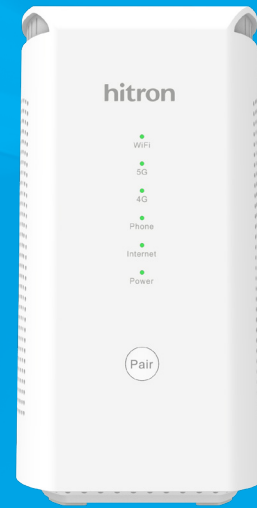




5G Cellular Router

with WiFi 6 & Voice

D60 5G



Hitron's D60 offers ultimate flexibility to deliver high-speed 5G connectivity, WiFi 6 performance, Mesh capabilities, voice port and wired connectivity through a Gigabit WAN port. 4x4 MU-MIMO radios deliver up to 5.4 Gigabit WiFi speeds for greater coverage and more devices to meet everyone's application bandwidth demands today and tomorrow.

Your Internet, Anywhere*

The Hitron D60 5G Router delivers fast, reliable Internet access wherever life takes you. Whether at home, on the road, or in a remote location, the D60 keeps you connected with ease. Simply insert a 5G SIM card from your preferred carrier (sold separately) to create your own high-speed network anywhere there's cellular coverage—or use it as a dependable backup when your primary Internet goes down.

Cellular Fail-over Capability + WAN port

Unique cellular fail-over acts as a safeguard for uninterrupted connectivity for both residential and SOHO users. The Gigabit WAN port provides flexibility for a lightning-fast wired connection when needed.

Key Features

- Configurable as a Cellular Gateway or WiFi Router
- Supports 4G and 5G Fixed Wireless
- Dual SIM (Physical and eSIM)
- Dual-band WiFi 6: 4x4 5GHz (802.11ax) – 2x2 4GHz (802.11ax)
- Ideal Failover Solution for Existing BB Solution
- PTCRB Certified
- Certified to work with T-Mobile, AT&T, US Cellular

Interfaces

- 1x Nano SIM Card Slot
- 1x RJ-45 10/100/1000BASE-T Ethernet WAN Port
- 3x RJ-45 10/100/1000BASE-T Ethernet LAN Ports
- 1x USB Type 2.0 Port
- 1x RJ-11 Voice Port
- 2x TS-9 Extended Antenna Ports

5G NR/LTE Antennas

- Internal: 4*4 5G/LTE Antennas
- LB: 2dBi
- MHB: 4dBi
- External TS9 Port
- 5G Sub 6: n2, n5, n7, n12, n13, n14, n25, n26, n29, n30, n38, n41, n48, n66, n70, n71, n77, n78, n79
- 4G LTE: B2, B4, B5, B7, B12, B13, B14, B17, B25, B26, B29, B30, B38, B41, B42, B43, B48, B66, B71
- NSA Data Rate: Up to 3.4 Gbps (DL)/550 Mbps (UL)
- SA Data Rate: Up to 2.4 Gbps (DL)/900 Mbps (UL)
- LTE Data Rate - Cat19: Up to 1.6 Gbps (DL)
- LTE Data Rate - Cat18: Up to 200 Mbps (UL)

Wi-Fi

Wi-Fi Characteristics

- 802.11a/b/g/n/ac/ax
- 2T2R 2.4GHz 11ax and 4T4R 5GHz 11ax Dual Band Concurrent MU-MIMO with 1.2Gbps + 4.8Gbps PHY Rate
- 20/40/80/160MHz Channel Bandwidth
- High Power Design for Multi-radio Co-location
- Supports Standard 5GHz UNII Bands

Wi-Fi Features

- Band Steering (BS)
- QCA SON/Easymesh*
- Guest WiFi
- Dynamic Frequency Selection (DFS)
- Wi-Fi Output Power Range: Max permitted by FCC/IC

Wi-Fi Security

- WPA-PSK
- WPA2-PSK (TKIP/AES)
- WPA3-SAE
- 802.1x

Routing Support

- DHCP, TFTP and ToD clients (IPv4/IPv6)
- DHCP Server supports RFC 1541 (IPv4)
- DHCPv6 obtains Prefix from DHCPv6 Server through Prefix Delegation
- Application Content Filtering (IPv4/IPv6)
- Industry-standard Firewall
- Complete NAT Software Implemented as per RFC 1631 with Port and Address Mapping (IPv4)
- Static Routing

Management

- Protocol Support: TR-069
- Web-based GUI Control, Configuration and Management

Mechanical

- 6 LEDs: Wi-Fi, 5G, 4G, Phone, Internet, Power
- Factory Default Reset Button
- Power On/Off Button
- Pair Button
- Dimensions: 114mm (H) x 97.71mm (W) x 187.16mm (D)
- Net Weight: 750 +/- 10g

Electrical

- Input Power: 12VDC, 2.0A
- Power Adaptor: 100-240VAC, 50/60Hz
- Power Consumption: 6.2W (Power Saving), 16.5W (Typ.), 22.04W (Max)
- Surge Protection
 - RF Input sustains at least 1.5KV (Inner Antenna)
 - Ethernet RJ-45 sustains at least 1.5KV

Environmental

- Operating Temperature: -10°C (-10°F) ~ 45°C (113°F)
- Operating Humidity: 5% ~ 95% (Non-condensing)
- Storage Temperature: -40°C (-40°F) ~ 70°C (158°F)

