

## 4400 SERIES



### BASIC ROUTER FEATURES

- Industrial robust design and compact metal housing
- High data speed via 4G LTE-A
- Strong electromagnetic interference resistance, heat endurance and radiation ability
- Supports multiple VPN (IPSec, OpenVPN, VPN Client, GRE, etc.)
- Supports multiple network protocols (ICMP, TCP, UDP, Telnet, SSH, HTTP, HTTPS, etc.)
- Supports multiple functions (DHCP, DNS, DDNS, Firewall, NAT, DMZ host, etc.)
- Built-in watchdog, multi-link detection ensures working in stable and secure way
- Network failover and failback via Wi-Fi & Wired Internet
- Wi-Fi Built-In, Optional: Wi-Fi Antenna required
- 4xLAN or 3xLAN + 1xWAN
- WAN port support PPPoE, static IP, DHCP client, 4G
- Always online, automatic reboot if disconnected to ensure continual connection
- LCP/ICMP/flow/heartbeat check, to ensure network usability
- Web/CLI/SSH/management platform support, easy to configure
- SNMP network management, NTP support
- Local & remote management (configuration, status, upgrade firmware, ping, reboot)
- Supports Port forwarding and Bridge
- Supports timing operation
- Supports LED status indication
- Shock and vibration resistant
- Control by SMS, email
- Schedule reboot

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# SPECIFICATIONS



**Module:** Quectel EM160R-GL  
**Category:** Cat-16  
**Carrier Approvals:** Verizon, AT&T, T-Mobile  
**Regulatory Approvals:** FCC/IC, PTCRB, GCF  
**Frequency Bands:** B1 - B5, B7 - B8, B12 - B14, B17 - B20, B25 - B26, B28 - B30, B32, B66  
**Peak Data Speeds LTE:** DL 1.0 Gbps/ UL 150 Mbps

**Interface Type:** 4x 1 Gbps port (RJ45)  
 LED: "WLAN," "WAN," "LAN," "NET"  
 4 x SMA-K antenna interface  
 2 x RP-SMA Wi-Fi interface  
 SIM/UIM: 1.8V/3V  
 Power: "PWR" 5V ~ 30V  
 Reset: "RST"

**SIM:** 2FF  
**Dimensions:** Item (L x W x H): 5.25 x 4.5 x 1.75 inch  
 Packaging (L x W x H): 9.75 x 5.75 x 4.5 inch  
 Item Weight: 0.12 lbs.  
 Packaging: 1.13 lbs total weight including product

**Power Adapter:** Certificate: FCC, UL

**Certificates:** FCC, ISO, CE, RoHS

**Power Consumption:** Idle: <45mA@12VDC  
 Data: <300mA@12VDC  
 Average: 150mA@12VDC

**Package Content:** 4416 - 4 Port Router  
 CAT5 Ethernet Cable  
 Power Adapter  
 4 x Cellular Antenna - Mag Mount  
 1 SIM

**Physical:** Operating Temperature  
 Storage: -40°C to 85°C  
 Working: -30°C to 75°C  
 Humidity: 95% maximum (non-condensing)

**Wi-Fi:** Optional