ComX Computers
Product Specification Sheet

NET-ARCHER-GE230

TP-Link Archer GE230 BE3600 Dual-Band Wi-Fi 7 Gaming Router

Product Overview

TP-Link Archer GE230 BE3600 Dual-Band Wi-Fi 7 Gaming Router; 3.6 Gbps combined wireless speed; 2882 Mbps 5 GHz; 688 Mbps 2.4 GHz; 2 x 2.5 Gbps Ethernet ports; 3 x 1 Gbps LAN ports; USB 3.0; dedicated 5 GHz gaming band; Turbo Game Acceleration; Multi-Link Operation; EasyMesh; RGB lighting; HomeShield

Specifications

About this product

The TP-Link Archer GE230 BE3600 Dual-Band Wi-Fi 7 Gaming Router delivers up to 3.6 Gbps wireless speed with 2882 Mbps on 5 GHz and 688 Mbps on 2.4 GHz, plus 2 x 2.5 Gbps ports, dedicated gaming features, Turbo Game Acceleration, Multi-Link Operation, RGB lighting and EasyMesh support. Designed for competitive gaming, streaming and high-performance home networking, it helps reduce lag and improve connection stability. Buy the Archer GE230 online for a powerful Wi-Fi 7 gaming network.

Overview Summary

TP-Link Archer GE230 BE3600 Dual-Band Wi-Fi 7 Gaming Routeris designed for gamers who need fast wireless performance, low-latency connectivity and advanced network control. Wi-Fi 7 delivers combined wireless speeds of up to 3.6 Gbps, with up to 2882 Mbps on the 5 GHz band and 688 Mbps on the 2.4 GHz band. Multi-Link Operation, 4K-QAM,

Multi-RUs, OFDMA and 2 x 2 MU-MIMO help provide efficient connections for compatible devices.

The Archer GE230 includes dedicated gaming functionality such as a 5 GHz gaming band, gaming port, game application acceleration, Gamers Private Network acceleration, game statistics and a dedicated game panel. Two 2.5 Gbps Ethernet ports support high-speed wired networking, while four external antennas and Beamforming help extend wireless coverage. RGB lighting and a race car-inspired design add a gaming-focused look to the setup.

Performance tier: High-performance Wi-Fi 7 gaming router

Uses: Online gaming, competitive gaming, game streaming, 4K streaming, home networking, high-speed wireless networking, multi-device connectivity

Description

The TP-Link Archer GE230 is a BE3600 dual-band Wi-Fi 7 gaming router built to provide fast and responsive network connectivity for modern gaming setups. It supports wireless speeds of up to 3600 Mbps, with 2882 Mbps available on the 5 GHz band and 688 Mbps on the 2.4 GHz band. Wi-Fi 7 features including Multi-Link Operation, 4K-QAM and Multi-RUs are designed to improve throughput and connection efficiency when used with compatible Wi-Fi 7 devices.

For wired gaming, the Archer GE230 provides 1 x 2.5 Gbps WAN port and 1 x 2.5 Gbps LAN port alongside 3 x 1 Gbps LAN ports. The dedicated gaming port can prioritize gaming device traffic, while Turbo Game Acceleration provides additional optimisation for game applications, gaming devices and game servers. The router also supports Gamers Private Network acceleration for supported gaming connections.

Four external antennas, Beamforming, 2 x 2 MU-MIMO, OFDMA, Airtime Fairness, DFS and four wireless streams help the router manage multiple connected devices and maintain efficient wireless performance. EasyMesh compatibility allows compatible routers and range extenders to be combined into a whole-home mesh network.

The gaming-focused hardware features a race car-inspired design with customizable RGB lighting. A dedicated game panel provides access to network status, router performance, RGB settings, accelerated games and gaming functions. The Tether app and web interface provide convenient management of the network.

Security features include HomeShield, SPI Firewall, Access Control, malicious site blocking, intrusion prevention, DDoS attack prevention and IoT protection. The router also supports OpenVPN, PPTP, L2TP and WireGuard VPN server and client functions. A USB 3.0 port supports external storage with FTP Server, Media Server and Samba Server functions.

Features

The Archer GE230 combines Wi-Fi 7 wireless technology with gaming-focused network management, high-speed Ethernet connectivity and whole-home mesh support.

- BE3600 dual-band Wi-Fi 7 wireless performance
- Up to 3600 Mbps combined wireless speed
- 5 GHz wireless speed up to 2882 Mbps
- 2.4 GHz wireless speed up to 688 Mbps
- Multi-Link Operation for compatible Wi-Fi 7 devices
- 4K-QAM and Multi-RUs support
- Dedicated 5 GHz gaming band
- Dedicated 2.5 Gbps gaming port
- Turbo Game Acceleration for supported gaming traffic
- Game application and game device acceleration
- Gamers Private Network acceleration
- Dedicated game panel with network and gaming information
- Comprehensive gaming traffic statistics

- Customizable RGB lighting
- Race car-inspired gaming design
- 4 x external antennas
- Beamforming technology
- 2 x 2 MU-MIMO
- OFDMA technology
- Airtime Fairness
- DFS support
- EasyMesh compatible
- 1 x 2.5 Gbps WAN port
- 1 x 2.5 Gbps LAN port
- 3 x 1 Gbps LAN ports
- 1 x USB 3.0 port
- HomeShield security features
- OpenVPN, PPTP, L2TP and WireGuard VPN client and server support
- Router Mode and Access Point Mode
- TP-Link Tether app and web management

Flawless Gaming Experience Powered by 3.6 Gbps Wi-Fi 7
Archer GE230 is built to future-proof your gaming with Wi-Fi 7, delivering a super-smooth gaming experience with 4K-QAM and Multi-Link Operation achieving combined speeds of up to 3.6 Gbps.

Higher Speed, Lower Latency
More reliability with Multi-Link Operation

20% Higher Transmission Rates
4K-QAM packs 120% data for higher speeds

Empowering your Games with Multi-Gigabit Connectivity
Automatically prioritizes your game device traffic, delivering 2.5G ultra-fast speed.

Unstoppable Turbo Game Acceleration
Archer GE230 enhances your gaming experience by providing advanced acceleration for applications and devices, while intelligently selecting the optimal traffic path for your game connections.

Seamless RGB Lighting
Ignite your gaming with millions of colors

Race Car-Inspired Design
Engineered for efficient heat dissipation, driving you towards victory with stability.

Game Panel
Whether you prefer the Tether app or TP-Link's web interface, you can see network status, router performance, RGB settings, accelerated games and gears at a glance on an exclusive game dashboard.

Game Statistic
Gain insight and better control of your gaming network with comprehensive gaming traffic reports. The traffic of various periods can be displayed, including devices and applications. The Tether app allows you to manage network settings

Flexibly Create Whole Home Mesh WiFi
Archer GE230 is EasyMesh-compatible. If you have any dead zones at home, just add another EasyMesh router/range

extender to further form your whole home multi-gigabit mesh Wi-Fi. No more searching for a stable connection.

Smart Roaming
Uninterrupted streaming when moving around your home

One WiFi Name
No more switching between networks

Ethernet Backhaul
Integrated wired & wireless backhaul for fast and reliable mesh networking

Unified Management
Manage your whole home Wi-Fi from the central node via the Tether app/Web UI

KEEP EVERYTHING SECURE
Archer GE230 features HomeShield, with a series of built-in services to provide comprehensive antivirus protection that ensures your total security while gaming online.**

What's in the Box

- TP-Link Archer GE230 BE3600 Dual-Band Wi-Fi 7 Gaming Router
- Power adapter
- Quick Installation Guide

Specifications

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Specifications	
Product Code	NET-ARCHER-GE230
WIRELESS	
WiFi Speeds	BE3600
	5 GHz: 2882 Mbps (802.11be)
	2.4 GHz: 688 Mbps (802.11be)
WiFi Range	3 Bedroom Houses
	4x External Antennas
	Multiple antennas form a signal-boosting array to cover more directions and large areas
	Beamforming
	Concentrates wireless signal strength towards clients to expand WiFi range

WiFi Capacity	High
	Dual-Band
	Allocate devices to different bands for optimal performance
	2x2 MU-MIMO
	Simultaneously communicates with multiple MU-MIMO clients
	OFDMA
	Simultaneously communicates with multiple clients
	Airtime Fairness
	Improves network efficiency by limiting excessive occupation
	DFS
	Access an extra band to reduce congestion
	4 Streams
	Connect your devices to more bandwidth
Advanced Features	Multi-Link Operation (MLO)
	4K-QAM
	Multi-RUs
	EasyMesh-Compatible
	Works with Alexa and Google Assistant
	IoT Network
Wireless Mode	Router Mode
	Access Point Mode
SECURITY	
Network Security	SPI Firewall
	Access Control
	IP & MAC Binding
	Application Layer Gateway
	HomeShield Security
	Real-Time IoT Protection
	Malicious Site Blocker
	Intrusion Prevention System
	DDoS Attack Prevention
	Home Network Scanner
Guest Network	1x 5 GHz Guest Network
	1x 2.4 GHz Guest Network

VPN Server	OpenVPN Server
	PPTP VPN Server
	L2TP VPN Server
	WireGuard VPN Server
VPN Client	Open VPN Client
	PPTP VPN Client
	L2TP VPN Client
	WireGuard VPN Client
WiFi Encryption	WPA
	WPA2
	WPA3
	WPA/WPA2-Enterprise (802.1x)
HARDWARE	
Ethernet Ports	1x 2.5 Gbps WAN
	1x 2.5 Gbps LAN
	3x 1 Gbps LAN
USB Support	1x USB 3.0
	Supported Partition Formats:
	NTFS, exFAT, HFS+, FAT32
	Supported Functions:
	FTP Server
	Media Server
	Samba Server
Buttons	Power Button
	Wi-Fi/WPS Button
	LED Button
	Reset Button
Power	12 V ~ 2 A
SOFTWARE	
Protocol	IPv4
	IPv6

Game Center	1. Game Acceleration:
	Accelerate Game Applications with QoS
	Accelerate Game Devices with Gaming Port
	Game Servers Acceleration by GPN
	2. Game Panel:
	Network Status
	Router Performance
	RGB Settings
	Accelerated Games and Gears
	3. Game Statistics:
	Comprehensive Gaming Traffic Reports
	4. Dedicated Gaming Band
	5 GHz Gaming Band
Service Kit	HomeShield
EasyMesh	Compatible with EasyMesh
Parental Controls	HomeShield Parental Controls
	Custom Profiles
	Professional Content Filter Library
	Family Time
	Bedtime
	Off Time
	Time Rewards
	Family Online Time Ranking
	Pause the Internet
	Weekly and Monthly Reports
WAN Type	Dynamic IP
	Static IP
	PPPoE
	PPTP
	L2TP
Quality of Service	QoS by Device
Cloud Service	Auto Firmware Upgrade
	TP-Link ID
	DDNS

NAT Forwarding	Port Forwarding
	Port Triggering
	DMZ
	UPnP
IPTV	IGMP Proxy
	IGMP Snooping
	Bridge
	Tag VLAN
DHCP	Address Reservation
	DHCP Client List
	Server
DDNS	TP-Link
	NO-IP
	DynDNS
Management Features	Tether App
	Webpage
OTHER	
Network Services Enabled by Default	Web Server
	Manage and configure device through web (HTTP/HTTPS)
	Port: 80/443 Protocol: TCP
	DNS
	Port: 53 Protocol: TCP & UDP
	DHCP Server
	IP address assignment (DHCP)
	Port: 67 Protocol: UDP
	App management
	Manage and configure device through app
	Port: 20001 Protocol: TCP
	Port: 30001 Protocol: TCP
	Port: 20002 Protocol: UDP
System Requirements	Internet Explorer 11+, Firefox 12.0+, Chrome 20.0+, Safari 4.0+, or other JavaScript-enabled browser
	Cable or DSL Modem (if needed)
	Subscription with an internet service provider (for internet access)
Certifications	CE, FCC, RoHS
Environment	Operating Temperature: 0degreesC~40degreesC (32degreesF ~104degreesF)
	Operating Humidity: 10%~90% non-condensing

FAQ

What is the TP-Link Archer GE230?

The TP-Link Archer GE230 is a BE3600 dual-band Wi-Fi 7 gaming router designed for high-speed wireless networking, online gaming, streaming and multi-device home networks.

What wireless speed does the Archer GE230 support?

The Archer GE230 supports up to 3600 Mbps combined wireless speed, with up to 2882 Mbps on 5 GHz and 688 Mbps on 2.4 GHz.

Does the Archer GE230 support Wi-Fi 7?

Yes. The Archer GE230 supports Wi-Fi 7 and features including Multi-Link Operation, 4K-QAM and Multi-RUs. Compatible client devices are required to use corresponding Wi-Fi 7 features.

Is the Archer GE230 suitable for online gaming?

Yes. It includes a dedicated 5 GHz gaming band, 2.5 Gbps gaming port, Turbo Game Acceleration, game application acceleration, gaming device acceleration and game server acceleration.

How many 2.5 Gbps ports does the Archer GE230 have?

The Archer GE230 has 2 x 2.5 Gbps Ethernet ports consisting of 1 x 2.5 Gbps WAN port and 1 x 2.5 Gbps LAN port.

Does the Archer GE230 support EasyMesh?

Yes. The Archer GE230 is EasyMesh compatible and can work with compatible EasyMesh routers and range extenders to create a whole-home mesh Wi-Fi network.

Does the Archer GE230 have USB connectivity?

Yes. It has 1 x USB 3.0 port supporting NTFS, exFAT, HFS+ and FAT32 storage formats, with FTP Server, Media Server and Samba Server functions.

Does the Archer GE230 support VPN?

Yes. The router supports OpenVPN, PPTP, L2TP and WireGuard VPN client and server functions.

Can the Archer GE230 be used with older Wi-Fi devices?

The router supports multiple Wi-Fi generations, while Wi-Fi 7-specific functions require compatible client devices.

How is the Archer GE230 managed?

The router can be managed using the TP-Link Tether app or through its web management interface.

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx.co.za/NET-ARCHER-GE230-TP-Link-Archer-GE230-BE3600-Dual-Band-Wi-Fi-7-Gaming-Router-p-340458.php

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