-E	RG-NBR6210-E	RG-NBR6215-E
Time-based Extended ACL	✓	✓	✓	✓
Security				
SYN Flood Attack Guard	-	✓	✓	✓
UDP Flood Attack Guard	-	✓	✓	✓
ICMP Flood Attack Guard	-	✓	✓	✓
ICMP Redirection Attack Guard	-	✓	✓	✓
ICMP Unreachable Packet Attack Guard	-	✓	✓	✓
Fraggle Attack Guard	-	✓	✓	✓
Overlength ICMP Packet Attack Prevention	-	✓	✓	✓
Winnuke Attack Guard	-	✓	✓	✓
IP-based Security Domain Division	-	✓	✓	✓
Security Domain Division based on Physical Port (Sub Interface and Aggregation Port) and Dialup Port	-	✓	✓	✓
Service and Support				
Cloud Management	✓	✓	✓	✓
App Management	✓	✓	✓	✓
App Upgrade	✓	✓	✓	✓
App Restart	✓	✓	✓	✓

Package Contents

Package Contents	RG-NBR6120-E	RG-NBR6205-E	RG-NBR6210-E	RG-NBR6215-E
Router	1	1	1	1
Power Cord	1	1	1	1
Power Cord Retention Clip	1	1	1	1
Rubber Pads	4	4	4	4
Mounting Brackets	2	2	2	2
M4 x 8 mm Screws	6	6	6	6
DB-9 Console Cable	1	1	1	1
Ethernet Cable	1	1	1	1
User Manual	1	1	1	1
Warranty Card	1	1	1	1
Package Weight	14.66 kg	17.08 kg	17.08 kg	17.08 kg
Package Dimension (w x d x h)	560 mm x 470 mm x 380 mm	560 mm x 470 mm x 380 mm	560 mm x 470 mm x 380 mm	560 mm x 470 mm x 380 mm

RUIJIE | Reyee

Redefine your easy network