



### Integrated Connectivity For Today's Borderless Networks

NETGEAR LG6100D Gateway combines LTE wireless broadband technology with 802.11ac Wi-Fi and Gigabit Ethernet enabling extremely high bandwidth and low latency over long distances. Designed for critical businesses and enterprise applications that require high data bandwidth and 24/7 connectivity, LG6100D includes advanced data capabilities such as firewall NAT and router functionality, and provides the users with multiple possibilities for local area connectivity (Ethernet and dual band concurrent 802.11 a/b/g/n/ac) and VPN support. NETGEAR LG6100D Gateway is ideal for small businesses, temporary command centers, remote offices, kiosks, retail POS locations, digital signage, surveillance and much more.

### Key Benefits

- **4G LTE speeds** for fast file sharing and downloading
- **802.11ac Wi-Fi** supports up to 80 connections at a time
- 2.4 GHz and 5 GHz **simultaneous dual-band Wi-Fi** provides the ultimate in flexibility and performance
- **Gigabit Ethernet ports** for the fastest, most reliable Internet connections
- **Power over Ethernet** enables flexible mounting locations
- **WAN to WWAN failover** guarantees an "always-on" connectivity
- High performance internal **2x2 MIMO Wi-Fi antennas**
- **USB port** for file sharing and printer support
- Preconfigured WPA/WPA2, WEP and WPS provides **secure Wi-Fi access**
- External **high-gain antennas** ensure optimal performance in areas of low signal strength
- **IPv6 capable** for future proof web surfing compatibility (not available at launch)
- **TR-069 capable** for remote management
- **Easy to setup and use**

### Technical Specifications

#### Technology/Bands

- LTE band 25 (1900MHz), 26 (850MHz), 41 (2500MHz)
- CDMA bands BC0, BC1, and BC10

#### Protocols

- IP forwarding
- Static routing
- DNS
- Dynamic DNS
- DHCP server
- DHCP relay
- SNTP
- Firewall
- NAT (NAT port forwarding and NAT ALGs)
- UPnP IGD and PnP-X
- VPN Pass-Through
- IP quality of service (QoS)
- IPv6

#### Physical Interfaces

- LAN: 4 gigabit (10/100/1000 mbps) LAN ports
- WAN: 1 fast (10/100 mbps) Ethernet WAN port with power over ethernet support
- 2 SMA connectors for external WAN antennas
- 1 3FF SIM card slot

- 12V DC barrel jack for power
- Type A USB connector
- 1 snap-on vertical stand

#### Security

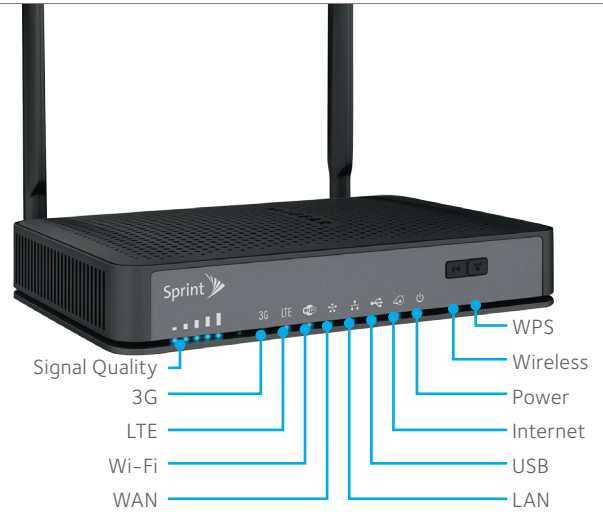
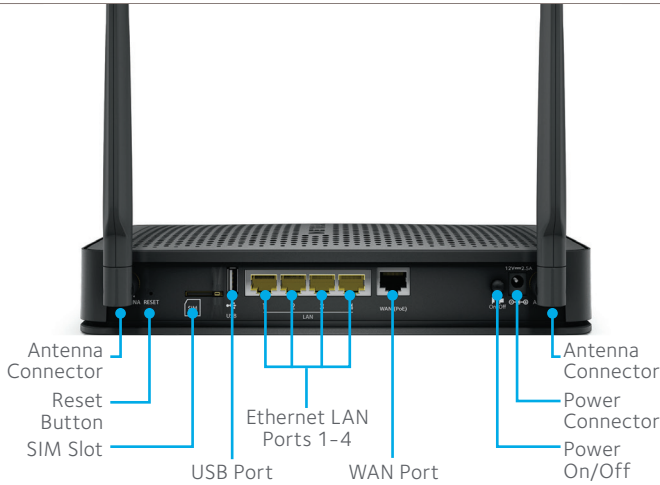
- Firewall: stateful packet inspection (SPI)
- Intrusion logging and reporting, denial of service (DoS) and DDoS protection
- NAT traversal (VPN pass-through) for IPSec, PPTP and L2TP VPNs
- Mode for operation: port and network address translation (PAT/NAT), static routing
- IP address assignment: static IP address assignment, internal DHCP server on LAN, DHCP client on WAN
- Block sites and block services

#### Antennas

- 2 external SMA connectors for external WAN antennas
- Internal 2x2 MIMO antennas 2.4 GHz
- Internal 2x2 MIMO antennas 5 GHz

#### Functions

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



## Technical Specifications

### Physical Specifications

- Dimensions: 6.5" x 9.5" x 1.8" (without antenna)
- Weight: 23.4 oz without antenna, 25.9 oz with antenna

### Power Adapter

- 12V DC, 2.5 A

### Environmental Specifications

- Operating temperature: 0° to 60° C

### Package Contents

- NETGEAR LTE Gateway 6100D
- Power adapter
- Ethernet cable
- 2 antennas
- Snap-on vertical stand

### Network Management

- UPnP
- Remote web management
- Smart setup wizard
- Traffic monitoring
- 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

### Compliances

- Wi-Fi Alliance, FCC15, RoHS, USB-IF

### 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 push button

### LEDs

- Signal quality
- 2.4 GHz/5 GHz
- 4G/3G
- LTE
- Wi-Fi

- WAN
- LAN
- USB
- Internet
- Power
- Wireless
- WPS

### Web UI

