

# RUIJIE REYEE ROUTING PORTFOLIO

## Technical Reference Datasheet & Specifications Catalog

Ruijie Reyee splits its routing ecosystem into two specialized divisions: **Enterprise/Commercial Gateways (EG Series)** optimized for multi-WAN load balancing, traffic shaping, and captive portal management, and **Home/SOHO Mesh Routers (EW Series)** designed for high-density wireless throughput, deep signal penetration, and rapid mesh deployment.

### 1. Enterprise & Commercial Gateways (EG Series)

Engineered with heavy-duty casings optimized for thermal management, these rackmount and desktop gateways operate as high-performance core routers and integrated network controllers capable of provisioning downstream Reyee switches and wireless access points natively.

| Model          | Physical Interfaces       | PoE Output        | Max Clients | Throughput | Key Features                                           |
|----------------|---------------------------|-------------------|-------------|------------|--------------------------------------------------------|
| RG-EG105G-V3   | 5 × 10/100/1000 Base-T    | N/A               | 100         | 600 Mbps   | Compact desktop form-factor, up to 2 WAN ports.        |
| RG-EG105G-P-V3 | 5 × 10/100/1000 Base-T    | 4 Ports (54W Max) | 100         | 600 Mbps   | Powers downstream IP cameras/APs directly.             |
| RG-EG105GW(T)  | 5 × 10/100/1000 Base-T    | N/A               | 150         | 700 Mbps   | Integrated Dual-Band Wi-Fi 5 (1267 Mbps) built-in.     |
| RG-EG209GS     | 8 × Gig RJ45 + 1 × 1G SFP | N/A               | 200         | 600 Mbps   | Dedicated fiber uplink slot for direct SFP backhaul.   |
| RG-EG210G-E    | 10 × 10/100/1000 Base-T   | N/A               | 200         | 1 Gbps     | 1U Rackmount chassis, up to 4 WAN load-balanced ports. |
| RG-EG210G-P-V3 | 10 × 10/100/1000 Base-T   | 8 Ports (70W Max) | 200         | 600 Mbps   | Full rackmount gateway with multi-port PoE utility.    |

| Model                 | Physical Interfaces          | PoE Output        | Max Clients | Throughput | Key Features                                                |
|-----------------------|------------------------------|-------------------|-------------|------------|-------------------------------------------------------------|
| <b>RG-EG305GH-P-E</b> | 5 × 10/100/1000 Base-T       | 4 Ports (60W Max) | 350         | 1.5 Gbps   | High-performance chip for heavy bandwidth sorting.          |
| <b>RG-EG310GH-E</b>   | 10 × 10/100/1000 Base-T      | N/A               | 350         | 1.5 Gbps   | High-throughput rack model engineered for medium hubs.      |
| <b>RG-EG406XS</b>     | 5 × 2.5G RJ45 + 1 × 10G SFP+ | N/A               | 400         | 2.5 Gbps   | Full multi-gigabit backend; 100 IPsec VPN tunnels.          |
| <b>RG-EG710XS</b>     | 4 × 2.5G RJ45 + 6 × 1G RJ45  | N/A               | 700         | 3 Gbps     | Quad-core enterprise processing array; 300 VPN tunnels.     |
| <b>RG-EG1510XS</b>    | Multi-Gig RJ45 + 10G SFP+    | N/A               | 1,500       | 4 Gbps     | Core multi-gigabit gateway; 1 TB local storage for logging. |

## 2. Home, Smart-SOHO & Gaming Mesh Routers (EW Series)

Built explicitly around the proprietary "Reyee Mesh" framework for one-click pairing, these smart wireless systems prioritize dense multi-wall signal penetration, active beamforming, and seamless hardware roaming protocols (802.11k/v/r).

### Next-Gen Wireless Systems (Wi-Fi 7 & Wi-Fi 6)

| Model                  | Standard           | Max Bandwidth | Physical Interfaces | Key Performance Identifiers                                             |
|------------------------|--------------------|---------------|---------------------|-------------------------------------------------------------------------|
| <b>RG-EW7200BE PRO</b> | Wi-Fi 7 (802.11be) | 7200 Mbps     | 5 × 2.5 Gbps Ports  | 9 independent FEMs for multi-wall penetration; MLO support; Game Turbo. |

| Model                  | Standard           | Max Bandwidth | Physical Interfaces | Key Performance Identifiers                                                     |
|------------------------|--------------------|---------------|---------------------|---------------------------------------------------------------------------------|
| <b>RG-EW6000GX</b>     | Wi-Fi 6 (802.11ax) | 6000 Mbps     | 1 × 2.5G + 4 × 1G   | 8 spatial streams (\$4imes4\$ + \$4imes4\$); Dual-WAN link aggregation support. |
| <b>RG-EW3200GX PRO</b> | Wi-Fi 6 (802.11ax) | 3200 Mbps     | 1 × 1G + 3 × 1G     | 8 external omnidirectional antennas; designed for multi-floor layouts.          |
| <b>RG-EW3000GX PRO</b> | Wi-Fi 6 (802.11ax) | 3000 Mbps     | 1 × 1G + 3 × 1G     | Hardware gaming engine prioritization; optimized internal thermal heatsinks.    |
| <b>RG-EW1800GX PRO</b> | Wi-Fi 6 (802.11ax) | 1800 Mbps     | 1 × 1G + 3 × 1G     | Entry-level dual-band Wi-Fi 6 unit; optimized for mesh satellite nodes.         |

### Legacy & Specialty Deployments (Wi-Fi 5 / 4G Cellular)

- **RG-EW1200G PRO:** Wi-Fi 5 (802.11ac Wave 2) pushing up to 1267 Mbps. Configured with 1 × Gigabit WAN and 3 × Gigabit LAN ports alongside 6 dBi high-gain antennas for cost-effective residential reach.
- **RG-EW1300G:** Compact dual-band gigabit Wi-Fi 5 router, optimized for low-profile physical placement or clean SOHO media console enclosures.
- **RG-EW1200:** Budget-conscious legacy model utilizing 10/100 Fast Ethernet interfaces. Intended strictly for bandwidth plans under 100 Mbps.
- **RG-EW300T (4G LTE Mobile):** Wireless N300 specialty gateway featuring an integrated Micro SIM card interface. Designed for instant remote deployment or automatic cellular-to-broadband link failover.

### Core Cloud Infrastructure Ecosystem

Every single model within the Ruijie Reyee router portfolio syncs natively into the subscription-free **Ruijie Cloud Platform** without requiring local hardware controllers or on-premise server setups. This unlocks:

- **Remote Cloud Control:** Real-time topology generation, automated network self-healing, and multi-site configuration sync.
- **Flexible Portal Authorization:** Custom voucher creation, localized splash landing pages, and interactive authentication systems.
- **Traffic Engineering & Safety:** Visualized network traffic breakdowns, port-isolated VLAN mapping, and discrete application-based bandwidth throttling rules.