

RG-EG300GH-E Series

Reyee 5/10-Port High Performance Cloud Managed Office Router

DATASHEET

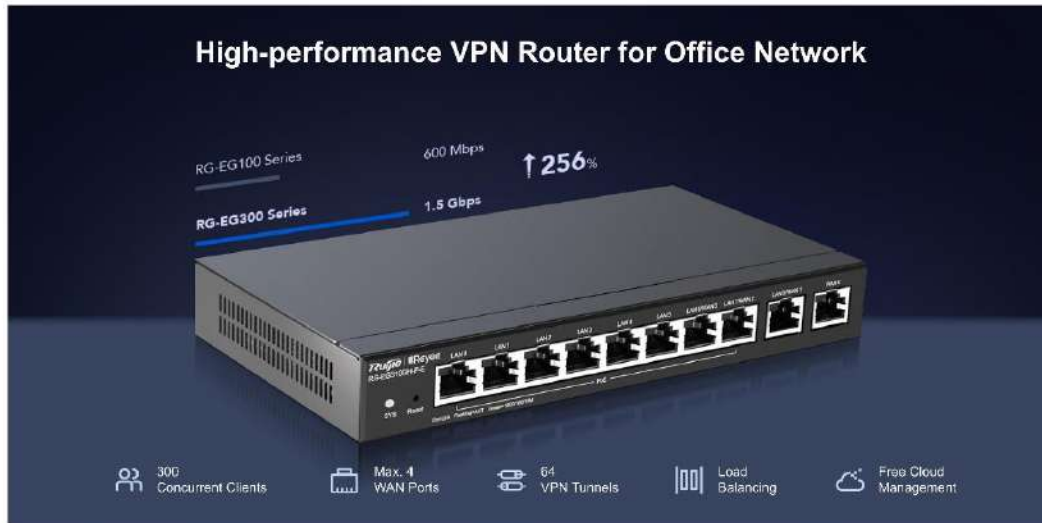


Highlights

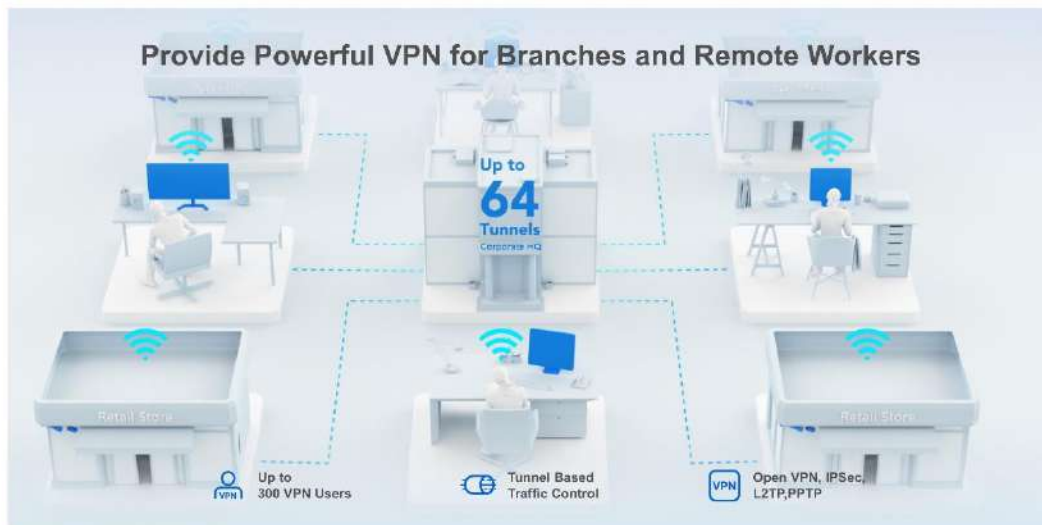
- High-performance router for office network
- Provide powerful VPN for branches and remote workers
- Provide traffic visualization monitoring, everything in a glance
- New efficient way of bandwidth management based on application and user
- Unbreakable multi-WAN, intelligent load balancing

Highlight Features

High-performance VPN Router for Office Network



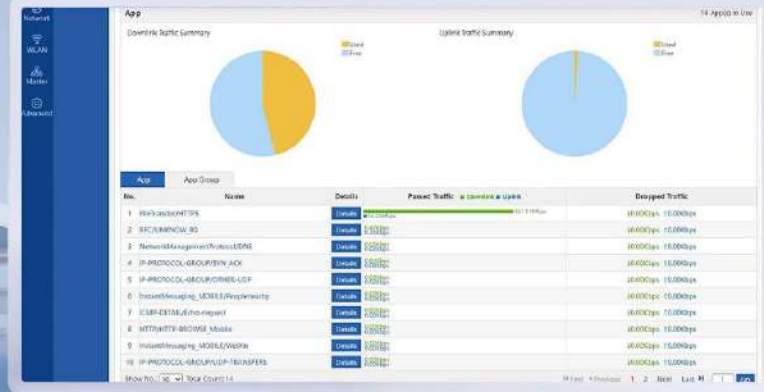
Provide Powerful VPN for Branches and Remote Workers



Highlight Features

Who is Eating Your Internet Speed?

Traffic visualization monitoring for you. No matter traffic user ranking, or traffic application ranking, everything in a glance



New Efficient Way of Bandwidth Management

Application Based Bandwidth Management



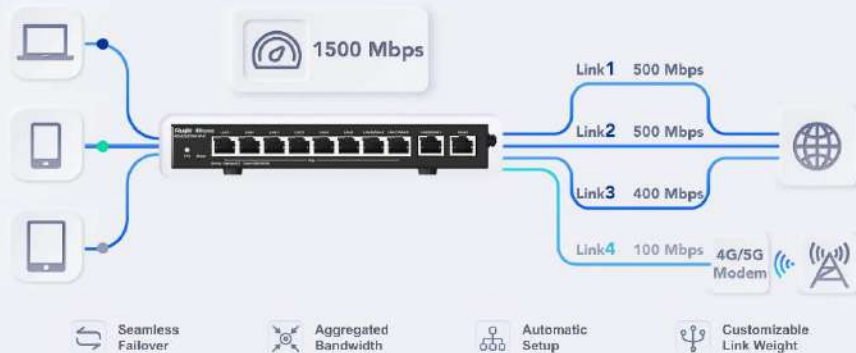
User Based Bandwidth Management



Highlight Features

Unbreakable Multi-WAN, Intelligent Load Balancing

Supports load balancing, redundancy link, and source IP based PBR(Policy based routing).
Preventing login failures due to IP address changes for services such as e-banking.



Cloud, Make Your Business Easy

- Rayee free DDNS
- Cloud portal authentication
- Remote monitoring and maintenance
- Upgrade firmware via Cloud
- APP library dynamic update
- Customized APP library via APP



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|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 101 | 102 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110 | 111 | 112 | 113 | 114 | 115 | 116 | 117 | 118 | 119 | 120 | 121 | 122 | 123 | 124 | 125 | 126 | 127 | 128 | 129 | 130 | 131 | 132 | 133 | 134 | 135 | 136 | 137 | 138 | 139 | 140 | 141 | 142 | 143 | 144 | 145 | 146 | 147 | 148 | 149 | 150 | 151 | 152 | 153 | 154 | 155 | 156 | 157 | 158 | 159 | 160 | 161 | 162 | 163 | 164 | 165 | 166 | 167 | 168 | 169 | 170 | 171 | 172 | 173 | 174 | 175 | 176 | 177 | 178 | 179 | 180 | 181 | 182 | 183 | 184 | 185 | 186 | 187 | 188 | 189 | 190 | 191 | 192 | 193 | 194 | 195 | 196 | 197 | 198 | 199 | 200 |

Specifications

Physical Basic

| Model | RG-EG305GH-P-E | RG-EG310GH-P-E | RG-EG310GH-E |
|----------------------------|--|---------------------------------|--------------|
| Fixed WAN Port | 1×10/100/1000 Base-T | | |
| Fixed LAN Port(s) | 1×10/100/1000 Base-T | 6×10/100/1000 Base-T | |
| LAN/WAN Switchable Port(s) | 3×10/100/1000 Base-T | | |
| Performance | 1.5 Gbps (1518 Byte,NAT+Flow Audit) 1000 Mbps (1518 Byte,NAT+Authentication, Application Identification, Flow Audit and Flow Control) | | |
| Throughput | 1.5 Gbps | | |
| Recommended Clients | 300 | | |
| Power Consumption | ≤ 80 W (With PoE full load) | ≤ 130 W (With PoE full load) | ≤ 15 W |

Software Feature

| | |
|---|---|
| Network Access Mode | PPPoE Client DHCP Client Static IP |
| Automatic Identification of Internet Type | ✓ |
| Avoidance of WAN IP Address Conflicts | ✓ |
| Learning PPPoE Account & Password | ✓ |
| VLAN | Support, 8 |
| IPv6 | ✓ |
| IPTV | ✓ |
| AC Mode | ✓ |
| Behavior Management | App Block (Time/IP-based Policy) Website Filtering |
| Application Recognition | Identify 100+ Applications, including Office, IM, Web Page, Online Shopping, Online Gaming, P2P Download and Popular Videos |
| Application Priority | ✓ |

Specifications

| Software Feature | | | |
|----------------------------------|---|----------------|--------------|
| Model | RG-EG305GH-P-E | RG-EG310GH-P-E | RG-EG310GH-E |
| Flow Control | Smart Flow Control Custom flow Control Policies IP-based Automatic Bandwidth Assignment | | |
| Traffic Audit | Real-time Traffic Audit | | |
| Diagnosis | ✓ | | |
| Marketing authentication | WiFiDog (SMS authentication and one-click authentication) | | |
| Local authentication | Portal Authentication Password Authentication QR Code Authentication | | |
| Max Manager Reyeer Switches | 128 | | |
| No. of PPPoE Server Account | 64 | | |
| L2TP VPN | ✓ | | |
| PPTP VPN | ✓ | | |
| IPsec VPN | ✓ | | |
| OpenVPN | ✓ | | |
| No. of PPTP&L2TP&OpenVPN Account | 300 | | |
| Overall IPsec VPN Performance | 230 Mbps | | |
| Overall L2TP VPN Performance | 640 Mbps | | |
| Overall OPENVPN Performance | 100 Mbps | | |
| IPsec VPN Tunnels | 64 | | |
| OpenVPN Tunnels | 64 | | |
| L2TP VPN Tunnels | 64 | | |
| Static routing | ✓ | | |
| RIP/RIPng | ✓ | | |
| Policy-Based Routing (PBR) | ✓ | | |

Specifications

| Software Feature | | | |
|--|--------------------------------------|----------------|--------------|
| Model | RG-EG305GH-P-E | RG-EG310GH-P-E | RG-EG310GH-E |
| WAN Port Failover | | ✓ | |
| WAN Load Balancing | | ✓ | |
| Load balancing based on source address | | ✓ | |
| Flow-based Load Balancing | | ✓ | |
| Port-based weighted load balancing of data streams | | ✓ | |
| PPPoE Client | | ✓ | |
| PPPoE Server | | ✓ | |
| DHCP Server | | ✓ | |
| DNS Server | | ✓ | |
| DNS Client | | ✓ | |
| DNS Proxy | | ✓ | |
| NTP Client | | ✓ | |
| DDNS | Oray DDNS,DynDns, NO-IP, Ruijie DDNS | | |
| NAT | | ✓ | |
| NAPT | | ✓ | |
| NAT ALG | | ✓ | |
| Port Mapping | | ✓ | |
| UPnP | | ✓ | |
| MACC | | ✓ | |
| ACL | | ✓ | |
| Time-based ACLs | | ✓ | |
| Malicious Attacks Defense | | ✓ | |

Specifications

| Software Feature | | | |
|--------------------------------|---|----------------|--------------|
| Model | RG-EG305GH-P-E | RG-EG310GH-P-E | RG-EG310GH-E |
| ARP binding | | ✓ | |
| Prevent Port Scan Attack | | ✓ | |
| Prevent Fragmentation Attack | | ✓ | |
| Prevent Teardrop Attack | | ✓ | |
| Prevent Ping of Death Attack | | ✓ | |
| Prevent Land Attack | | ✓ | |
| Prevent Smurf / Fraggle attack | | ✓ | |
| Prevent SYN Flood Attack | | ✓ | |
| Cloud Management | | ✓ | |
| APP Management | | ✓ | |
| APP Upgrade | | ✓ | |
| APP Restart | | ✓ | |
| Scheduled Restart | | ✓ | |
| Default Access/Password | 192.168.110.1 No Password Required by Default | | |
| Local Upgrade | | ✓ | |
| Online Upgrade | | ✓ | |
| Backup | | ✓ | |
| Factory Reset | | ✓ | |
| Language | Chinese English Vietnamese Indonesian Thai Arabic Traditional Chinese Spanish Russian | | |

Specifications

| Hardware Feature | | | |
|-----------------------|--|------------------------------------|---|
| Model | RG-EG305GH-P-E | RG-EG310GH-P-E | RG-EG310GH-E |
| CPU | 2 Cores, 1.35 GHz | | |
| SDRAM/RAM | 512 MB | | |
| Flash Memory | 256 MB SPI NAND FLASH | | |
| Power Supplies | DC 54V/1.48A (Adapter included) | DC 54V/2.4A (Adapter included) | 100V~240V AC, 50/ 60Hz |
| PoE Standard | IEEE 802.3af/at | | NA |
| PoE Power Budget | 60 W | 110 W | NA |
| DC Port Dimensions | Outer Diameter: 5.5 mm Inner Diameter: 2.1 mm Length: 10 mm (Outer Diameter: 0.22 in. Inner Diameter: 0.08 in. Length: 0.39 in.) | | NA |
| Indicator | 1×system LED indicator | | |
| Buttons | 1×Reset button | | |
| Dimensions(W×D×H) | 202 mm x 28 mm x 108 mm (7.9 5 in. x 1.1 in. x 4.25 in.) | | 43.6 mm x 440 mm x 200 mm (1.72 in. x 17.32 in. x 7.87 in.) |
| Weight | 0.5 kg (packages not included) | 0.55 kg (packages not included) | 2.4 kg (packages not included) |
| Installation | Desk-mounted | | Rack-mounted |
| Rack Dimensions | NA | | 1U 19-inch Rack-mounted |
| Dissipation Mode | Air-cooled Heat Dissipation | | |
| Fan | Fansless | | |
| Operating Temperature | 0°C to 40°C (32°F to 104°F) | | |
| Storage Temperature | -40°C to 70°C (-40°F to 158°F) | | |
| Operating Humidity | 10% to 90% Noncondensing | | |

Specifications

| Hardware Feature | | | |
|------------------------|-------------------------|----------------|--------------|
| Model | RG-EG305GH-P-E | RG-EG310GH-P-E | RG-EG310GH-E |
| Storage Humidity | 5% to 90% Noncondensing | | |
| Port Surge | 4 kV | | |
| IP(Ingress Protection) | IP20 | | |

Package Contents

| Device | RG-EG305GH-P-E | RG-EG310GH-P-E | RG-EG310GH-E |
|-------------------------------|-------------------------|-------------------------|--------------------------|
| Foot Pad | 4 | 4 | 4 |
| Power Adapter | 1 | 1 | - |
| Power Cord | 1 | 1 | 1 |
| Mounting Bracket | - | - | 2 |
| M4 x 8 mm Screw | - | - | 6 |
| Power Cord Retention Clip | - | - | 1 |
| User Manual | 1 | 1 | 1 |
| Warranty Card | 1 | 1 | 1 |
| Package Weight | 1.5 kg | 1.6 kg | 3.4 kg |
| Package Dimension (w x d x h) | 305 mm x 289 mm x 64 mm | 305 mm x 289 mm x 64 mm | 536 mm x 351 mm x 110 mm |

Ruijie | 睿易 Rcycc

 **Redefine your easy network**



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