



DOCSIS 3.0

High Speed Cable Modem

TC-7620



CableLabs Certified[®] and works with XFINITY from Comcast, Time Warner Cable, Cablevision and more.

Highlights

- 680 Mbps for Downstream – Download speeds up to 680Mbps and upload speeds up to 143Mbps for a fast, responsive Internet connection
- 16 x Faster Downloads – DOCSIS 3.0 technology delivers speeds 16x faster than DOCSIS 2.0
- Gigabit Port – Gigabit Ethernet port ensures ultra-high wired performance
- IPV6 – Support IPv4 and IPv6 simultaneously
- Easy Setup – Quick, hassle-free installation
- Eliminate Monthly Rental Fees – Save money by returning your Internet service provider's rental modem
- Compatible with major cable ISPs – XFINITY from Comcast, Time Warner Cable and more



DOCSIS 3.0
680Mbps



Gigabit
Port



Easy
Setup

Features



Speed

- **680 Mbps for Downstream** – Download speeds up to 680Mbps and upload speeds up to 143Mbps for a fast, responsive Internet connection
- **16 x Faster Downloads** – DOCSIS 3.0 technology delivers speeds 16x faster than DOCSIS 2.0



Efficiency

- **Eliminate Monthly Rental Fees** – Save money by returning your Internet service provider's rental modem
- **Compatible with major cable ISPs** – XFINITY from Comcast, Time Warner Cable and more
- **Compatibility** – Backwards-compatible with existing DOCSIS 1.0, 1.1, and 2.0 systems



Reliability

- **Gigabit Port** – Gigabit Ethernet port ensures ultra-high wired performance
- **IPV6** – Support IPv4 and IPv6 simultaneously



Ease of Use

- **Easy Setup** – Quick, hassle-free installation
- **Well-defined LEDs** – Clearly display device and network status



Security

- **Security** – Supports BPI/BPI+/SEC

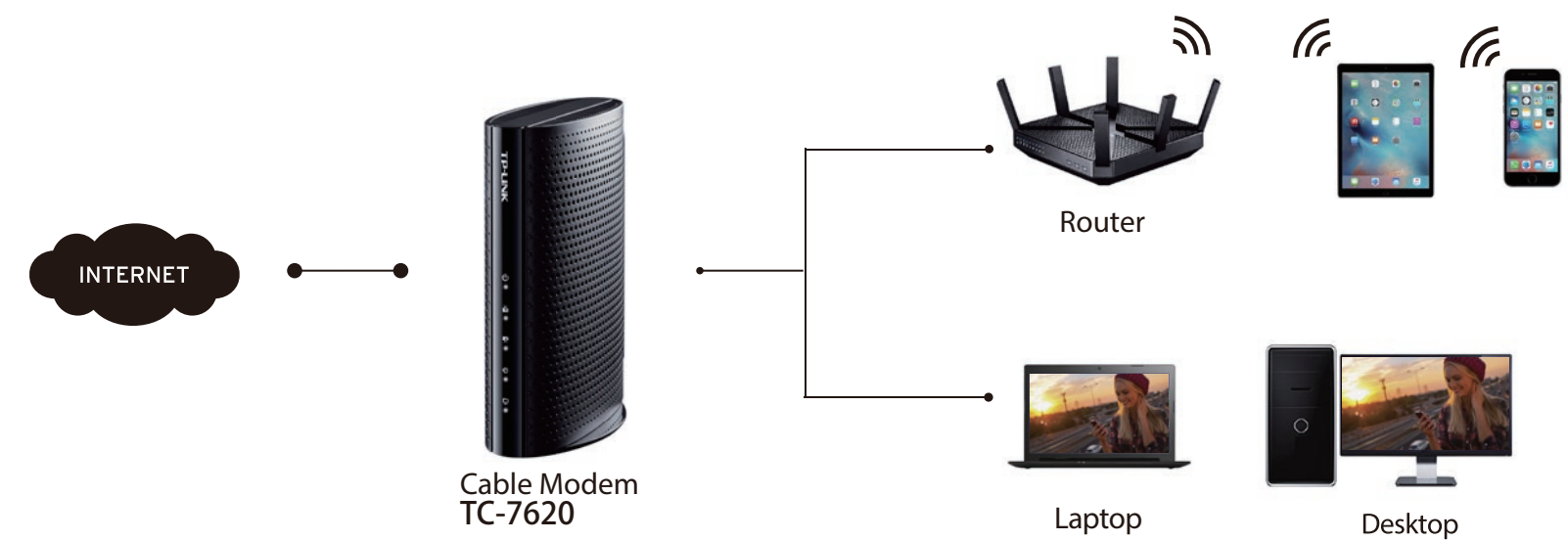
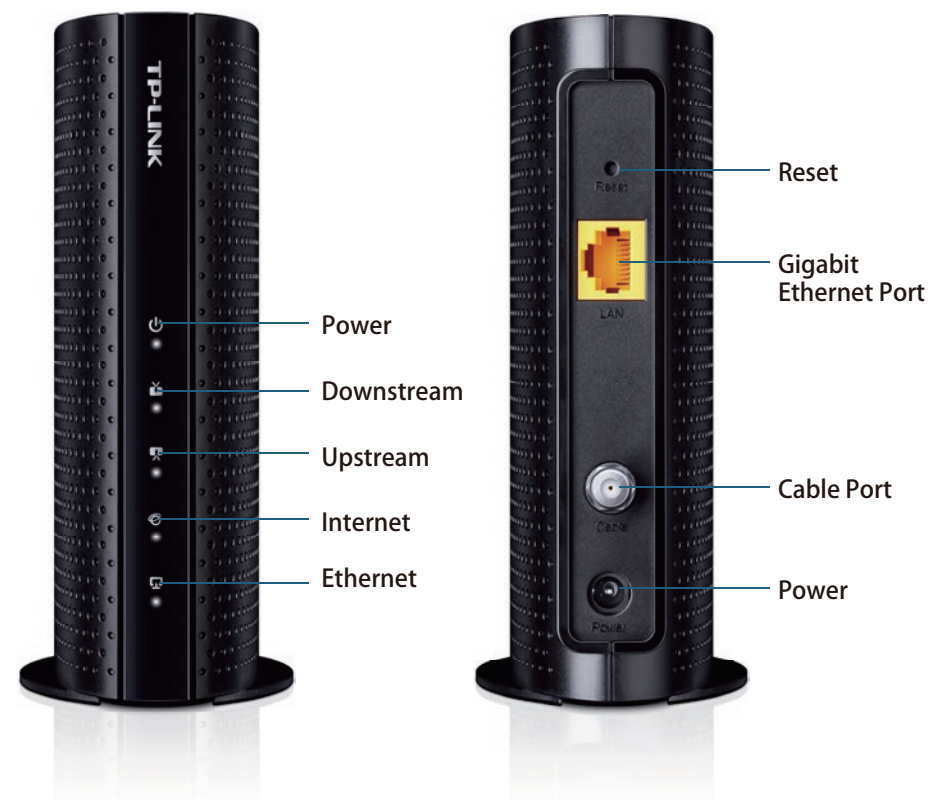
Specifications

Downstream

- Channel Bonding: Up to 16
- Channel Width: 96 MHz(16 channels) / 6MHz (single channel)
- Modulation: 64 QAM / 256 QAM
- Symbol Rate: 5.057 Msym/s (64 QAM) / 5.361 Msym/s(256 QAM)
- Maximum Data Rate: Up to 680 Mbps
- Frequency Range: 88 to 1002 MHz (edge to edge)

Upstream

- Channel Bonding: Up to 4
- Channel Width: 200KHz / 400KHz / 800KHz / 1.6MHz / 3.2MHz / 6.4MHz
- Modulation: QPSK, 8/ 16/ 32/ 64/ 128 QAM
- Symbol Rate: 160 / 320 / 640 / 1280 / 2560 / 5120 Ksym/s
- Maximum Data Rate: Up to 143Mbps
- Frequency Range: 5 to 42MHz (edge to edge)



Specifications

Advanced Features

- **IP Stack:** Supports IPv4 and IPv6 dual stack
- **DHCP:** DHCP Client
- **VPN Passthrough:** PPTP, L2TP, IPSec
- **Multicast:** Support IGMP v1/v2/v3
- **Management and Maintenance:** Managed by Web, and SNMP, and TFTP
Reset to Factory default by Reset button
System Log

Others

- **Operation System:** Windows 8/Windows 7/ Windows Vista™, Service Pack 1 or later/
Windows®XP, Service Pack 2 or later/ Mac®10.4 or later (Ethernet connection only)
UNIX®Linux®
- **Certification:** FCC, UL, CableLabs certified, RoHS compliant
- **Protocols and Standards:**
 - IEEE Standards: IEEE802.3, 802.3u, 802.3ab, 802.1p, 802.1q
 - Others: TCP/IP, DHCP, ICMP, IGMP, SNMP,TFTP,ARP,ToD
- **Power Supply:** 12VDC/1A
- **Environment:**
 - Operating Temperature: 0 °C ~40 °C (32 °F ~104 °F)
 - Storage Temperature: -30 °C ~70 °C (-22 °F ~158 °F)
 - Operating Humidity: 5%~95% non-condensing
 - Storage Humidity: 5%~95% non-condensing
- **Package Contents:** TC-7620, Ethernet Cable, Power Adapter, Quick Installation Guide, Information Card, Technical Support

Others

Ideal to use with



- AC2600 Wireless Dual Band Gigabit Router Archer C2600



- AC3200 Wireless Tri-Band Gigabit Router Archer C3200

Similar Products



- DOCSIS 3.0 Cable Modem TC-7610



- AC1750 Wireless Dual Band DOCSIS 3.0 Cable Modem Router Archer CR700



For more information, please visit

http://www.tp-link.com/en/products/details/cat-16_TC-7620.html

or scan the QR code left

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