



The LG2200D is an LTE-only wireless gateway which allows you to access and share 4G LTE mobile broadband connections via Wi-Fi and Ethernet. This gateway is equipped with a built-in LTE modem, four fast Ethernet ports and an Ethernet WAN port to ensure “always-on” connectivity. Designed with low latency applications and mobile multi-media in mind, the LG2200D delivers uncompromising performance and multi-service user experience for both your workspace and home. This gateway is ideal for any situations where a wireless network is needed, or wherever conventional Internet access is unavailable.

Key Benefits

- 4G LTE speeds
- Wireless N Speed up to 300 Mbps for a robust Wi-Fi network
- Preconfigured WPA/WPA2, WEP and WPS provides secure Wi-Fi access
- Expand storage and printer support via USB ports
- Remote management for faster network troubleshooting
- Easy to setup and use

Technical Specifications

System Requirements

- Compatible 4G LTE Mobile Service
- 2.4 GHz wireless adapter or Ethernet adapter and cable for each computer

Technology/Bands

- Mobile Broadband:
 - 4G LTE
 - Tri-Band 4G LTE: Bands 4, 5, and 12 (700, 850, and AWS 1700/2100 MHz)
- Wireless LAN:
 - 802.11 b/g/n 2x2 MIMO

Protocols

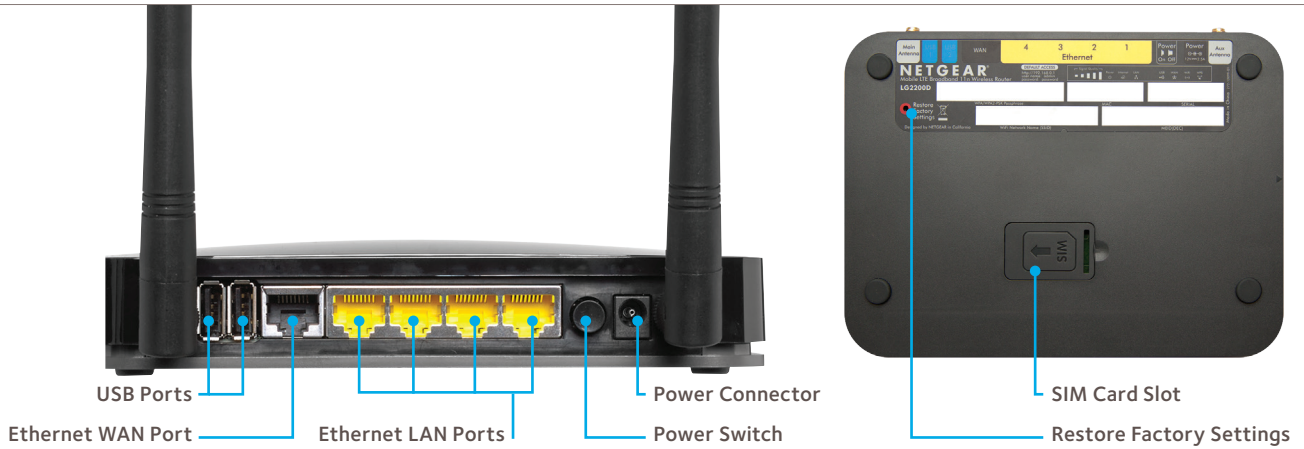
- DOS protect & DDOS detect, static and dynamic routing with TCP/IP, SIP & VPN pass-through (IPSec, L2TP, PPTP), RIP V1 & V2, DMZ, DNS, DNS Proxy, Dynamic DNS, DHCP (client, relay & server), RFC 1483 static IP, classic IP, port forwarding and Wireless Distribution System (WDS), QoS, TFTP Client

Physical Interfaces

- LAN: Four 10/100 Mbps auto-sensing, Auto Uplink™ RJ-45 ports
- WAN Ports: 4G LTE internal modem with 10/100 WAN Ethernet option
- Wireless: 802.11n access point auto rate capable to 300 Mbps
- 2 external SMA mobile antenna connectors
- 2 USB ports
- 3FF (micro) SIM card slot

Security

- Firewall: Stateful packet inspection (SPI), intrusion logging and reporting, denial service (DoS) and DDoS protection
- NAT traversal (VPN pass-through) for IPSec, PPTP and L2TP VPNs
- Mode of operation: Port and Network Address Translation (PAT/NAT), static routing
- IP Address Assignment: Static IP address assignment, internal DHCP server on LAN, DHCP client on WAN
- Domain Filtering & Parental Control



Technical Specifications

Functions

- Port range forwarding, exposed host (DMZ), DNS proxy, URL content filtering

Power Adapter

- 12V DC, 2.5 A

Physical Specifications

- Dimensions: 172.62 x 163.48 x 226.48 mm (6.79 x 6.44 x 8.92 in) (with antennas)
- Weight: 380g (with antennas)

Environmental Specifications

- Operating temperature: 0° to 40° C
- Operating humidity: 90% maximum relative humidity, non-condensing
- Storage temperature: -20C to 70C
- Storage humidity: 5% - 95%

Package Contents

- NETGEAR LTE Data Gateway 2200D (SIM card included)
- Power adapter
- Ethernet cable
- 2 External antennas
- Quick Installation Guide
- Product Safety and Warranty

Compliances

- FCC, Wi-Fi Alliance, UL

Network Management

- UPnP
- Remote Web Management
- NETGEAR Genie Smart Setup Wizard
- Traffic Monitoring and Limit controls
- Content Filtering: Block Sites, Block Services, Blocking Schedule, E-mail notification, Event Logs
- Maintenance: Router Status, Attached Devices, Backups, Set Password
- Port Forwarding, Port Triggering

Statistics (by LAN/WAN Port)

- Link Status
- Transmit / receive traffic in packets
- Up Time
- Poll Interval between updates

Wi-Fi

- WEP 64/128 bit
- WPA, WPA-PSK
- WPA2, WPA2-PSK
- MAC address Access Control
- Multi-SSID, Disable SSID broadcast
- WPS
- WMM-QoS & UAPSD
- Turn Wi-Fi on or off with push button
- Wireless Protection Setup (WPS) with PIN or push button

RF Characteristics

- Wi-Fi Transmit Power: 50 mW in 802.11g/n mode and 100 mW in 802.11b mode
- 2x2 MIMO

LEDs

- Power
- LTE Signal Quality (5 LED bar graph)
- Wi-Fi, WPS
- Internet
- LAN
- Ethernet WAN
- USB