



AX3000  
ADSL2/VDSL2+ **WI-FI 6**

**TW116A**

Modem Router



**ONE MESH**  
Whole Home Wifi



**WI-FI 6**  
AX3000



# AX3000 **WI-FI 6** ADSL2/VDSL2+ TW116A



## Wi-Fi 6 AX3000

Perfect for 4K streaming, VR gaming, video calling and keeping all your smart home devices connected.



## Wi-Fi Auto Connect

Seamlessly connects your devices to the strongest signal as you move from room to room.



## OFDMA

Perfect for Smart Homes filled with bandwidth hungry IoT devices battling for bandwidth.



## Smart Steering

Automatically steers your devices to the optimal wireless band, ensuring you're always connected to fast, reliable Wi-Fi.



## Profile-based Parental Controls

Assign devices to profiles to individually block websites, set schedules for access

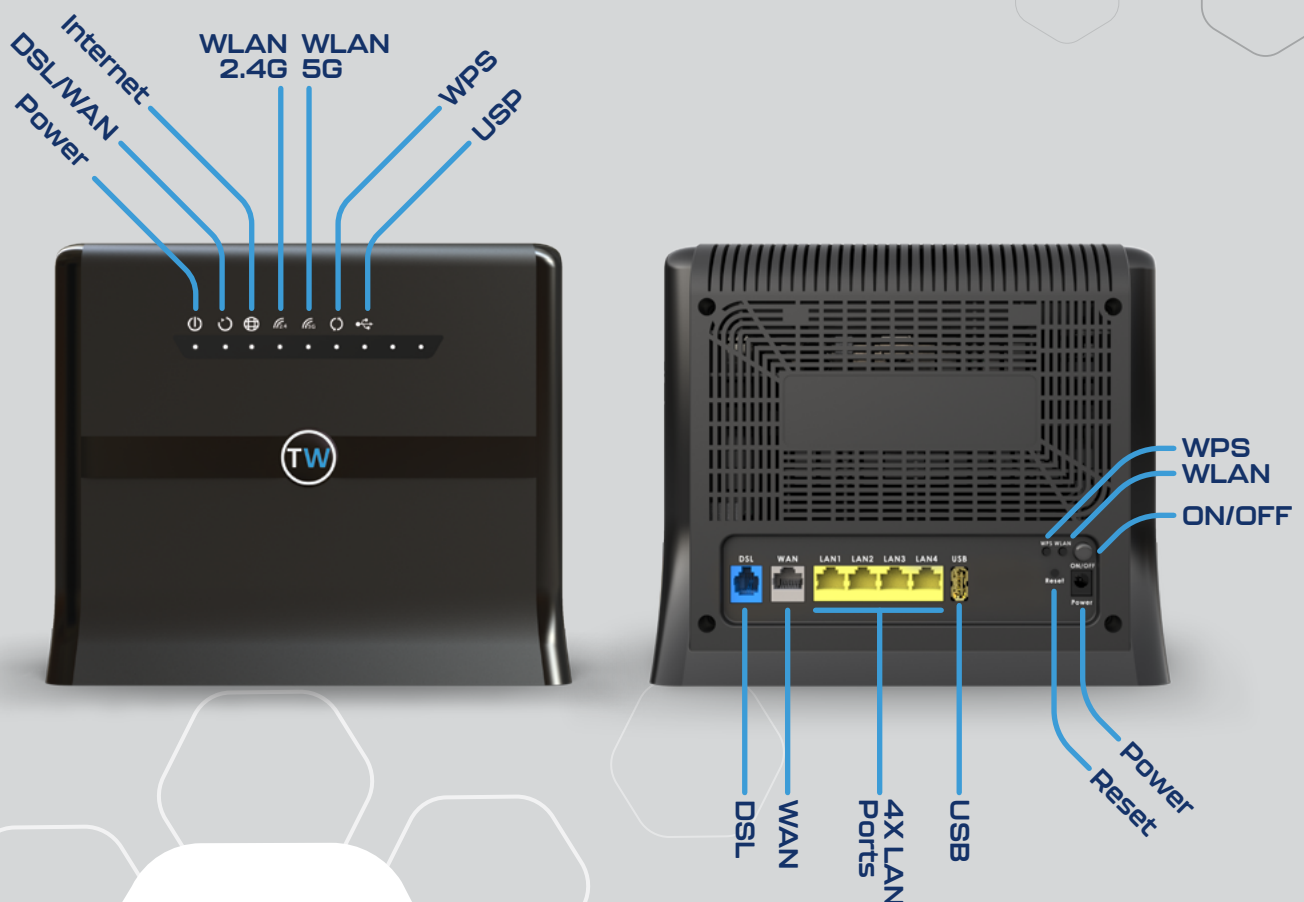
- **Wi-Fi 6 (802.11ax) technology** provides faster speeds, greater capacity and less network congestion.
- **Wi-Fi speeds up to 3 Gbps** built for the modern device-dense smart home.
- **Dual-band Wi-Fi** makes 4K streaming, gaming and video chatting a breeze.
- **4 Gigabit Ethernet LAN ports and 1 Gigabit Ethernet WAN port** provide optional wired connectivity.
- **BSS coloring** helps organize data packets, making your network more efficient and improving overall Wi-Fi 6 performance.

## Easy to Set Up

Sharing your Internet connection doesn't have to be a complicated process - just open a web browser to access Router, a user- friendly graphical web interface. The setup wizard's easy to use step- by-step instructions will have your network up and running in minutes.

Implement the latest Wi-Fi security with 128-bit encryption in minutes with the setup wizard, or use Wi-Fi Protected Setup (WPS), which establishes a connection to new devices with the touch of a button.

# AX3000 WI-FI 6 ADSL2+/VDSL2+ TW116A



## Technical Specifications

### General

Chipset	Main Chipset VSBM350		WIFI 6 Chipset TR5220	
Device Interfaces	●IEEE 802.11 ax/ac/n/g/b wireless LAN ●1 x 10/100/1000 Gigabit WAN port ●1 x RJ-11 xDSL port		●4 x 10/100/1000 Gigabit LAN ports ●1 x USB 2.0 port	
Button	One Power on/off button One reset button		One WPS on/off button One WLAN on/off button	
LEDs	●Power ●1WAN ●WPS	●Internet ●WLAN 2.4 GHz	●Broadband ●WLAN 5 GHz	●4LAN ●USB
Antenna Type	Four internal antennas			
Standards	IEEE 802.11a/b/g/n/ac/ax			
ADSL Features	T1.413i2, G.992.1, G.dmt, G.992.2, G.lite, G.992.3 (ADSL2), G.992.5 (ADSL2+), Annex L (Reach Extended ADSL2), Annex M (Reach Extended ADSL2+)			
VDSL Features	ITU-T G.993.5 VDSL2, 8a, 8b, 8c, 8d, 12a, 12b, 17a,35b profiles, G.vector, G.INP, multiple PVCs			
Wi-Fi Specification	Rate: 2.4GHz: 300Mbps (MIMO 2x2) Antenna: 2.4GHz 3dBi Internal, IEEE 802.11a/b/g/n/ac/ax		5GHz: 867Mbps (MIMO 2x2) 5GHz 3dBi Internal	
Number of Concurrent Users	64(32x2.4GHz - 32x5GHz), (MU-MIMO)			
Minimum Requirements	Windows 10/8.1/8/7/Vista or Mac OS X 10.6 or higher, Supports Internet Explorer 10/Firefox 28.0/Chrome 28.0/Safari 6.0 and up, Network Interface Card			
Functionality				
Encryption	●WEP ●WPA/WPA2 (Personal/Enterprise)		●WPA3 (Personal) ●WPS (PBC)	
Advanced Features	●Web setup wizard ●Wi-Fi client smart adjustment ●Stateful Packet Inspection (SPI) ●Guest Wi-Fi network		●Router, Access Point, Repeater, Client modes ●Periodic scan of channels, automatic switch to least loaded channel	
Router/Bridge Features	●IEEE 802.1D transparent bridge & basic spanning tree ●MAC encapsulation routing/IPoE ●DHCP client/server	●PPPoE (RFC 2516) ●Network Address Translation (NAT) ●DNS proxy/dynamic DNS ●IGMP v1, v2, v3	●PPPoA (RFC 2364) ●NAT virtual server (port forwarding) ●Static/Policy route ●IPv4/IPv6	
TR069	Support	SNMP	Support	
L2/L3 Firewall	Support	DMZ	Support	
SSH/Telnet	Support	PPTP, L2TP VPN client	Support	
Web based Management - GUI	Support			
Physical				
Case	ABS Material, Plastic case	Dimensions	220 x 200 x 36 mm	
Weight	450 g (0.55 lbs)	Certifications	CE	
Power Adapter	Input: 100 to 240 V AC, 50/60 Hz	Output:	12 V DC 1.5 A	
Temperature	Operating: -35 to 75 °C		Storage: -40 to 85 °C	
Humidity	Operating: 10% to 90% non-condensing		Storage: 5% to 95% non-condensing	
Order Information				
Model Number	TW116A			
Description	AX3000 Wi-Fi 6 ADSL2/VDSL2+ Modem Router			

- The TW116A may not support all of the mandatory features, established in Wave 1 of the IEEE 802.11ax specifications.
- Maximum wireless signal rate derived from IEEE Standard 802.11ax specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, may lower actual data throughput rate. Environmental factors will adversely affect wireless signal range.

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