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TP-Link | Archer VR2100 | AC2100 Wireless MU-MIMO Gigabit VDSL/ADSL Modem Router

Product Images

TP-Link | Archer VR2100 | AC2100 Wireless MU-MIMO Gigabit VDSL/ADSL Modem Router

As a powerful DSL modem router, the Archer VR2100 supports super-fast VDSL broadband of up to 350 Mbps, as well as a variety of other connection types. The LAN/WAN port accepts connection from Cable Modem or Fiber Modem, and the USB port supports a 3G/4G dongle connection for a perfect main or backup internet connection

FEATURES

- **Ultra-Fast Speed** –Surpasses the Wi-Fi speed limits of the previous generation, reaching up to 1733 Mbps on 5 GHz and 300 Mbps on 2.4 GHz
- **4×4 MU-MIMO** – Simultaneously transfers data to multiple devices for 4x faster performance
- **Whole-Home Coverage with OneMesh™** – Co-works with TP-Link OneMesh products to create a flexible and cost-efficient Mesh network
- **Lightning-Fast Wired Connection** – USB 3.0 port and four Gigabit Ethernet ports run up to 10x faster than the previous generation to unleash your home entertainment
  TP-Link Tether App – Easily access and manage your network, including remote control and automatic updates, using any iOS or Android mobile device.

HIGHLIGHTS

Super VDSL Technology

Super VDSL (VDSL2 Profile 35b) is the next generation of VDSL technology with download speeds up to 350 Mbps. The Archer VR2100 is also backward compatible with the VDSL /ADSL standard and always provides the highest possible speed.

Media Sharing

One USB port can connect an external storage device to share files, photos, and videos at high-speed.

MU-MIMO: Efficient Wi-Fi for Every Device

MU-MIMO technology serves up to four devices at once, reducing wait time, increasing Wi-Fi throughput for every device, and making each stream more efficient.

Full Gigabit Ports

4 Gigabit LAN ports help wired devices achieve peak performance for HD streaming and gaming.

SPEED

- **Ultimate Wireless Speed** – Combined wireless speeds of up to 300 Mbps (over 2.4 GHz) and 1733 Mbps (over 5 GHz)
- **Fast Gigabit Ports** – Fast Gigabit ports for rapid, reliable wired connections to computers, TVs, and game consoles
- **4 x 4 MU-MIMO Technology** – Simultaneously exchanges data with several devices, achieving speeds that are 4x faster than standard AC routers

Wi-Fi RANGE

- **Superior Coverage** – 3 external dual-band antennas and 1 internal 5 GHz antenna provide superior Wi-Fi coverage all across your home.
- **Wi-Fi with Beamforming** – Beamforming technology locates the connected devices and further improves the range and the signal strength to each mobile device, delivering a more reliable and efficient wireless connection

RELIABILITY

- **Dual-Band** – Separate Wi-Fi bands enable more devices to connect to your network without a drop in performance
- **Quality of Service** – Prioritize network traffic by device or application

EASE OF USE

- **Intuitive Web UI** – Ensures quick and simple installation without hassle
- **Hassle-free Management with Tether App** – Network management is made easy with the TP-Link Tether App, which is available on any Android or iOS device
- **Fast Connection** – Connect wireless devices securely with the press of WPS button
- **Easy On/Off** – Turn On/Off power with the Power On/Off button
- **Wireless Schedule** – Wireless Schedule lets you turn the Wi-Fi radio on or off based on a preset timetable

SECURITY

- Guest Network – Keeps your main network secure by creating a separate network for friends and visitors
- Access Control – Establish a whitelist or blacklist to allow or block certain devices from accessing the internet
- Parental Controls – Manage when and how connected devices can access the internet
- VPN Server – OpenVPN, PPTP VPN, and IPSec VPN are supported, making it easy to set up a secure connection between your private network and the internet
- Firewall Security – Supports DoS, SPI Firewall, IP/MAC Address Binding, Service Filtering, IPv6 Firewall

EASY SHARING

- USB Port for Fast Sharing – Allows USB access to share your files and media locally and remotely
- Built-in Media Server – Allows you to play music, watch videos and view photos from any device on your network

SPECIFICATIONS

HARDWARE

- Ethernet Ports: 3 Gigabit LAN Ports, 1 Gigabit LAN/WAN Port, 1 RJ11 Port, 1 USB Port
- Button: WPS Button, Reset Button, Power On/Off Button, Wi-Fi Button, LED On/Off Button
- External Power Supply: 12V/1.5A
- Dimensions (W x D x H): 8.5 × 6.5 × 1.4 in (216 × 164 × 36.8 mm)
- IEEE Standards: IEEE 802.3, IEEE 802.3u, 802.3ab
- VDSL2 Standards: ITU G.993.2, Up to 35b profile (POTS)
    - ITU-T G.993.5 (G.vector)
    - ITU-T G.998.4 (G.INP)
- ADSL Standards: Full-rate ANSI T1.413 Issue 2,
    - ITU-T G.992.1(G.DMT),
    - ITU-T G.992.2(G.Lite),
    - ITU-T G.994.1 (G.hs),
- ADSL2 Standards: ITU-T G.992.3 (G.DMT.bis)
- ADSL2+ Standards: ITU-T G.992.5
- Antenna Type: 3 External Dual-Band Antennas + 1 Internal 5 GHz Antenna

WIRELESS

- Wireless Standards: IEEE 802.11ac/n/a 5 GHz, IEEE 802.11b/g/n 2.4 GHz
- Frequency: 2.4 GHz and 5 GHz
- Signal Rate: 1733 Mbps on 5 GHz, 300Mbps on 2.4 GHz
- Transmit Power: <20dBm (2.4 GHz), <23dBm (5 GHz)
- Wireless Function: Enable/Disable Wireless Radio, Wireless Statistics
- Wireless Security: 64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA-PSK2 encryptions
- Wireless Schedule: Support 2.4 GHz and 5 GHz Wireless Schedule

SOFTWARE

- Operation Modes: VDSL/ADSL Modem Router, 3G/4G Router, Wireless Router
- DHCP: Server, Client, DHCP Client List, Address Reservation, DHCP Relay
- Port Forwarding: Virtual Server, Port Triggering, DMZ, ALG, UPnP
- Dynamic DNS: DynDns, NO-IP, TP-Link
- VPN: OpenVPN, PPTP VPN, IPSec VPN
- ATM/PPP Protocols: ATM Forum UNI3.1/4.0, PPP over ATM (RFC 2364), PPP over Ethernet (RFC2516), IPoA (RFC1577/2225), MER\IPoE (RFC 1483 Routed), Bridge (RFC1483 Bridge), PVC – Up to 8 PVCs
- Security: NAT Firewall, SPI Firewall, Access Control, Service Filtering, Denial of Service (DoS), SYN Flooding, Ping of Death, IP and MAC Address Binding
- Advanced Functions: Parental Controls, Network Address Translation (NAT), Static Routing, RIP v1/v2 (optional), DNS Relay, DDNS, IGMP V1/V2/V3
- Management: Web Based Configuration (HTTP / HTTPS), Remote management, Command Line Interface, SSL for TR-069, SNMP v1/2c, Firmware Upgrade, Diagnostic Tools, Free Online Firmware Update
- Guest Network: 2.4 GHz Guest Network, 5 GHz Guest Network
- IPSec VPN: Supports up to 10 IPSec VPN tunnels
- Protocols: Supports IPv4 and IPv6

OTHERS

- **Certification:**
  - CE, RCM, RoHS
- **System Requirements:**
  - Microsoft Windows 98SE, NT, 2000, XP, Vista™ or Windows 7, 8, 8.1, 10,
  - Mac OS, NetWare, UNIX or Linux
  - Internet Explorer 11, Firefox 12.0, Chrome 20.0, Safari 4.0, or other Java-enabled browser. Subscription with an internet service provider (for internet access)

- **Environment**
  - Operating Temperature: 0℃~40℃ (32℉ ~104℉)
  - Storage Temperature: -40℃~70℃ (-40℉ ~158℉)
  - Operating Humidity: 10%~90% non-condensing
  - Storage Humidity: 5%~90% non-condensing
- **Package Contents**
  - DSL Modem Router
  - External Splitter
  - RJ11 DSL Cable
  - RJ45 Ethernet Cable
  - Power Adapter
  - Quick Installation Guide

WARRANTY

3-year limited warranty