

AC1200 Wireless Gigabit VDSL/ADSL Modem Router

Model: MB430-DSL

EasyMesh
Compatible

V35b
Super VDSL
Supports 350 Mbps
VDSL Access®



Highlights

- 300 Mbps (2.4 GHz) and 867 Mbps (5 GHz) Connection*
- Fast Gigabit Ports and USB 2.0 Port
- Wi-Fi Protected Setup WPS Button
- Hassle-Free Installation



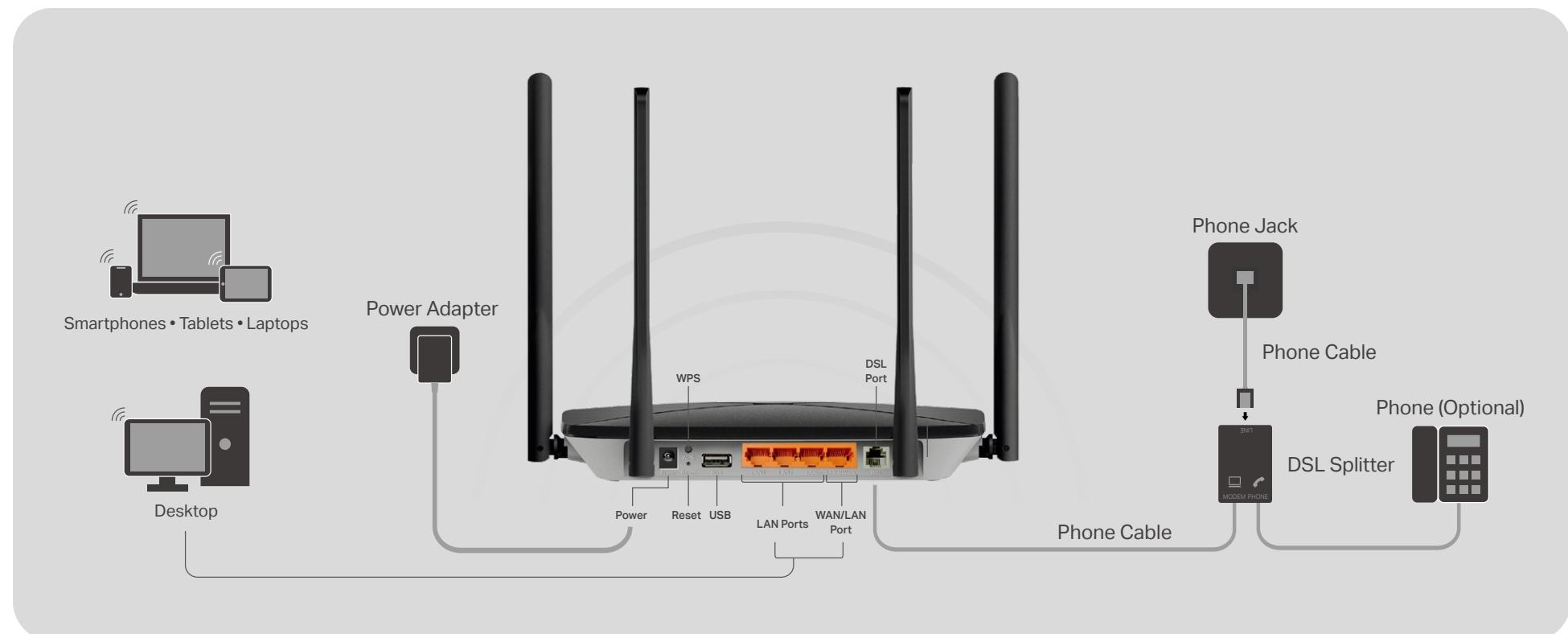
Easy App Control



GET IT ON
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Super VDSL Technology (VDSL2 Profile 35b)

The MB430-DSL is equipped with Super VDSL (VDSL2 Profile 35b), representing the latest advancement in DSL technology. It offers downstream speeds of up to 350 Mbps, making it 3.5 times faster than its VDSL2 predecessor. Its compatibility with leading Internet Service Providers ensures optimal IP-based connections for any household. Additionally, the integrated DSL port supports all standard DSL connections. The MB430-DSL is also compatible with ADSL2+, ADSL2 and ADSL connections.



// Specifications

Hardware

Ports

1x 10/100/1000 Mbps WAN/LAN + 3x10/100/1000 Mbps LAN +
1x RJ11 + USB 2.0

Button

Reset Button, WPS Button

External Power Supply

12V/1A

Dimensions

222 × 140 × 32 mm (8.74×5.51×1.26 inches)

Antennas

4× Fixed Omni Directional Antennas

VDSL2 Standards

ITU G.993.2, Up to 17a /30a/35b profile
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

Wireless

Signal Rate

300 Mbps on 2.4 GHz, 867 Mbps on 5 GHz

Wireless Standards

IEEE 802.11ac/n/a 5 GHz
IEEE 802.11b/g/n 2.4 GHz

Frequency

2.4 GHz, 5 GHz

Transmit Power

2.4 GHz ≤ 20 dBm (EIRP)
5 GHz ≤ 23 dBm (EIRP)

Wireless Function

Enable/Disable Wireless Radio, WMM, Wireless Statistics

Wireless Security

64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK, WPA3
encryptions

// Specifications

Software

Operation Modes

VDSL/ADSL Modem 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, MERCUSYS

ATM/PPP Protocols

ATM Forum UNI3.1/4.0, PPP over ATM (RFC 2364), PPP over Ethernet (RFC2516), IPoA (RFC1577/2225), MERIPoE (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

VPN

OpenVPN, PPTP VPN, IPSec VPN

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

Protocols

IPv4, IPv6

Guest Network

2.4 GHz Guest Network, 5 GHz Guest Network

Advanced Functions

Parental Controls, Network Address Translation (NAT), Port Mapping (Grouping), Static Routing, RIP v1/v2 (optional), DDNS, IGMP V1/V2/V3

Others

Certification

CE, RoHS

Environment

Operating Temperature: 0°C~40°C (32°F~104°F)

Operating Humidity: 10%~90% Non-Condensing

Storage Humidity: 5%~90% Non-Condensing

Package Contents

- AC1200 VDSL/ADSL Modem Router MB430-DSL
- Power Adapter
- Quick Installation Guide
- RJ45 Ethernet Cable
- RJ11 DSL Cable
- External Splitter

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*Maximum wireless signal rates are the physical rates derived from IEEE Standard 802.11 specifications. Actual wireless data throughput and wireless coverage, and quantity of connected devices are not guaranteed and will vary as a result of network conditions, client limitations, and environmental factors, including building materials, obstacles, volume and density of traffic, and client location.

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