



FiOS Quantum Gateway™

Model FiOS-G1100



Feature Highlights

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|-------------------------|---|
| AC1750 WiFi | Next-generation gigabit WiFi at up to 3x faster than conventional wireless-N |
| Dual Core Processor | For faster wireless and wired performance |
| Gigabit Wired Ethernet | Maximum speed for video and gaming |
| Fantastic Range | WiFi coverage throughout even large homes |
| Sleek Design | Looks great in any room, takes up minimal desk or shelf space |
| Integrated Antennas | No clumsy external antennas. Fully optimized for maximum range for both transmission and reception |
| Beamforming | Advanced technology optimizes the wireless signal strength between your gateway and connected devices for better wireless range |
| Dual Band 2.4 and 5 GHz | Double the bandwidth for maximize wireless throughput |
| MoCA 2.0 | More than doubles the throughput of data over coax. |
| Quick and Easy Setup | No CD or special software required |

Key Features

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| Support for multiple networking standards, including: | WAN - Gigabit Ethernet and MoCA 2.0 interfaces |
| | LAN - 802.11 b/g/n/ac, Gigabit Ethernet and MoCA 2.0 interfaces |
| Integrated wired networking with 4-port Ethernet switch and MoCA | Ethernet supports speeds up to 1000 Mbps |
| | MoCA 2.0 and 1.1 enabled to support speeds up to 700 Mbps over coaxial cable |
| Integrated wireless networking with 802.11b/g/n/ac access point featuring: | 802.11b enabled to support speeds up to 11 Mbps wirelessly |
| | 802.11g enabled to support speeds up to 54 Mbps wirelessly |
| | 802.11n enabled to support speeds up to 450 Mbps wirelessly |
| | 802.11ac enabled to support speeds up to 1300 Mbps wirelessly |
| Enterprise-level security including: | Fully customizable firewall with Stateful Packet Inspection (SPI) |
| | Content filtering with URL-keyword based filtering, parental control, and customizable filtering policies per computer |
| | Intrusion detection with Denial of Service protection against IP spoofing attacks, scanning attacks, IP fragment overlap exploit, ping of death, and fragmentation attacks |
| | Advanced wireless protection featuring WPA2/WPA Mixed Mode and MAC address filtering |
| | MAC address filtering |
| | Port mapping |
| | Security logging of multiple event types |
| | Access control |
| Advanced features: | DHCP server |
| | WAN interface auto-detection |
| | DNS server |

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| Coax Interface | LAN H/W | Broadcom BCM6803/BCM4350 |
| | LAN Driver | 2.10.2 |
| | WAN H/W | Broadcom BCM6803/BCM4350 |
| | WAN Driver | Remote management and secured remote management using HTTPS |
| Coax Diplexer | H/W | WNC FLTM402 |
| WiFi | 2.4 GHz | 3x3 802.11 b/g/n |
| | H/W | Broadcom BCM4331 |
| | Driver | 6.37.14.48 |
| | 5 GHz | 3x3 802.11 a/n/ac |
| | H/W | Broadcom BCM4360 |
| | Driver | 6.37.14.48 |
| Z-Wave | H/W Driver | Sigma SD3502 |
| ARP Table | Aging Time | N/A |
| NAT Table | Limit | N/A |
| | TCP Timeout | N/A |
| | UDP Timeout | N/A |
| DHCP Server | Lease Time | N/A |
| 3rd Party Software | Middleware | N/A |
| | Kernel | N/A |
| | System Shell | N/A |
| | Boot Loader | N/A |

Dimensions and Weight

FiOS Quantum Gateway (unit only)

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|--------|--|
| Size | 1.870" width x 10" height x 7.4" depth |
| Weight | 1.56 lbs / 0.71 kg |

Complete System (inc. packaging)

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| Size | 9.88" / 251 mm width x 3.90" / 99 mm height x 9.57" / 243 mm depth |
| Weight | 2.63 lbs / 1.19 kg |

Environmental Parameters

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|------------------------------|-----------------------------------|
| Power | External, 12V DC, 3.0A |
| Certifications | FCC Part 15, UL 60950-1 |
| Operating Temperature | 10° C to 40° C (50° F to 104° F) |
| Storage Temperature | -20° C to 85° C (-4° F to 185° F) |
| Operating Humidity | 8% to 95% (non-condensing) |
| Storage Humidity | 5% to 100% (non-condensing) |

Taking on the big challenges. That's Powerful.