TP-LINK®

CableLabs Certified® and works with XFINITY from Comcast, Time Warner Cable and CableVision.

DOCSIS 3.0 Cable Modem
TC-7610

⦿ Features：

- CableLabs®Certified DOCSIS 3.0 backwards compatible to DOCSIS 1.0, 1.1 and 2.0 provides users comprehensive network compatibility
- Channel bonding of up to 8 downstream channels and 4 upstream channels provide data rates up to 343 Mbps for downstream, and 143 Mbps for upstream
- IPv4 and IPv6 dual stack
- Gigabit port ensures ultimate fast transfer speeds
- Well-defined LEDs clearly display device and network status
- Quick and hassle free installation
- Eliminate monthly rental fees
- Compatible with cable ISPs: XFINITY®, Time Warner Cable, Cablevision

⦿ Description：

TP-LINK's DOCSIS 3.0 Cable Modem TC-7610 is designed to deliver ultra-high speed data through the ISP networks. It's an incredibly robust device allowing users to access Internet with up to 343 Mbps downstream data rates, 143 Mbps upstream data rates and share it with a Gigabit Ethernet port.
The DOCSIS 3.0 Cable Modem TC-7610 includes new key technology features to deliver enhanced performance such as: channel bonding of 8 downstream channels and 4 upstream channels, and the advanced DOCSIS 3.0 security protection combined with the latest Internet address protocol IPv6.
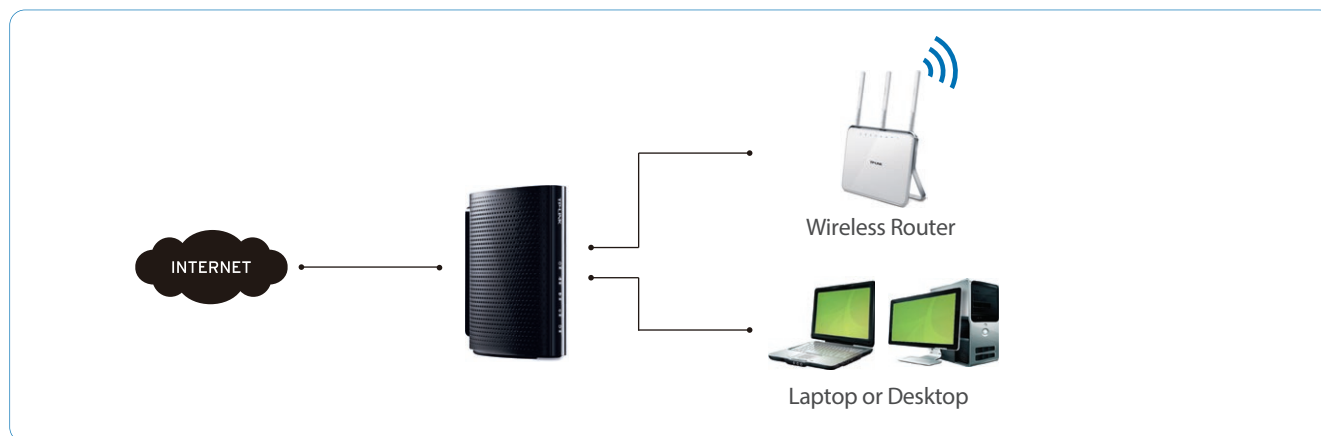
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Specifications：

PHYSICAL SPECIFICATIONS	
Interface	1 F-Connector (female 75 Ω)
	1 10/100/1000 Mbps Ethernet Interface (RJ45)
	1 Power Jack
Button	1 Reset Button
Dimensions	5.6 x 4.5 x 2.3 in. (141.5 x 115.5 x 57.9 mm)
DOWNSTREAM	
Channel Bonding	Up to 8
Channel Width	48 MHz(8 channels) / 6 MHz (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 343 Mbps
Frequency Range	108 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)
NETWORK FUNCTION	
IP Stack	Supports IPv4 and IPv6 dual stack
DHCP	DHCP Client
VPN Passthrough	PPTP, L2TP, IPSec
Muticast	Support IGMP v1/v2/v3
MANAGEMENT AND MAINTENANCE	
Reset to Factory default by Reset button	
Real-time statistics	
System Log	

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◉ Specifications：

OTHERS	
Operating 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®
Certifications	FCC, UL
	Cablelabs
	RoHS
Protocol Support	Network: IP, ICMP, ARP Transport: TCP, UDP Application: SNMP (v1, 2c and 3), TFTP,DHCP, ToD
Power Supply	12VDC/1A
Environment	Operating Temperature: 0℃~40℃ (32°F~104°F) Storage Temperature: -40℃~70℃ (-40°F~158°F) Operating Humidity: 10%~90% Non Condensing Storage Humidity: 5%~90% Non Condensing
Package Contents	TC-7610 Ethernet Cable Power Adapter Quick Installation Guide

◉ Diagram:

INTERNET

Wireless Router

Laptop or Desktop

◉ Related Products:

- AC1900 Wireless Dual Band Gigabit Router

  Archer C9

- AC1750 Wireless Dual Band DOCSIS 3.0 Cable Modem Router

  Archer CR700

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