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The Reliable Choice

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TP-LINK®
The Reliable Choice

Home and Office Networking
Product Guide **2011**



Surveillance
Around the Room, Around the Clock.

Wireless Pan/Tilt Surveillance Camera
TL-SC4171G
The Best of CES 2011 ---PC World

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April 2011

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TL-WR1043ND


TL-WA901ND


TL-WN7200ND



TL-MR3420



TD-W8960N

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TL-PA251



TL-WPS510U



TL-SC4171G



TL-R470T+



TL-SG1005D


TL-POE10R / TL-POE150S


TG-3269

Wireless

Simultaneously
Stream HD Videos,
Play Online Games, and
Download large media files

300Mbps Wireless N Gigabit Router
TL-WR1043ND

300Mbps Wireless N Gigabit Router



300Mbps Wireless N Gigabit Router
TL-WR1043ND

- Wireless N speed up to 300Mbps
- Gigabit Ethernet ports deliver ultra fast wireless and wired network connections
- USB 2.0 port convenient for file sharing via an external USB storage device
- Three antennas dramatically increase link robustness and stability
- Easy wireless security encryption at a push of the QSS button
- Neighbor Friendly function ensures more stable signal while automatically avoiding channel conflicts
- WDS wireless bridge provides seamless bridging to expand the wireless network
- Bandwidth Control allows administrators to determine how much bandwidth is allotted to each PC
- Live Parental Controls allow parents or administrators to establish restricted access policies for children or staff
- IP and MAC binding effectively prevents ARP virus attacks

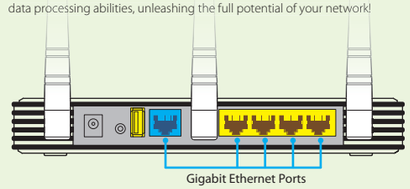
Specifications

- Complies with IEEE 802.11n/g/b, IEEE 802.3/3u
- 1 Gigabit WAN Port, 4 Gigabit LAN Ports, supports Auto-negotiation and Auto MDI/MDIX
- Supports PPPoE, Dynamic IP, Static IP, PPTP, L2TP Cable Internet access
- Supports Auto Dial, On-demand Dial, Regular Dial requirements
- Supports UPnP, Dynamic DNS, Static Routing, Flow Statistics, VPN Pass-through
- Supports Virtual Server, Special Application, and DMZ Host
- Supports WEP, WPA/WPA2, WPA-PSK/WPA2-PSK encryptions
- Built-in Firewall supports IP address filtering, domain name filtering, and MAC address filtering for a flexible time to surf the network
- Built-in DHCP server supports automatic and dynamical IP address distributing

Overview

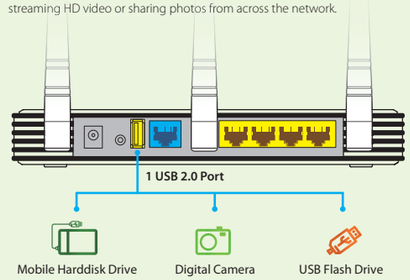
1 Gigabit Ports - Incredible Bandwidth

With built-in four-port Gigabit Ethernet switch, TL-WR1043ND provides powerful data processing abilities, unleashing the full potential of your network!



2 USB Storage Port - Portable Server

This function lets users attach USB Storage directly to the router, allowing any network connected users to instantly access the data on the disk such as streaming HD video or sharing photos from across the network.



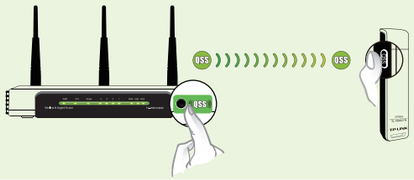
3 Bandwidth Intensive Applications

The router has the speed to work smoothly with almost any bandwidth intensive application including VoIP, HD streaming, or online gaming, without the lag.



4 Quick Secure Setup – QSS

Compatible with Wi-Fi Protected Setup™ (WPS), TL-WR1043ND features Quick Security Setup that allows users to almost instantly setup their security simply by pressing the "QSS" button on the router.



300Mbps Wireless N Routers



300Mbps Wireless N Router
TL-WR941ND / TL-WR940N

- Wireless N speed up to 300Mbps
- Easy wireless security encryption at a push of the QSS button
- WDS wireless bridge provides seamless bridging to expand the wireless network
- IP based Bandwidth Control allows administrators to determine how much bandwidth is allotted to each PC
- Live Parental Controls allow parents or administrators to establish restricted access policies for children or staff
- Neighbor Friendly function ensures more stable signal while automatically avoiding channel conflicts
- IP and MAC Binding effectively prevents ARP virus attacks
- External detachable antennas allow for better alignment and stronger antenna upgrades (for TL-WR941ND only)

Specifications

- Complies with IEEE 802.11n/g/b, IEEE 802.3/3u
- 1 10/100Mbps WAN Port, 4 10/100Mbps LAN Ports, support Auto-negotiation and Auto MDI/MDIX
- Supports PPPoE, Dynamic IP, Static IP, PPTP, L2TP Cable Internet access
- Supports Auto Dial, On-Demand Dial, Regular Dial requirements
- Supports UPnP, Dynamic DNS, Static Routing, Flow Statistics, VPN Pass-through
- Supports Virtual Server, Special Application, and DMZ Host
- Supports WEP, WPA/WPA2, WPA-PSK/WPA2-PSK encryptions
- Built-in firewall supports IP address Filtering, Domain Name Filtering, and MAC Address Filtering for a flexible time to surf the network
- Built-in DHCP server supports automatic and dynamical IP address distribution

300Mbps Wireless N Router
TL-WR841ND / TL-WR841N



- Wireless N speed up to 300Mbps
- Easy wireless security encryption at a push of the QSS button
- WDS wireless bridge provides seamless bridging to expand the wireless network
- IP based Bandwidth Control allows administrators to determine how much bandwidth is allotted to each PC
- Live Parental Controls allow parents or administrators to establish restricted access policies for children or staff
- Neighbor Friendly function ensures more stable signal while automatically avoiding channel conflicts
- IP and MAC Binding effectively prevents ARP virus attacks
- External detachable antennas allow for better alignment and stronger antenna upgrades (for TL-WR841ND only)

Specifications

- Complies with IEEE 802.11n/g/b, IEEE 802.3/3u
- 1 10/100Mbps WAN Port, 4 10/100Mbps LAN Ports, support Auto-negotiation and Auto MDI/MDIX
- Supports PPPoE, Dynamic IP, Static IP, PPTP, L2TP Cable Internet access
- Supports Auto Dial, On-Demand Dial, Regular Dial requirements
- Supports UPnP, Dynamic DNS, Static Routing, Flow Statistics, VPN Pass-through
- Supports Virtual Server, Special Application, and DMZ Host
- Supports WEP, WPA/WPA2, WPA-PSK/WPA2-PSK encryptions
- Built-in firewall supports IP Address Filtering, Domain Name Filtering, and MAC Address Filtering for a flexible time to surf the network
- Built-in DHCP server supports automatic and dynamical IP address distribution



Fresh NEW Design

300Mbps Wireless N Router
TL-WR841ND/TL-WR841N



150Mbps Wireless N Router
TL-WR741ND / TL-WR740N

150Mbps Wireless N Routers

150Mbps Wireless N Router
TL-WR741ND / TL-WR740N

- 150Mbps Wireless Speed--great for video streaming and online gaming
- Easy wireless security encryption at a push of the QSS button
- WDS Wireless Bridge provides seamless bridging to expand the wireless network
- IP based Bandwidth Control allows administrators to determine how much bandwidth is allotted to each PC
- Live Parental Controls allow parents or administrators to establish restricted access policies for children or staff
- IP and MAC Binding effectively prevents ARP attacks
- Go Wireless in Minutes with Easy Setup Assistant
- Neighbor Friendly function ensures more stable signal while automatically avoiding channel conflicts

Specifications

- Compatible with IEEE802.11n/g/b, IEEE802.3/3u
- 1 10/100Mbps WAN Port, 4 10/100Mbps LAN Ports, support Auto-negotiation and Auto MDI/MDIX
- IP and MAC binding, prevents ARP virus attacks effectively
- External detachable antenna allows for better alignment and stronger antenna upgrades (for TL-WR741ND only)
- Supports PPPoE, Dynamic IP, Static IP, PPTP, L2TP Cable Internet access
- Supports Auto Dial, Demand Dial, Regular Dial requirements
- Supports UPnP, Dynamic DNS, Static Routing, Flow Statistics, VPN Pass-through
- Supports Virtual Server, Special Application, and DMZ Host
- Supports WEP, WPA/WPA2, WPA-PSK/WPA2-PSK encryption
- Built-in firewall supports IP Address Filtering, Domain Name Filtering and MAC Address Filtering for access control management
- Built-in DHCP server supports automatic and dynamic IP address distribution
- Supports configuration files export and import

54Mbps Wireless G Routers



54Mbps Wireless Router
TL-WR340G / TL-WR340GD

- Wireless G speed up to 54Mbps
- WDS wireless bridges provide seamless bridging to expand the wireless network
- Supports WEP, WPA/WPA2, WPA-PSK/WPA2-PSK encryptions
- IP and MAC Binding effectively prevents ARP virus attacks
- External detachable antenna allows for better alignment and stronger antenna upgrades (for TL-WR340GD only)

Specifications

- Complies with IEEE 802.11g/b, IEEE 802.3/3u
- 1 10/100Mbps WAN Port, 4 10/100Mbps LAN Ports, support Auto-negotiation and Auto MDI/MDIX
- Built-in DHCP server supports static IP address distribution
- Supports UPnP, Dynamic DNS, Static Routing and Flow Statistics
- Supports VPN Pass-through, Virtual Server and DMZ Host
- Built-in firewall supports IP Address Filtering, Domain Name Filtering and MAC Address Filtering for access control management
- Denial-of-service (DoS) attack prevention, auto virus isolation
- On-Demand Dial and Timing On/Off internet access

Wireless AP/Client Routers (WISP CPEs)



Share a High-Speed WISP Connection

Simultaneous WISP and Wireless Sharing

With its default AP Client mode, the TL-WR743ND can support a high-speed WISP connection. At the same time, local computers on the network can connect to the TL-WR743ND via wireless connections or using Ethernet cables, giving users the advantage of a combined conventional WISP router and a regular access point!

150Mbps Wireless AP / Client Router
TL-WR743ND

150Mbps Wireless AP/Client Router



TL-WR743ND

- Wireless speed up to 150Mbps
- WISP Internet connection provides local network sharing wirelessly or via cables
- Wireless security encryption easily at a push of the QSS button
- WDS wireless bridge provides seamless bridge to expand wireless network
- IP based Bandwidth Control allows administrators to determine how much bandwidth is allotted to each PC
- Live Parental Controls allow parents or administrators to establish restricted access policies for children or staff
- IP and MAC binding effectively prevents ARP attacks

Specifications »

- Compatible with IEEE802.11n/g/b, IEEE802.3/3u
- 1 10/100Mbps WAN Port, 4 10/100Mbps LAN Ports, supports Auto-negotiation and Auto MDI/MDIX
- Supports AP Client Router and AP Router Modes
- Supports PPPoE, Dynamic IP, Static IP, PPTP, L2TP Cable Internet access
- Supports Auto Dial, Demand Dial, Regular Dial requirements
- Supports Virtual Server, Special Application, and DMZ Host
- Supports WEP, WPA/WPA2, WPA-PSK/WPA2-PSK encryption
- Built-in firewall supports IP Address Filtering, Domain Name Filtering, and MAC Address Filtering for access control management
- Built-in DHCP server supports automatic and dynamical IP address Distribution



54Mbps Wireless AP/Client Router

TL-WR543G

- Wireless G speed up to 54Mbps
- AP Client Router and AP Router operation mode convenient for Internet access via a WISP or ADSL/Cable modem
- WDS wireless bridge provides seamless bridging to expand the wireless network
- Live Parental Controls allow parents or administrators to establish restricted access policies for children or staff
- IP and MAC binding effectively prevent ARP virus attacks
- Supports WEP, WPA/WPA2, WPA-PSK/WPA2-PSK encryption

Specifications »

- Complies with IEEE 802.11g/b, IEEE 802.3/3u
- 1 10/100Mbps WAN Port, 4 10/100Mbps LAN Ports, supports the Auto-negotiation and auto MDI/MDIX
- Built-in DHCP server supporting static IP address distribution
- Supports AP Client Router and AP Router Modes
- Supports UPnP, Dynamic DNS, Static Routing, Flow Statistics
- Supports VPN Pass-through, Virtual Server and DMZ host
- Built-in firewall supports IP address filtering, Domain Name filtering, and MAC address filtering for access control management
- Denial-of-service (DoS) attack prevention, auto virus isolation
- On-Demand Dial and timing on/off internet access

Find the Best Router for You

	300Mbps Wireless N			150Mbps Wireless N		54Mbps Wireless G	
	Fastest downloads and high performance Online gaming	Faster Speed and further range: Ideal for faster downloads and Online Gaming		Enhanced speed/range, Multiple users & applications compared with 11G		Basic wireless sharing Share your Internet connection	
	 TL-WR1043ND	 TL-WR941ND / TL-WR940N	 TL-WR841ND / TL-WR841N	 TL-WR743ND	 TL-WR741ND / TL-WR740N	 TL-WR543G	 TL-WR340G / TL-WR340GD
SPEED	300Mbps + Gigabit Ethernet	300Mbps	300Mbps	150Mbps	150Mbps	54Mbps	54Mbps
WEB SURFING	√	√	√	√	√	√	√
EMAIL	√	√	√	√	√	√	√
LARGER HOMES AND MULTIPLE ROOMS							
ONLINE CHAT (MSN, SKYPE)	√	√	√	√	√	√	√
WIRELESS PRINTING	√	√	√	√	√	√	√
MUSIC/AUDIO STREAMING	√	√	√	√	√		
INTERNET PHONE CALLS	Best	Best	Better	Good	Good		
VIDEO STREAMING (Youtube, JTV)	Best	Best	Better	Good	Good		
HOME MONITORING	Best	Better	Good	Good	Good		
ONLINE VIDEO CHAT	Best	Better	Good	Good	Good		
ONLINE GAMING	Best	Better	Good	Good	Good		
WISP				√		√	
LARGE FILE DOWNLOADS/SHARING	√	√	√				
HD VIDEO STREAMING	Best	Better	Good				
SIMULTANEOUS DOWNLOAD, VOICE, HD VIDEO STREAMING	√	√	√				
LOCAL NETWORKED STORAGE AND LARGE FILE SHARING	√						
HIGH PERFORMANCE LAG-FREE MUTIPLAYER	√						

Wireless Access Points

300Mbps Wireless N Access Points



300Mbps Wireless N Access Point
TL-WA901ND

- Complies with IEEE 802.11n/g/b, IEEE 802.3/3u, Wireless N speed up to 300Mbps
- 1 10/100Mbps Auto-negotiation Ethernet port
- Supports AP, AP Client, Multi-SSID, Bridge, Multi-Bridge, Repeater operation modes
- Easy wireless security encryption at a push of the QSS button
- Supports Passive Power over Ethernet capability for flexible performance
- Supports WEP, WPA/WPA2, WPA-PSK/WPA2-PSK encryptions
- Supports Wi-Fi Multimedia (WMM) assuring the quality of VoIP and multimedia streaming
- 3T3R MIMO™ technology provides robust high-bandwidth wireless Tx/Rx capability at further range
- 4dBi detachable antennas allow for stronger antenna upgrades



300Mbps Wireless N Access Point
TL-WA801ND

- Complies with IEEE 802.11n/g/b, IEEE 802.3/3u, Wireless N speed up to 300Mbps
- 1 10/100Mbps Auto-negotiation Ethernet port
- Supports AP, AP Client, Multi-SSID, Bridge, Multi-Bridge, Repeater operation modes
- Easy wireless security encryption at a push of the QSS button
- Supports Passive Power over Ethernet capability for flexible performance
- Supports WEP, WPA/WPA2, WPA-PSK/WPA2-PSK encryptions
- Supports Wi-Fi Multimedia (WMM) assuring the quality of VoIP and multimedia streaming
- 2T2R MIMO™ technology provides robust high-bandwidth wireless Tx/Rx capability at further range
- 4dBi detachable antennas allow for stronger antenna upgrades

150Mbps Wireless N Access Point



150Mbps Wireless N Access Point
TL-WA701ND

- Compatible with IEEE 802.11n/g/b, IEEE 802.3/3u, Wireless N speed up to 150Mbps
- 1 10/100Mbps Auto-negotiation Ethernet port
- Supports AP, AP Client, Multi-SSID, Bridge, Multi-Bridge, Repeater operation modes
- Easy wireless security encryption at a push of the QSS button
- Supports Passive Power over Ethernet capability for flexible performance
- Supports Wi-Fi Multimedia (WMM) assuring the quality of VoIP and multimedia streaming
- Supports WEP, WPA/WPA2, WPA-PSK/WPA2-PSK encryptions
- 4dBi detachable antenna allows for stronger antenna upgrades

54Mbps Wireless G Access Point



54Mbps Wireless Access Point
TL-WA500G

- Complies with IEEE 802.11g/b, IEEE 802.3/3u, Wireless G speed up to 54Mbps
- 1 10/100Mbps Auto-negotiation Ethernet port
- Supports AP, AP Client, Bridge, Multi-Bridge, and Repeater operation modes
- Supports Passive Power over Ethernet capability for flexible performance
- 4dBi detachable antenna allows for stronger antenna upgrades

High Power Wireless Access Point

54Mbps High Power Wireless Access Point

TL-WA5110G

- Complies with IEEE 802.11g/b, IEEE 802.3/3u, Wireless G speed up to 54Mbps
- 1 10/100Mbps auto-negotiation Ethernet port
- High power and high receive sensitivity deliver performance enhancement compared with normal power
- Up to 26dBm (400mw) power for longer distance transmission
- Supports AP Client Router and AP Router modes
- Supports AP, AP Client, Bridge, Multi-Bridge, and Repeater operation modes
- Supports Passive Power over Ethernet capability for flexible performance
- Detachable antenna allows for stronger antenna upgrades



Long Range Wireless Connection



High Power + High Sensitivity = Long Range Wireless Connections

Wireless Signal degradation will happen when traveling long distances, **High Power** means signals can go further and bring higher speeds at the same distance than normal ones; **High Sensitivity** means the AP can receive weaker signals than normal APs. Theses two significantly extend the transmission range to reduce dead spots and to deliver a more stable wireless connection.



2.4GHz High Power Wireless Outdoor CPE
TL-WA5210G

2.4GHz High Power Wireless Outdoor CPE

TL-WA5210G

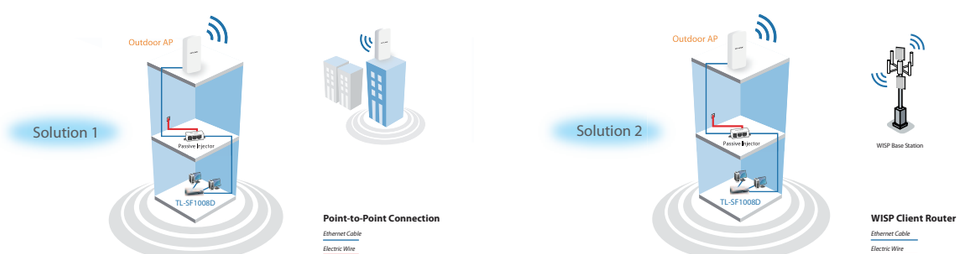


- Wireless speed up to 54Mbps
- Weatherproof enclosure 4KV Lightning Protection, Grounding Terminal integrated and 15KV ESD Protection
- 12dBi dual-polarized antenna, better compatibility with WISP to boost your signal
- Up to 500mw power for longer distance transmission
- Supports AP Router, AP Client Router, AP, AP Client, Bridge, Multi-Bridge, and repeater operation modes
- Provides WEP, WPA/WPA2, WPA-PSK/WPA2-PSK data security
- Provides external RP-SMA connector for higher gain antenna upgrade
- Supports Passive Power over Ethernet capability for flexible performance



Specifications

- Complies with IEEE 802.11b/g
- 1 10/100Mbps Auto-negotiation RJ45 port
- Supports Antenna Alignment
- Provides throughput monitor indicating the current wireless throughput
- Supports Ping Watch Dog
- Supports Wireless Speed Test
- Supports Remote Management



Which is the Right TP-LINK Access Point for you?

	300Mbps Wireless N		150Mbps Wireless N	54Mbps Wireless G		
	 TI-WA901ND	 TI-WA801ND	 TL-WA701ND	 TL-WA500G	 TL-WA5110G	 TL-WA5210G
DESCRIPTION	300Mbps Wireless N Access Point		150Mbps Wireless N Access Point	54Mbps Wireless G Access Point	54Mbps High Power Wireless G Access Point	
WIRELESS RANGE	 400 meters	 350 meters	 200 meters	 150 meters	 1 km	 15 km*
COMPATIBILITY	802.11 n/g/b Compatible with all brands			802.11 g/b Compatible with all brands		
ANTENNA	3 × 4dBi	2 × 4dBi	1 × 4dBi	1 × 4dBi	1 × 4dBi	Dual 12dBi
TRANSMISSION POWER	<100mw	<100mw	<100mw	<100mw	400mw	500mw
WEATHERPROOF ENCLOSURE						√
MIMO	3T3R	2T2R				
WDS	√	√	√	√	√	√
POWER OVER ETHERNET	√	√	√	√	√	√
QSS	√	√	√			
AP	√	√	√	√	√	√
AP CLIENT	√	√	√	√	√	√
BRIDGE	√	√	√	√	√	√
REPEATER (Universal/WDS)	√	√	√	√	√	√
WMM(Wi-Fi Multimedia)	√	√	√	√		
AP CLIENT ROUTER (For WISP Client)					√	√
SECURITY	WEP, WPA, WPA2, WPA-PSK, WPA2-PSK	WEP, WPA, WPA2, WPA-PSK, WPA2-PSK	WEP, WPA, WPA2, WPA-PSK, WPA2-PSK	WEP, WPA, WPA2, WPA-PSK, WPA2-PSK	WEP, WPA, WPA2, WPA-PSK, WPA2-PSK	WEP, WPA, WPA2, WPA-PSK, WPA2-PSK

* For longer distance, high gain directional antenna required

One Button Range Extension
Take your network further





150Mbps Wireless Range Extender
TL-WA730RE

- Wireless N speed up to 150Mbps
- Range Extender mode boosts wireless signal to previously unreachable or
- hard-to-wire areas flawlessly
- Easily expand wireless coverage at a push of the Range Extender button
- Bundled utility provides quick & hassle free connections to routers or AP

Specifications

- Compatible with IEEE802.11n/g/b, IEEE802.3/3u
- 1 10/100Mbps Auto-negotiation Ethernet Port
- Supports Range Extender, AP modes
- Provides throughput monitor indicating the current wireless throughput
- Supports configuration backup/restore and firmware upgrades
- Compatible with other 802.11n/g/b products



LESS

Power Saving
When there is no data transfer, automatically switch from regular "Working" mode to "Standby" mode reducing energy consumption.

USB Adapters

300Mbps Wireless N



300Mbps Wireless N USB Adapter
TL-WN821NC / TL-WN821N

- USB 2.0 connector
- Easy wireless security encryption at a push of the QSS button
- Bundled with a stylish USB Cradle for flexible deployment (for TL-WN821NC only)
- OS: Windows 7 32/64bit,Vista 32/64bit, XP 32/64bit, Windows 2000

150Mbps Wireless N



150Mbps Mini Wireless USB Adapter
TL-WN723N

- USB 2.0 connector
- Easy wireless security encryption at a push of the QSS button
- OS: Windows 7 32/64bit, Vista 32/64bit, XP 32/64bit

150Mbps Wireless N



150Mbps Wireless N USB Adapter
TL-WN721NC / TL-WN721N

- USB 2.0 connector
- Easy wireless security encryption at a push of the QSS button
- Bundled with a stylish USB Cradle for flexible deployment (for TL-WN721NC only)
- OS: Windows 7 32/64bit,Vista 32/64bit, XP 32/64bit, Windows 2000



150Mbps Wireless N USB Adapter
TL-WN727N

- USB 2.0 connector
- Easy wireless security encryption at a push of the QSS button
- Bundled with a stylish USB Cradle for flexible deployment
- OS: Windows 7 32/64bit,Vista 32/64bit, XP 32/64bit, Windows 2000

54Mbps Wireless G



54Mbps Wireless USB Adapter
TL-WN321G

- USB 2.0 connector
- Supports Soft AP
- OS: Windows 7 32/64bit,Vista 32/64bit, XP 32/64bit, Windows 2000

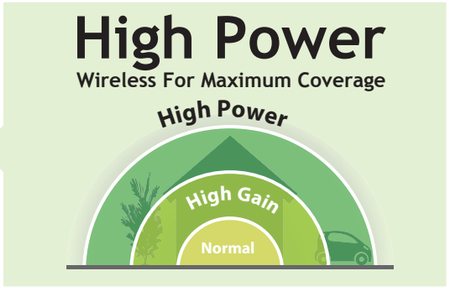
High Power Wireless USB Adapter



150Mbps High Power Wireless USB Adapter

TL-WN7200ND

- Mini USB 2.0 connector
- 5 dBi External Detachable Antenna
- High power and high receive sensitivity deliver performance enhancement compared with normal power
- Easy wireless security encryption at a push of the QSS button
- Supports Soft AP
- OS: Windows 7 32/64bit,Vista 32/64bit, XP 32/64bit, Windows 2000



High Gain Wireless USB Adapters



300Mbps High Gain Wireless N USB Adapter

TL-WN822N

- Mini USB 2.0 connector
- Provides Dual 3dBi External Antennas
- 1.5 meter USB extension cable enables convenient hardware conection
- Easy wireless security encryption at a push of the QSS button
- OS: Windows 7 32/64bit,Vista 32/64bit, XP 32/64bit, Windows 2000



150Mbps High Gain Wireless USB Adapter

TL-WN722NC / TL-WN722N

- USB 2.0 connector
- 4dBi detachable antenna
- Bundled with a stylish USB Cradle for flexible deployment (for TL-WN722NC only)
- Easy wireless security encryption at a push of the QSS button
- OS: Windows 7 32/64bit,Vista 32/64bit, XP 32/64bit, Windows 2000



54Mbps High Gain Wireless USB Adapter

TL-WN422GC / TL-WN422G

- USB 2.0 connector
- 4dBi detachable antenna
- Bundled with a stylish USB Cradle for flexible deployment (for TL-WN422GC only)
- OS: Windows 7 32/64bit,Vista 32/64bit, XP 32/64bit, Windows 2000

PCI/PCIe Adapters

300Mbps Wireless N



300Mbps Wireless N PCI Adapter

TL-WN951N

- 32-bit PCI connector
- OS: Windows 7 32/64bit, Vista 32/64bit, XP 32/64bit, Windows 2000



300Mbps Wireless N PCI Express Adapter

TL-WN881ND

- PCI Express connector
- OS: Windows 7 32/64bit, Vista 32/64bit, XP 32/64bit, Windows 2000



300Mbps Wireless N Mini PCI Adapter

TL-WN861N

- 32-bit Mini PCI connector
- OS: Windows 7 32/64bit, Vista 32/64bit, XP 32/64bit, Windows 2000



300Mbps Wireless N PCI Adapter

TL-WN851N

- 32-bit PCI connector
- OS: Windows 7 32/64bit,Vista 32/64bit, XP 32/64bit, Windows 2000



300Mbps Wireless N PCI Adapter

TL-WN851ND

- 32-bit PCI connector
- OS: Windows 7 32/64bit,Vista 32/64bit, XP 32/64bit, Windows 2000

150Mbps Wireless N



150Mbps Wireless N PCI Express Adapter

TL-WN781ND

- PCI Express 2.0 connector
- OS: Windows 7 32/64bit,Vista 32/64bit, XP 32/64bit, Windows 2000



150Mbps Wireless N PCI Adapter

TL-WN751ND

- 32-bit PCI connector
- OS: Windows 7 32/64bit, Vista 32/64bit, XP 32/64bit, Windows 2000

Wireless Adapters

54Mbps Wireless G



54Mbps Wireless PCI Adapter
TL-WN350G

- 32-bit PCI connector
- OS: Windows 7 32/64bit,Vista 32/64bit, XP 32/64bit, Windows 2000



54Mbps Wireless PCI Adapter
TL-WN350GD

- 32-bit PCI connector
- External detachable antenna
- OS: Windows 7 32/64bit,Vista 32/64bit, XP 32/64bit, Windows 2000

Cardbus Adapters

300Mbps Wireless N



300Mbps Wireless N CardBus Adapter
TL-WN811N

- CardBus connector
- OS: Windows 7 32/64bit, Vista 32/64bit, XP 32/64bit, Windows 2000

54Mbps Wireless G

54Mbps Wireless Cardbus Adapter
TL-WN310G

- Cardbus connector
- OS: Vista 32/64bit, XP 32bit, Windows 2000

Antennas

Antennas

										
MODEL NO.	TL-ANT2403N	TL-ANT2405C / TL-ANT2405CL	TL-ANT2406A	TL-ANT2408C/ TL-ANT2408CL	TL-ANT2409A	TL-ANT2409B	TL-ANT2414A	TL-ANT2414B	TL-ANT2412D TL-ANT2415D	TL-ANT2424B
FREQUENCY	2.4GHz	2.4GHz	2.4GHz	2.4GHz	2.4GHz	2.4GHz	2.4GHz	2.4GHz	2.4GHz	2.4GHz
GAIN	3dBi	5dBi	6dBi	8dBi	9dBi	9dBi	14dBi	14dBi	12dBi/15dBi	24dBi
TYPE	Omni	Omni	Directional	Omni	Directional	Directional	Directional	Directional	Omni	Directional
VSWR(MAX.)	1.92:1	1.92:1	1.92:1	1.5:1	1.92:1	1.92:1	1.92:1	1.92:1	1.92:1/1.5:1	1.5:1
HPBW/H(°)	360	360	120	360	60	60	30	30	360	14
HPBW/V(°)	90	32	90	15	76	76	30	30	6/9	10
POLARIZATION	Linear; Vertical	Linear; Vertical	Linear; Vertical	Linear; Vertical	Linear; Vertical	Linear; Vertical	Linear; Vertical	Linear; Vertical	Linear; Vertical	Linear; Vertical
CONNECTOR TYPE	RP-SMA Male (Plug)	RP-SMA Male (Plug)	RP-SMA Male (Plug)	RP-SMA Male (Plug)	RP-SMA Male (Plug)	N Female (Jack)	RP-SMA Male (Plug)	N Female (Jack)	N Female (Jack)	N Female (Jack)
EXTENDED CABLE/LENGTH	RG174;100cm	RG316; 130cm (for TL-ANT2405C)	RG174;130cm	RG316; 130cm (for TL-ANT2408C)	CFD-200 ;100cm	CFD-200 ; 100cm	CFD-200 ;100cm	CFD-200 ;100cm	N/A	30cm
MOUNTING	Desktop	Wall Mount/ Desktop (for TL-ANT2405C)	Wall Mount/ Desktop	Wall Mount / Desktop (for TL-ANT2408C)	Pole Mount Wall Mount	Pole Mount Wall Mount	Pole Mount Wall Mount	Pole Mount Wall Mount	Pole Mount Wall Mount	Pole Mount
APPLICATION	Indoor	Indoor	Indoor	Indoor	Indoor	Outdoor	Indoor	Outdoor	Outdoor	Outdoor
APPROXIMATE RANGE AT 1/11/54MBPS	-	700m/400m/ 60m	880m/500m/ 70m	1.41km/790m/ 110m	1.77km/1km/ 140m	1.77km/1km/ 140m	5.59km/3.15km/ 440m	5.59km/3.15km/ 440m	3.53km/1.98km/280m 7.06km/3.96km/560m	56km/31.5km/ 4.44km
OPTIONAL ACCESSORY	-	-	-	-	TL-ANT24EC3S TL-ANT24EC5S	TL-ANT24EC6N TL-ANT24EC12N TL-ANT24SP TL-ANT24PT TL-ANT24PT3	TL-ANT24EC3S TL-ANT24EC5S TL-ANT24PT3	TL-ANT24EC6N TL-ANT24EC12N TL-ANT24SP TL-ANT24PT TL-ANT24PT3	TL-ANT24EC6N TL-ANT24EC12N TL-ANT24SP TL-ANT24PT TL-ANT24PT3	TL-ANT24EC6N TL-ANT24EC12 N TL-ANT24SP TL-ANT24PT TL-ANT24PT3

Note: 1. Range reference is based on RF power of indoor AP (17dBm) without cable loss or other insertion loss; 2. The two sides of transmission use the same spec of antenna and AP; 3. The environment for range parameters is based on normal condition (with a system margin of 20dB); 4. Actual range (especially the indoor range) is subject to change due to user's physical environment. All figures are for reference only; 5. HPBW: Half Power Beam Width, H: horizontal plane pattern, V: vertical plane pattern.

Antenna Accessories

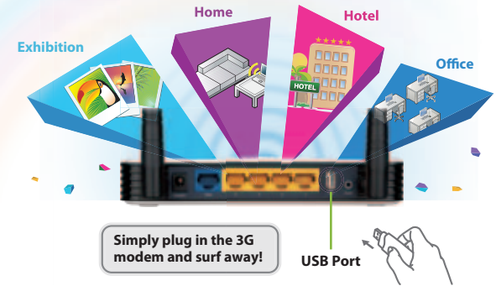
							
MODEL NO.	TL-ANT24EC3S	TL-ANT24EC5S	TL-ANT24EC6N	TL-ANT24EC12N	TL-ANT24PT	TL-ANT24PT3	TL-ANT24SP
PRODUCT DESCRIPTIONS	Extension Cable	Extension Cable	Extension Cable	Extension Cable	Pigtail Cable	Pigtail Cable	Surge Protector
FREQUENCY	2.4GHz	2.4GHz	2.4GHz	2.4GHz	2.4GHz	2.4GHz	2.4GHz
CONNECTOR TYPE	RP-SMA Male to Female	RP-SMA Male to Female	N Male to Female	N Male to Female	RP-SMA Male to N Male	RP-SMA Male to N Male	N Male to Female
CABLE MATERIAL	CFD-200	CFD-200	KMS-400	KMS-400	CFD-200	CFD-200	N/A
CABLE LENGTH	3 Meters	5 Meters	6 Meters	12 Meters	50 CM	3 Meters	N/A

3G Routers

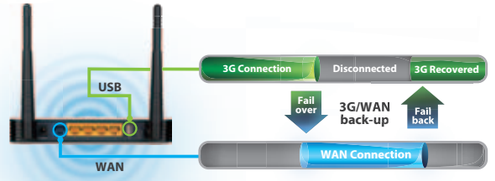


Here's Why You'll Love TP-LINK's 3G Router

1. Easily Share 3G Access Anywhere



2. Comprehensive 3G/WAN Back-up Strategy



3. High Compatibility

TL-MR3420/TL-MR3220 has been tested in field to make certain that it is compatible with the ISPs and modems in the regions in which they are sold. So far, they have been tested to be compatible with over 110 different 3G USB modems from around the world.

We have verified compatibility of the TL-MR3420/TL-MR3220 with 3G USB modems in the following locations:

Other regions are currently undergoing testing, for the latest 3G USB modems compatibility list, please visit:

http://www.tp-link.com/common/?3g

3G/3.75G Wireless N Router

300Mbps 3G/3.75G Wireless N Router
TL-MR3420



- USB 2.0 Port for UMTS/HSPA/EVDO USB Modem
- 3G/WAN Failover guarantees a sustained Internet connection
- Wireless N speed up to 300Mbps
- Neighbor friendly function ensures a more stable signal while automatically avoiding channel conflicts
- Easy wireless security encryption at a push of the QSS button
- WDS wireless bridge provides seamless bridging to expand the wireless network
- IP based bandwidth control allows administrators to determine how much bandwidth is allotted to each PC

Specifications

- Compatible with IEEE802.11n/g/b, IEEE802.3/3u
- 1 10/100Mbps WAN Port, 4 10/100Mbps LAN Ports, supports Auto-negotiation and Auto MDI/MDIX, 1 USB 2.0 Port
- Supports PPPoE, Dynamic IP, Static IP, BigPond Cable, PPTP, L2TP Cable Internet access
- Supports Auto Dial, Demand Dial, Regular Dial requirements
- Supports UPnP, Dynamic DNS, Static Routing, Flow Statistics, VPN Pass-through
- Supports Virtual Server, Special Application, and DMZ host
- Supports WEP, WPA/WPA2, WPA-PSK/WPA2-PSK encryption
- Built-in DHCP server supports automatic and dynamic IP address distribution
- Supports configuration files export and import

150Mbps 3G/3.75G Wireless N Router
TL-MR3220



- USB 2.0 Port for UMTS/HSPA/EVDO USB Modem
- 3G/WAN Failover guarantees a sustained Internet connection Wireless N speed up to 150Mbps
- Neighbor friendly function ensures a more stable signal while automatically avoiding channel conflicts
- Easy wireless security encryption at a push of the QSS button
- WDS wireless bridge provides seamless bridging to expand the wireless network
- IP based bandwidth control allows administrators to determine how much bandwidth is allotted to each PC

Specifications

- Compatible with IEEE802.11n/g/b, IEEE802.3/3u
- 1 10/100Mbps WAN Port, 4 10/100Mbps LAN Ports, supports Auto-negotiation and Auto MDI/MDIX, 1 USB 2.0 Port
- Supports PPPoE, Dynamic IP, Static IP, BigPond Cable, PPTP, L2TP Cable Internet access
- Supports Auto Dial, Demand Dial, Regular Dial requirements
- Supports UPnP, Dynamic DNS, Static Routing, Flow Statistics, VPN Pass-through
- Supports Virtual Server, Special Application, and DMZ host
- Supports WEP, WPA/WPA2, WPA-PSK/WPA2-PSK encryption
- Built-in DHCP server supports automatic and dynamic IP address distribution
- Supports configuration files export and import

ADSL



300Mbps Wireless N ADSL2+ Modem Router
TD-W8960N

Clear Up Your Desktop!

All-in-one device that's as powerful as it is simple

Wireless ADSL2+ Modem Routers

4-Port Wireless ADSL2+ Modem Routers



300Mbps Wireless N ADSL2+ Modem Router
TD-W8960N / TD-W8960NB*1

- All-in-One: ADSL2+ modem, NAT router, 4-port switch and wireless N access point in one device provides a one-stop networking solution
- Easy Setup Assistant with multi-language support provides quick & hassle-free installation
- Easy wireless security encryption at a push of the QSS button
- 4000V Lightning Protection helps your device to avoid the damage of tough thunderstorms
- WDS wireless bridge provides seamless bridging to expand your wireless network
- Port Mapping binds specific LAN ports to PVCs for an enjoyable IPTV experience *2
- Parental control allows parents or administrators to establish restricted access policies for children or staff
- Supports up to 10 IPSec VPN tunnels simultaneously

Specifications

- Broadcom chipset
- Complies with IEEE 802.11n/g/b, IEEE 802.3/3u
- ADSL/ADSL2/ADSL2+ standards, downstream up to 24Mbps
- 1 RJ11 DSL port, 4 10/100Mbps Auto-negotiation LAN ports
- Supports PPPoE, PPPoA, IPoE, IPoA and Bridge internet access
- Supports WEP, WPA/WPA2, WPA-PSK/WPA2-PSK encryptions for wireless security
- TR069 and SNMP enable centralized management
- Built-in NAT and SPI firewall, support IP address filtering, domain name filtering and MAC address filtering.
- Support Quality of Service (QoS), UPnP, Dynamic DNS, virtual server, DMZ host and IPSec/PPTP/L2TP VPN pass-through



300Mbps Wireless N ADSL2+ Modem Router
TD-W8961ND / TD-W8961NB*1

- All-in-One: ADSL2+ modem, NAT router, 4-port switch and wireless N access point in one device provides a one-stop networking solution
- Easy Setup Assistant with multi-language support provides quick & hassle-free installation
- Easy wireless security encryption at a push of the QSS button
- 4000V Lightning Protection helps your device to avoid the damage of tough thunderstorms
- WDS wireless bridge provides seamless bridging to expand your wireless network
- Port VLAN binds specific LAN ports to PVCs for an enjoyable IPTV experience *2

Specifications

- Complies with IEEE 802.11n/g/b, IEEE 802.3/3u
- ADSL/ADSL2/ADSL2+ standards, downstream up to 24Mbps
- 1 RJ11 DSL port, 4 10/100Mbps Auto-negotiation LAN ports
- Supports PPPoE, PPPoA, Static IP, Dynamic IP and Bridge internet access
- Supports WEP, WPA-PSK/WPA2-PSK encryptions for wireless security
- TR069 and SNMP enable centralized management
- Built-in NAT and SPI firewall, support IP address filtering, domain name filtering and MAC address filtering.
- Support Quality of Service (QoS), UPnP, Dynamic DNS, virtual server, DMZ host and IPSec/PPTP/L2TP VPN pass-through



150Mbps Wireless N ADSL2+ Modem Router
TD-W8950ND

- All-in-One: ADSL2+ modem, NAT router, 4-port switch and wireless N access point in one device provides a one-stop networking solution
- Easy Setup Assistant with multi-language support provides quick & hassle-free installation
- Easy wireless security encryption at a push of the QSS button
- 4000V Lightning Protection helps your device to avoid the damage of tough thunderstorms
- WDS wireless bridge provides seamless bridging to expand your wireless network
- Port Mapping binds specific LAN ports to PVCs for an enjoyable IPTV experience *2
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- Supports PPPoE, PPPoA, IPoE, IPoA and Bridge internet access
- Supports WEP, WPA/WPA2, WPA-PSK/WPA2-PSK encryptions for wireless security
- TR069 and SNMP enable centralized management
- Built-in NAT and SPI firewall, support IP address filtering, domain name filtering and MAC address filtering.
- Support Quality of Service (QoS), UPnP, Dynamic DNS, virtual server, DMZ host and IPSec/PPTP/L2TP VPN pass-through

*1 Annex B (ADSL over ISDN) is supported.
*2 IPTV application may require subscribing to IPTV services from ISP.

Wireless ADSL2+ Modem Routers



150Mbps Wireless N ADSL2+ Modem Router

TD-W8951ND / TD-W8951NB*1

- All-in-One: ADSL2+ modem, NAT router, 4-port switch and wireless N access point in one device provides a one-stop networking solution
- Easy Setup Assistant with multi-language support provides quick & hassle-free installation
- Easy wireless security encryption at a push of the QSS button
- 4000V Lightning Protection helps your device to avoid the damage of tough thunderstorms
- WDS wireless bridge provides seamless bridging to expand your wireless network
- Port VLAN binds specific LAN ports to PVCs for an enjoyable IPTV experience*2

Specifications

- Compatible with IEEE 802.11n/g/b, IEEE 802.3/3u
- ADSL/ADSL2/ADSL2+ standards, downstream up to 24Mbps
- 1 RJ11 DSL port, 4 10/100Mbps Auto-negotiation LAN ports
- Supports PPPoE, PPPoA, Static IP, Dynamic IP and Bridge internet access
- Supports WEP, WPA-PSK/WPA2-PSK encryptions for wireless security
- TR069 and SNMP enable centralized management
- Built-in NAT and SPI firewall, support IP address filtering, domain name filtering and MAC address filtering.
- Support Quality of Service (QoS), UPnP, Dynamic DNS, virtual server, DMZ host and IPSec/PPTP/L2TP VPN pass-through



54Mbps Wireless ADSL2+ Modem Routers

TD-W8901G / TD-W8901GB*1

- All-in-One: ADSL2+ modem, NAT router, 4-port switch and wireless G access point in one device provides one-stop networking
- Easy Setup Assistant with multi-language support provides quick & hassle-free installation
- 4000V Lightning Protection helps your device to avoid the damage of tough thunderstorms
- Port VLAN binds specific LAN ports to PVCs for an enjoyable IPTV experience*2

Specifications

- Complies with IEEE 802.11g/b, IEEE 802.3/3u
- ADSL/ADSL2/ADSL2+ standards, downstream up to 24Mbps
- 1 RJ11 DSL port, 4 10/100Mbps Auto-negotiation LAN ports
- Supports PPPoE, PPPoA, Static IP, Dynamic IP and Bridge internet access
- Supports WEP, WPA-PSK/WPA2-PSK encryptions for wireless security
- TR069 and SNMP enable centralized management
- Built-in NAT and SPI firewall, support IP address filtering, domain name filtering and MAC address filtering.
- Support Quality of Service (QoS), UPnP, Dynamic DNS, virtual server, DMZ host and IPSec/PPTP/L2TP VPN pass-through

1-Port Wireless ADSL2+ Modem Routers



1-Port 150Mbps Wireless N ADSL2+ Modem Router

TD-W8151N

- All-in-One: ADSL2+ modem, NAT router and wireless N access point in one device provides a one-stop networking solution
- Easy Setup Assistant with multi-language support provides quick & hassle-free installation
- Easy wireless security encryption at a push of the QSS button
- 4000V Lightning Protection helps your device to avoid the damage of tough thunderstorms
- WDS wireless bridge provides seamless bridging to expand your wireless network
- Port VLAN binds specific LAN ports to PVCs for an enjoyable IPTV experience *2

Specifications

- Compatible with IEEE 802.11n/g/b, IEEE 802.3/3u
- ADSL/ADSL2/ADSL2+ standards, downstream up to 24Mbps
- 1 RJ11 DSL port, 1 10/100Mbps Auto-negotiation LAN port
- Supports PPPoE, PPPoA, Static IP, Dynamic IP and Bridge internet access
- Supports WEP, WPA-PSK/WPA2-PSK encryptions for wireless security
- TR069 and SNMP enable centralized management
- Built-in NAT and SPI firewall, support IP address filtering, domain name filtering and MAC address filtering.
- Support Quality of Service (QoS), UPnP, Dynamic DNS, virtual server, DMZ host and IPSec/PPTP/L2TP VPN pass-through



1-Port 54Mbps Wireless ADSL2+ Modem Router

TD-W8101G

- All-in-One: ADSL2+ modem, NAT router and wireless G access point in one device provides one-stop networking
- Easy Setup Assistant with multi-language support provides quick & hassle-free installation
- 4000V Lightning Protection helps your device to avoid the damage of tough thunderstorms
- Port VLAN binds specific LAN ports to PVCs for an enjoyable IPTV experience *2

Specifications

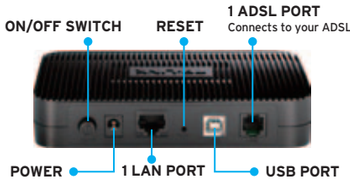
- Complies with IEEE 802.11g/b, IEEE 802.3/3u
- ADSL/ADSL2/ADSL2+ standards, downstream up to 24Mbps
- 1 RJ11 DSL port, 1 10/100Mbps Auto-negotiation LAN port
- Supports PPPoE, PPPoA, Static IP, Dynamic IP and Bridge internet access
- Supports WEP, WPA-PSK/WPA2-PSK encryptions for wireless security
- TR069 and SNMP enable centralized management
- Built-in NAT and SPI firewall, support IP address filtering, domain name filtering and MAC address filtering.
- Support Quality of Service (QoS), UPnP, Dynamic DNS, virtual server, DMZ host and IPSec/PPTP/L2TP VPN pass-through

*1 Annex B (ADSL over ISDN) is supported.

*2 IPTV application may require subscribing to IPTV services from ISP.

ADSL2+ Modem Routers

1-Port Ethernet ADSL2+ Modem Routers



Dual Flexibility

The TD-8817 offers both USB and Ethernet ports for flexible connectivity, which allow users to connect their computers via either USB or Ethernet, or both at the same time, to access the Internet.



ADSL2+ Ethernet/USB Modem Router

TD-8817/ TD-8817B*

- 2-in-1: ADSL2+ modem, NAT router in one device
- Easy Setup Assistant with multi-language support provides quick & hassle-free installation
- ADSL/ADSL2/ADSL2+ standards, downstream up to 24Mbps
- 1 RJ11 DSL port, 1 10/100Mbps auto-negotiation LAN port, 1 USB 1.1 port
- 4000V Lightning Protection helps your device to avoid the damage of tough thunderstorms
- TR069 and SNMP enable centralized management



ADSL2+ Ethernet/USB Modem Router

TD-8811

- 2-in-1: ADSL2+ modem, NAT router in one device
- Easy Setup Assistant support provides quick & hassle-free installation
- ADSL/ADSL2/ADSL2+ standards, downstream up to 24Mbps
- 1 RJ11 DSL port, 1 10/100Mbps auto-negotiation LAN port, 1 USB 1.1 port
- 4000V Lightning Protection helps your device to avoid the damage of tough thunderstorms
- Broadcom chipset



ADSL2+ Modem Router

TD-8816 / TD-8816B*

- 2-in-1: ADSL2+ modem, NAT router in one device
- Easy Setup Assistant with multi-language support provides quick & hassle-free installation
- ADSL/ADSL2/ADSL2+ standards, downstream up to 24Mbps
- 1 RJ11 DSL port, 1 10/100Mbps Auto-negotiation LAN port
- 4000V Lightning Protection helps your device to avoid the damage of tough thunderstorms
- TR069 and SNMP enable centralized management



ADSL2+ Modem Router

TD-8810

- 2-in-1: ADSL2+ modem, NAT router in one device
- Easy Setup Assistant support provides quick & hassle-free installation
- ADSL/ADSL2/ADSL2+ standards, downstream up to 24Mbps
- 1 RJ11 DSL port, 1 10/100Mbps Auto-negotiation LAN port
- 4000V Lightning Protection helps your device to avoid the damage of tough thunderstorms
- Broadcom chipset

4-Port Ethernet ADSL2+ Modem Routers



ADSL2+ Modem Router

TD-8840T / TD-8840TB*

- 3-in-1: ADSL2+ modem, NAT router and 4-port switch in one device
- Easy Setup Assistant support provides quick & hassle-free installation
- ADSL/ADSL2/ADSL2+ standards, downstream up to 24Mbps
- 1 RJ11 DSL port, 4 10/100Mbps Auto-negotiation LAN ports
- 4000V Lightning Protection helps your device to avoid the damage of tough thunderstorms
- TR069 and SNMP enable centralized management



ADSL2+ Modem Router

TD-8840

- 3-in-1: ADSL2+ modem, NAT router and 4-port switch in one device
- Easy Setup Assistant support provides quick & hassle-free installation
- ADSL/ADSL2/ADSL2+ standards, downstream up to 24Mbps
- 1 RJ11 DSL port, 4 10/100Mbps Auto-negotiation LAN ports
- 4000V Lightning Protection helps your device to avoid the damage of tough thunderstorms
- Broadcom chipset

*Annex B (ADSL over ISDN) is supported

ADSL2+ Modems

1-Port Ethernet ADSL2+ Modems



ADSL2+ Modem
TD-8616

- ADSL/ADSL2/ADSL2+ standards, downstream up to 24Mbps
- 1 RJ11 DSL port, 1 10/100Mbps Auto-negotiation LAN port
- 4000V Lightning Protection helps your device to avoid the damage of tough thunderstorms



ADSL2+ Modem
TD-8610

- ADSL/ADSL2/ADSL2+ standards, downstream up to 24Mbps
- 1 RJ11 DSL port, 1 10/100Mbps Auto-negotiation LAN port
- 4000V Lightning Protection helps your device to avoid the damage of tough thunderstorms
- Broadcom chipset

Powerline

Add An Internet Outlet To Every Power Socket





Built-in Outlet for Easy Power Access

AV200+ Powerline Adapter with AC Pass Through

TL-PA251



NEW

AV200+ Powerline Adapter with AC Pass Through
TL-PA251/ TL-PA251KIT *1

- 1 Ethernet Port, Homeplug AV standard, IEEE 802.3, IEEE 802.3u
- The integrated socket ensures that no electrical outlet is blocked
- Turns your existing electrical circuit into an Ethernet network, just plug in and play
- High data rate up to 200Mbps, fast enough for HD video streaming
- Up to 300 meter range over the household power circuit for better performance through walls or across floors
- QoS assures the quality of bandwidth sensitive applications such as voice, video and online games
- Easily establish a powerful 128-bit AES encryption connection by pushing a button
- Patented power save mode reduces power consumption by up to 75%
- Plug type supports EU
- Supports Windows 7/Vista/2003/XP/2000/98SE, Mac OS, Linux *2



AV200 Mini Powerline Adapter
TL-PA211/ TL-PA211KIT *1

- 1 Ethernet Port, Homeplug AV standard, IEEE 802.3, IEEE 802.3u
- Super Small Size with a new exterior, allowing the device to blend in with connected outlets
- Turns your existing electrical circuit into an Ethernet network, just plug in and play
- High data rate up to 200Mbps, fast enough for HD video streaming
- Up to 300 meter range over the household power circuit for better performance through walls or across floors
- QoS ensures the quality of bandwidth sensitive applications such as voice, video and online games
- Easily establish a powerful 128-bit AES encryption connection by pushing a button
- Patented power save mode reduces power consumption by up to 65%
- A wide range of plug types including EU, UK, AU and US ensures that it can be used all over the world
- Supports Windows 7/Vista/2003/XP/2000/98SE, Mac OS, Linux *2



HS85 Mini Powerline Adapter
TL-PA111/ TL-PA111KIT *1

- 1 Ethernet Port, Homeplug Turbo Standard, IEEE 802.3, IEEE 802.3u
- Super small size with a new exterior, allowing the device to blend in with connected outlets
- Turns your existing electrical circuit into an Ethernet network, just plug in and play
- High data rate up to 85Mbps
- Up to 300 meter range over the household power circuit for better performance through walls or across floors
- Powerful 56-bit DES encryption ensures privacy and security for power line communications
- Patented power save mode reduces power consumption by up to 33%
- Plug type supports EU, UK
- Supports Windows 7/Vista/2003/XP/2000/98SE, Mac OS, Linux *2

Which is the best powerline product for you?

	 TL-PA111	 Coming soon TL-PA210	 TL-PA211	 TL-PA251	 Coming soon TL-WPA281	Coming soon TL-PA511
	HS85 Mini	AV200 Mini	AV200 Mini	AV200+ Pass Through	AV200 Wireless N	AV500 Mini
Speed	85Mbps	200Mbps	200Mbps	200Mbps	200Mbps	500Mbps
One Button Encryption		√	√	√	√	√
Power saveing mode		√	√	√	√	√
NAS-Hard Drive	√	√	√	√	√	√
Multiplayer Gaming	√	√	√	√	√	√
HD Video Streaming		√	√	√	√	√
Multiple IPTV Streaming			√	√	√	√
Multiple HD Streaming						√
Additional Power Socket				√		
Wireless Extension & QSS Button					√	
Gigabit Connection						√

*1 Annex B (ADSL over ISDN) is supported.
*2 IPTV application may require subscribing to IPTV services from ISP.





HOT

54Mbps Pocket-Sized Wireless Print Server
TL-WPS510U

- Enables multiple users to share a USB high-speed printer wirelessly
- IEEE 802.11g/b Standard, Wireless speed up to 54Mbps
- High compatibility with the majority of USB printers on the market
- Supports WEP 64/128 bits encryption and WPA/WPA2-PSK security
- Easy to configure, manage and use
- OS: Windows 7/Vista/2003/XP/2000, Unix/Linux, MAC OS X 10.2 or higher

* Utility Supports Windows 7/Vista/2003/XP/2000 for the present



Single USB2.0 Port Fast Ethernet Print Server
TL-PS110U

- Enables multiple users to share a USB high-speed printer
- High compatibility with the majority of USB printers on the market
- Easy to configure, manage and use
- Compact size for flexible placement
- OS: Windows 7/Vista/2003/XP/2000, Unix/Linux, MAC OS X 10.2 or higher

* Utility Supports Windows 7/Vista/2003/XP/2000 for the present



HOT

Single USB2.0 Port MFP and Storage Server
TL-PS310U

- Enables multiple users to share a USB Multi-function printer
- Enables multiple users to share a USB storage device
- High compatibility with the majority of USB Multi-function Printers
- Supports the Multi-function Printer's functions of printing, scanning, fax and copy
- Supports the extension of connecting up to 4 USB devices via a USB hub
- Easy to configure, manage and use
- OS: Windows 7/Vista/XP/2000



Single Parallel Port Fast Ethernet Print Server
TL-PS110P

- Enables multiple users to share a parallel printer
- Easy to configure, manage and use
- High compatibility with the majority of parallel printers on the market
- Compact size for flexible placement
- OS: Windows 7/Vista/2003/XP/2000, Unix/Linux, MAC OS X 10.2 or higher

* Utility Supports Windows 7/Vista/2003/XP/2000 for the present

IP Cameras



Wireless Pan/Tilt Surveillance Camera **TL-SC4171G**

"The Best of CES 2011" ----PC World

NEW

Wireless Pan/Tilt Surveillance Camera

TL-SC4171G



- Wide-range motorized Pan/Tilt patrol (Pan: 354°, Tilt: 125°)
- Stable and fast 54Mbps wireless connectivity
- Vivid video in the day and clear monochrome in the dark
- 12 Infrared LEDs ensure 10-meter (32.8 feet) night vision distance
- 2-way audio transmission
- Remote view via Internet or 3G enabled devices
- Bundled 16-channel central management software

HOT

Day/Night Surveillance Camera

TL-SC3171G / TL-SC3171



- Vivid video in the day and clear monochrome in the dark
- 12 Infrared LEDs ensure 10-meter (32.8 feet) night vision distance
- Stable and fast 54Mbps wireless connectivity (for TL-SC3171G only)
- 2-way audio transmission
- Remote view via Internet or 3G enabled devices
- Bundled 16-channel central management software

NEW

H.264 Megapixel Surveillance Camera

TL-SC3430



- High Definition viewing at 1.3 Mega-pixel (1280x1024) resolutions.
- Advanced H.264 codec achieves great fluidity in HD Video streaming
- Low-light sensitive progressive scan CMOS sensor produces vivid images
- 2-way audio transmission
- Remote view via Internet or 3G enabled devices
- Bundled 16-channel central management software

2-way Audio Surveillance Camera

TL-SC3130G / TL-SC3130



- Stable and fast 54Mbps wireless connectivity (for TL-SC3130G only)
- Low-light sensitive progressive scan CMOS sensor produces vivid images
- 2-way audio transmission
- Remote view via Internet or 3G enabled devices
- Bundled 16-channel central management software

Experience Surveillance in HD

Crystal Clear Resolution for the Most Detailed Surveillance

H.264 Megapixel
Surveillance Camera
TL-SC3430



FACTORS	TL-SC4171G	TL-SC3171G / TL-SC3171	TL-SC3430	TL-SC3130/ TL-SC3130G
Wireless	√	√ (For TL-SC3171G)	×	√ (For TL-SC3130G)
Image Sensor	1/4" CMOS sensor	1/4" CMOS sensor	1/4" CMOS sensor	1/4" CMOS sensor
Min illumination / Light sensitivity (Color)	0.5 Lux (0 Lux when IR on)	0.5 Lux (0 Lux when IR on)	0.5 Lux	0.5 Lux
Lens	F2.0, 4.0mm	F2.0, 4.3mm	F1.8, 4.2 mm	F2.0, 4.0mm
Pan/Tilt	Range: Pan 354°/Tilt 125°	----	----	---
Max Resolution	0.3 Megapixel (640x480)	0.3 Megapixel (640x480)	1.3 Megapixel (1280x1024)	0.3 Megapixel (640x480)
Max Frames per second	30fps at 640x480 Resolution	30fps at 640x480 Resolution	15fps at 1280x1024 Resolution	30fps at 640x480 Resolution
Color Fidelity and clear night vision effect	Mechanical ICR	Mechanical ICR	----	---
Scheduled Motion Detection	√	√	√	√
3G View*	√	√	√	√
HTTPS / SSL	√	√	√	√
NAS compatible	x	x	√	x
Supported Operating Systems	Windows; MAC OS; Linux	Windows; MAC OS; Linux	Windows; MAC OS; Linux	Windows; MAC OS; Linux
Supported Browsers	IE; Firefox; Safari; Google Chrome	IE; Firefox; Safari; Google Chrome	IE; Firefox; Safari; Google Chrome	IE; Firefox; Safari; Google Chrome

* Note: View real-time video anywhere from your 3G phone or tablet!

SOHO Routers

Dynamic WAN/LAN Ports for Versatile Internet Networking



Load Balance Broadband Router
TL-R470T+

Ideal for Small Businesses and Internet Cafes

Three Dynamic WAN/LAN Ports & Smart Load Balancing

Three Dynamic WAN/LAN ports can be set to either WAN or LAN allowing for a total of up to 4 WAN ports to satisfy various Internet access requirements through one device. The router's Integrated Smart Load Balancing function automatically selects the most efficient route according to load and bandwidth requirements for maximum bandwidth efficiency.

Superior Performance and Greater Stability

The router features a 400MHz processor, internal power supply, and lightning protection for the most robust connections and safest networking investment.

Safeguard Your Network

DoS protection, IP and MAC Address Binding, and Domain Name Filtering ensure that the network is safe from attacks and intrusions.

Easy to Manage

User-friendly web-based management makes the TL-R470T+ so easy that even a novice networking user can set up and maintain the network.



NEW

Load Balance Broadband Router
TL-R470T+

- 2×10/100Mbps WAN Ports (RJ45), 3×10/100Mbps LAN Ports (RJ45) by default
- Three dynamic WAN/LAN ports let you enjoy multiple-services provided by different ISPs
- Load Balancing strategies provide consistent network uptime and reliable Ethernet connectivity
- 802.1x, PPPoE, Dynamic IP, Static IP, L2TP, PPTP and Bigpond Cable Internet connection options easily connect to the Internet
- Strong firewall and Powerful DoS attack protection can safeguard your network
- Supports Static Routing, VPN Pass through, Bandwidth Control, Port Mirror, Time-based Access Control



8-Port Cable/DSL Router
TL-R860

- 1×10/100Mbps WAN Port(RJ45), 8×10/100Mbps LAN Ports(RJ45)
- 802.1x, PPPoE, Dynamic IP, Static IP, L2TP, PPTP and Bigpond Cable Internet connection options easily connect to the Internet
- Time-based Access Control allows parents or administrators to establish restricted access policies for children or staff
- Virtual Server, Special Application, DMZ Host and UPnP help you build your own servers
- IP Based Bandwidth Control guarantees the performance of VoIP or video applications
- Built-in firewall and Powerful DoS attack protection can safeguard your network



4-Port Cable/DSL Router
TL-R460

- 1×10/100Mbps WAN Port (RJ45), 4×10/100Mbps LAN Ports (RJ45)
- 802.1x, PPPoE, Dynamic IP, Static IP, L2TP, PPTP and Bigpond Internet connection options easily connect to the Internet
- Time-based Access Control allows parents or administrators to establish restricted access policies for children or staff
- Virtual Server, Special Application, DMZ Host and UPnP help you build your own servers
- IP Based Bandwidth Control guarantees the performance of VoIP or video applications
- Built-in firewall and Powerful DoS attack protection can safeguard your network



HOT

4-Port Cable/DSL Router
TL-R402M

- 1×10/100Mbps WAN Port (RJ45), 4×10/100Mbps LAN Ports (RJ45)
- PPPoE, Dynamic IP, Static IP and L2TP Internet connection options easily connect to the Internet
- Virtual Server, Special Application, DMZ Host and UPnP help you build your own servers
- Built-in firewall and Powerful Dos attack protection can safeguard your network

SOHO Switches



Go gleen with TP-LINK's Eco-friendly Switches

Save Energy and Money

Fast Ethernet Switches



5-Port 10/100Mbps Desktop Switch
TL-SF1005D

- 5×10/100Mbps Auto-negotiation RJ45 ports, supports Auto MDI/MDIX
- Green Ethernet technology saves up to 60% of power
- IEEE 802.3x Flow Control provides reliable data transfer
- External power adapter, plastic case, desktop or wall-mounted design
- Plug and play, no configuration needed



8-Port 10/100Mbps Desktop Switch
TL-SF1008D

- 8×10/100Mbps Auto-negotiation RJ45 ports, supports Auto MDI/MDIX
- Green Ethernet technology saves up to 50% of power
- IEEE 802.3x Flow Control provides reliable data transfer
- External power adapter, plastic case, desktop or wall-mounted design
- Plug and play, no configuration needed



16-Port 10/100Mbps Desktop Switch
TL-SF1016D

- 16×10/100Mbps Auto-negotiation RJ45 ports, supports Auto MDI/MDIX
- Green Ethernet technology saves up to 65% of power
- IEEE 802.3x Flow Control provides reliable data transfer
- External power adapter, plastic case, desktop or wall-mounted design
- Plug and play, no configuration needed



16-Port 10/100Mbps Switch
TL-SF1016DS

- 16x10/100Mbps Auto-negotiation RJ45 ports, supports Auto MDI/MDIX
- Innovative Green Technology saves up to 25% of power
- IEEE 802.3x Flow Control provides reliable data transfer
- 11.7×7.1×1.7 inch (294×180×44mm)



16-Port 10/100Mbps Rackmount Switch
TL-SF1016

- 16×10/100Mbps Auto-negotiation RJ45 ports, supports Auto MDI/MDIX
- Innovative Green Technology saves up to 25% of power
- IEEE 802.3x Flow Control provides reliable data transfer
- Plug and play, no configuration needed
- 17.3×7.1×1.7 inch (440×180×44mm)



24-Port 10/100Mbps Switch
TL-SF1024D

- 24x10/100Mbps Auto-negotiation RJ45 ports, supports Auto MDI/MDIX
- Innovative Green Technology saves up to 40% of power
- IEEE 802.3x Flow Control provides reliable data transfer
- 11.7×7.1×1.7 inch (294×180×44mm)



24-Port 10/100Mbps Rackmount Switch
TL-SF1024

- 24×10/100Mbps Auto-negotiation RJ45 ports, supports Auto MDI/MDIX
- Innovative Green Ethernet technology saves up to 40% of power
- IEEE 802.3x Flow Control provides reliable data transfer
- Plug and play, no configuration needed
- 17.3×7.1×1.7 inch (440×180×44mm)

Gigabit Switches



5-Port Gigabit Desktop Switch
TL-SG1005D

- 5 Gigabit Auto-negotiation RJ45 ports, supports Auto MDI/MDIX
- Innovative Green Ethernet technology saves up to 75% of power
- IEEE 802.3x Flow Control provides reliable data transfer
- External power adapter, plastic case
- Plug and play, no configuration needed



8-Port Gigabit Desktop Switch
TL-SG1008D

- 8 Gigabit Auto-negotiation RJ45 ports, supports Auto MDI/MDIX
- Innovative Green Ethernet technology saves up to 80% of power
- IEEE 802.3x Flow Control provides reliable data transfer
- External power adapter, plastic case
- Plug and play, no configuration needed



8-Port Gigabit Desktop/Rackmount Switch
TL-SG1008

- 8x10/100/1000Mbps Auto-negotiation RJ45 ports, supports Auto MDI/MDIX
- Innovative Green Technology saves up to 75% of power
- IEEE 802.3x Flow Control provides reliable data transfer
- Desktop design
- 11.7×7.1×1.7 inch (294×180×44mm)



16-Port Gigabit Switch
TL-SG1016D

- 16x10/100/1000Mbps Auto-negotiation RJ45 ports, supports Auto MDI/MDIX
- Innovative Green Technology saves up to 40% of power
- IEEE 802.3x Flow Control provides reliable data transfer
- 11.7×7.1×1.7 inch (294×180×44mm)



24-Port Gigabit Switch
TL-SG1024D

- 24x10/100/1000Mbps Auto-negotiation RJ45 ports, supports Auto MDI/MDIX
- Innovative Green Ethernet technology saves up to 40% of power
- IEEE 802.3x Flow Control provides reliable data transfer
- 11.7×7.1×1.7 inch (294×180×44mm)



16-Port Gigabit Rackmount Switch
TL-SG1016

- 16x10/100/1000Mbps Auto-negotiation RJ45 ports, supports Auto MDI/MDIX
- Innovative Green Technology saves up to 40% of power
- IEEE 802.3x Flow Control provides reliable data transfer
- 17.3×7.1×1.7 inch (440×180×44mm)



24-Port Gigabit Rackmount Switch
TL-SG1024

- 24x10/100/1000Mbps Auto-negotiation RJ45 ports, supports Auto MDI/MDIX
- Innovative Green Ethernet technology saves up to 40% of power
- IEEE 802.3x Flow Control provides reliable data transfer
17.3×7.1×1.7 inch (440×180×44mm)

Power over Ethernet



PoE Splitter
TL-POE10R

PoE Injector
TL-POE150S



PoE Splitter
TL-POE10R

- IEEE802.3, IEEE802.3u, IEEE802.3af standards
- Comply with IEEE 802.3af compliant PSEs
- Optional 12VDC, 9VDC, 5VDC power supply
- Plug-and-Play, requires no configuration



PoE Injector
TL-POE150S

- IEEE802.3, IEEE802.3u, IEEE802.3af standards
- Comply with IEEE 802.3af compliant PDs
- Delivers power as far as100 meters
- Automatically determines the necessary power requirements
- Plug-and-Play, requires no configuration



PoE Adapter Kit
TL-POE200

- Delivers power as far as 100 meters
- Optional 12V DC, 9VDC, 5V DC power supply
- Plug-and-Play, requires no configuration



8-Port 10/100Mbps PoE Switch
TL-SF1008P

- IEEE802.3, IEEE802.3u, IEEE802.3af standards
- 8 10/100Mbps Auto-Negotiation RJ45 Ports with 4-Port PoE function (Port-1 to Port-4)
- Supports IEEE 802.3af PoE compliant PDs (Powered Devices)

Network Adapters & 56K Modem

Network Adapters



Gigabit PCI Network Adapter
TG-3269

- 32-bit PCI connector
- 10/100/1000Mbps Auto-negotiation
- Supports Full Duplex and Half Duplex transfer modes
- Provides BOOTROM socket for diskless booting



Gigabit PCIe Network Adapter
TG-3468

- 32-bit PCIe connector
- 10/100/1000Mbps Auto-negotiation
- Supports Full Duplex and Half Duplex transfer modes



10/100Mbps PCI Network Adapter
TF-3239D

- 32-bit PCI connector
- 10/100Mbps Auto-negotiation
- Supports Full Duplex and Half Duplex transfer modes
- Provides BOOTROM socket for diskless booting



10/100Mbps PCI Network Adapter
TF-3239DL

- 32-bit PCI connector
- 10/100Mbps Auto-negotiation
- Supports Full Duplex and Half Duplex transfer modes



10/100Mbps PCI Network Adapter
TF-3200

- 32-bit PCI connector
- 10/100Mbps Auto-negotiation
- Supports Full Duplex and Half Duplex transfer modes

56K Modem



56K PCI Modem
TM-IP5600

- ITU-T V.92 and V.44 compression standards allows for 56K Internet access speed



About TP-LINK

TP-LINK is a leading global supplier of network communications equipment. Since its inception in 1996, TP-LINK has been committed to providing the world with the most convenient networking and Internet connectivity devices, for use in the home or office, for work or entertainment. We strive to provide the world's growing number of networking users with products of the highest quality and performance while maintaining the most competitive prices possible.

TP-LINK products include Ethernet, wireless LAN, broadband access, powerline communications, switching, routing and other major Small and Medium business areas. TP-LINK is gradually entering the mobile Internet, digital home, networking security fields.

TP-LINK excels through independent research and development and manufacturing to integrate quality resources worldwide, forming a powerful force that is TP-LINK innovation. Our ability to control nearly all aspects of our products, from concept to production ensures that we lead the industry in high performance, high quality networking products at the most affordable prices available to end users.

Latest Awards

TD-W8960N wins "the best performance" award from PC net magazine in Turkey, 2010

TL-WR1043ND received the "SEHR GUT" (very good) award from PCtipp in Switzerland, 2010

TL-PA211KIT receives "Recommended Product" award from DreamWare Computers in Canada, 2010v

TL-WR1043ND gains "Value Award" from PC3 magazine in Hongkong, 2010

TL-W8950ND wins 'Buy It' Award from Computer Active magazine in UK, 2010

TD-W8950ND gains "BestBuy" award from PC Advisor in UK, 2010

TL-WR941ND wins "cost effective" award from www.amdclub.ru in Russia, 2010

TL-PA201 gains "Highly Recommended" award from APC Magazine in Australia, 2010

TL-WR1043ND wins Gold award-Must Buy Router from HWM in Malaysia, 2010

TL-PA201KIT receives "COMPRA RECOMENDADA" award from PC Actual Magazine in Spain, 2010

Mile Stones

On the GO

2011

TP-LINK Ranked 42nd in the 2010 list of China's 100 best IT Enterprises.

2010

Successfully purchased 82, 898 square meters (about 125 acres) of land for the construction of "TP-LINK Industrial Park" Phase II project, with estimated total investment of 70~80 million USD and a total building area of approximately 250,000 square meters.

2009

2008 Two overseas branch offices in Germany and the United States begin operations.

2007 Successfully began operations at two overseas offices in Singapore and India.

2006 Independent factory for international business launched, occupying 4500 square meters with all workshops equipped with green lead-free (ROHS) equipment and environmental production line in line with international standards.

2005 Began venture into the international market.

2004 Wireless products based on 802.11g/b standards featuring Super G and eXtended Range™ launched and marketed.

2003 Launched 11Mbps 802.11b wireless products.

2002 The first web smart switch and the first broadband router successfully developed and marketed.

2001 Fiber transponder and ADSL successfully developed.

2000 ISO9001:2000 international quality system certified.

1999 The number of the branch offices in China increased to 10, with more than 600 excellent distributors throughout the whole nation.

1998 Total sales revenue broke 100,000,000 RMB (Apprx.15 MILLION USD).

1997 Own factory erected and five branch offices established throughout China.

1996 TP-LINK brand established, meaning Twisted Pair Link.