

## AZ7628

### 300Mbps Wireless Dual Band Router



## Features

- Support WPA-PSK/WPA2-PSK and other security mechanisms ;
- Simplify the wizard settings, step by step to complete the Internet settings ;
- Using 11N technology, wireless rate up to 300Mbps, Wi-Fi coverage without dead angle ;
- Humanized router status indicator, the first time to know where the problem lies ;

## Specifications

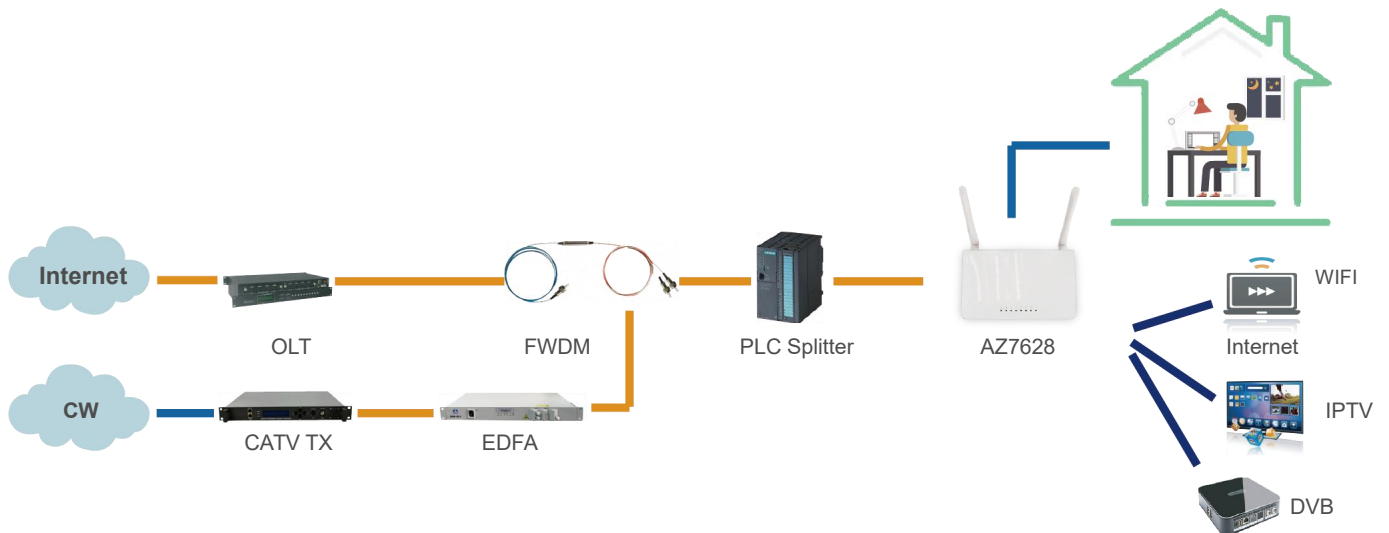
### Main Chip Specifications

CPU	MTK7628N
Chip model	MTK7628N 580MHz
FLASH	NAND FLASH 128Mbi
SDRAM	512Mbit
Wifi Chip	MTK7628N

Specifications	
Network Protocol Specifications	<ul style="list-style-type: none"> <li>● 802.3 10 Base T Ethernet</li> <li>● 802.3u 100 Base TX fast Ethernet</li> <li>● ANSI/IEEE 802.3 NWay auto-negotiation</li> <li>● 802.11b/g/n Wireless LAN 300Mbps</li> </ul>
Compatibility	<ul style="list-style-type: none"> <li>● All Wi-Fi certified wireless adapters Support all operation systems</li> </ul>
Interface	<ul style="list-style-type: none"> <li>● WAN: 1 x 10/100 auto MDI/MDI-X RJ-45 ports</li> <li>● LAN: 4 x 10/100 auto MDI/MDI-X RJ-45 ports</li> <li>● Wireless: 2x 3 dbi internal antennas</li> <li>● Power supply: 12 V DC, 0.5 A</li> <li>● Button:1 x Reset</li> </ul>
WAN Networking	<ul style="list-style-type: none"> <li>● Static IP WAN connection</li> <li>● DHCP client WAN connection</li> <li>● PPPoE WAN connection</li> </ul>
Wireless	<ul style="list-style-type: none"> <li>● Up to 300 Mbps with auto fall back with IEEE 802.11b/g/n channel:1~11 (USA, Canada) ; 1~13 (Europe) ; 1~14 (Japan)</li> <li>● Support up to 4 ESSID</li> <li>● WPA/WPA2, 64/128 bit WEP data encryption</li> </ul>
Frequency Band	<ul style="list-style-type: none"> <li>● 2.4 GHz frequency band</li> </ul>
LAN	<ul style="list-style-type: none"> <li>● DHCP Server</li> <li>● DHCP Pools</li> <li>● Reserverd IP Address</li> <li>● DNS Proxy.</li> <li>● DHCP Relay</li> <li>● 16 Clients UP</li> </ul>
Management	<ul style="list-style-type: none"> <li>● Web based Configuration</li> <li>● Web based Firmware upgrade</li> <li>● Universal Plug and Play (UPnP)</li> <li>● DDNS</li> <li>● System Logs</li> <li>● Access Control</li> <li>● Date/time update from SNTP Internet Time Server</li> </ul>
Security	<ul style="list-style-type: none"> <li>● Basic firewall</li> </ul>
Environment Requirements	<ul style="list-style-type: none"> <li>● Operating Temperature: 0°C - 40°C (32F° - 104F°)</li> <li>● Storage Temperature: -40°C - 70°C (-40F° - 158F°)</li> <li>● Operating Humidity: 10% - 95%, non-condensing</li> <li>● Storage Humidity: 5% - 95%, non-condensing</li> <li>● Power adapter input: 100V - 240V AC, 50/60Hz</li> <li>● Power adapter output: DC 12V/1.5A</li> <li>● Power dissipation: 18W</li> </ul>

EMC and Safety	Regulatory: FCC Compliance: CE Safety Regulations: UL Green Standard: RoHS
Product Size	186X127X180 mm (length X width X height)
Warranty Clause	12month

## Applications



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### **AZROAD TECHNOLOGY COMPANY LTD.**

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