ARTIC
TECH

WIFI

ENTERPRISE

Smart Home

Our Residential WiFi solution is designed to offer a superior connectivity experience at home. It incorporates the latest technology to guarantee speed, coverage, and stability.

We use the following equipment:

WiFi 6: The latest generation of Wi-Fi technology, which provides greater speed, efficiency, and capacity to handle multiple devices connected simultaneously, ideal for homes with high bandwidth consumption.

Access Point Mesh: A system of interconnected access points that create a unified Wi-Fi network throughout the home, eliminating dead zones and ensuring a strong and consistent signal in every corner.

ONT XG-PON: An Optical Network Terminal that enables state-of-the-art fiber optic connection, guaranteeing ultra-fast internet speeds and the ability to handle a large volume of data, essential for the optimal functioning of WiFi 6 and the Mesh system.

WIFI

HOME

ARTIC TECH

Dual Band Mesh Router

Characterictics

- Ultra-fast Dual-band Gigabit Wireless Network Access.
- IPv6 Dramatically Increases Data Forwarding Rate and Reduces latency.
- Easy Mesh Networking, High-speed Wireless Network Coverage for the Whole Family.
- Wireless router for small and medium-sized businesses and home Wi-Fi coverage.
- Fast network speed, stable and smooth, wide coverage, strong security and easy operation.
- 867Mbps on 5GHz and 300Mbps on 2.4GHz band.
- Smart Mesh
- Wireless roaming

Ceiling Access Point

Characterictics

- 1*FE WAN
- 1 * LAN FE
- Support 2.4GHz 300Mbps wireless connection.
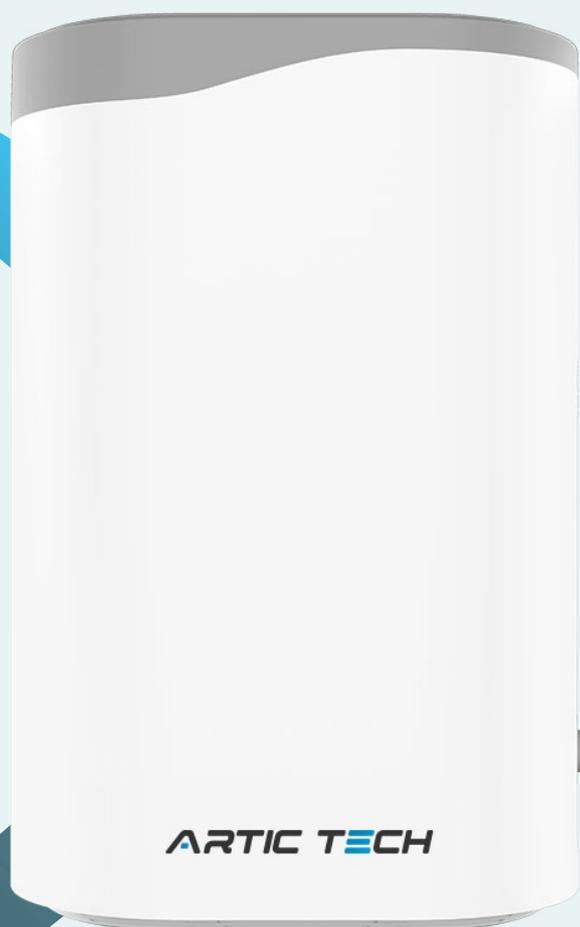- Support the integration of fat and thin.

Ceiling Access Point

Characterictics

- 1*GE WAN
- 1*GE LAN
- Support 2.4GHz+5GHz 1200Mbps wireless connection.
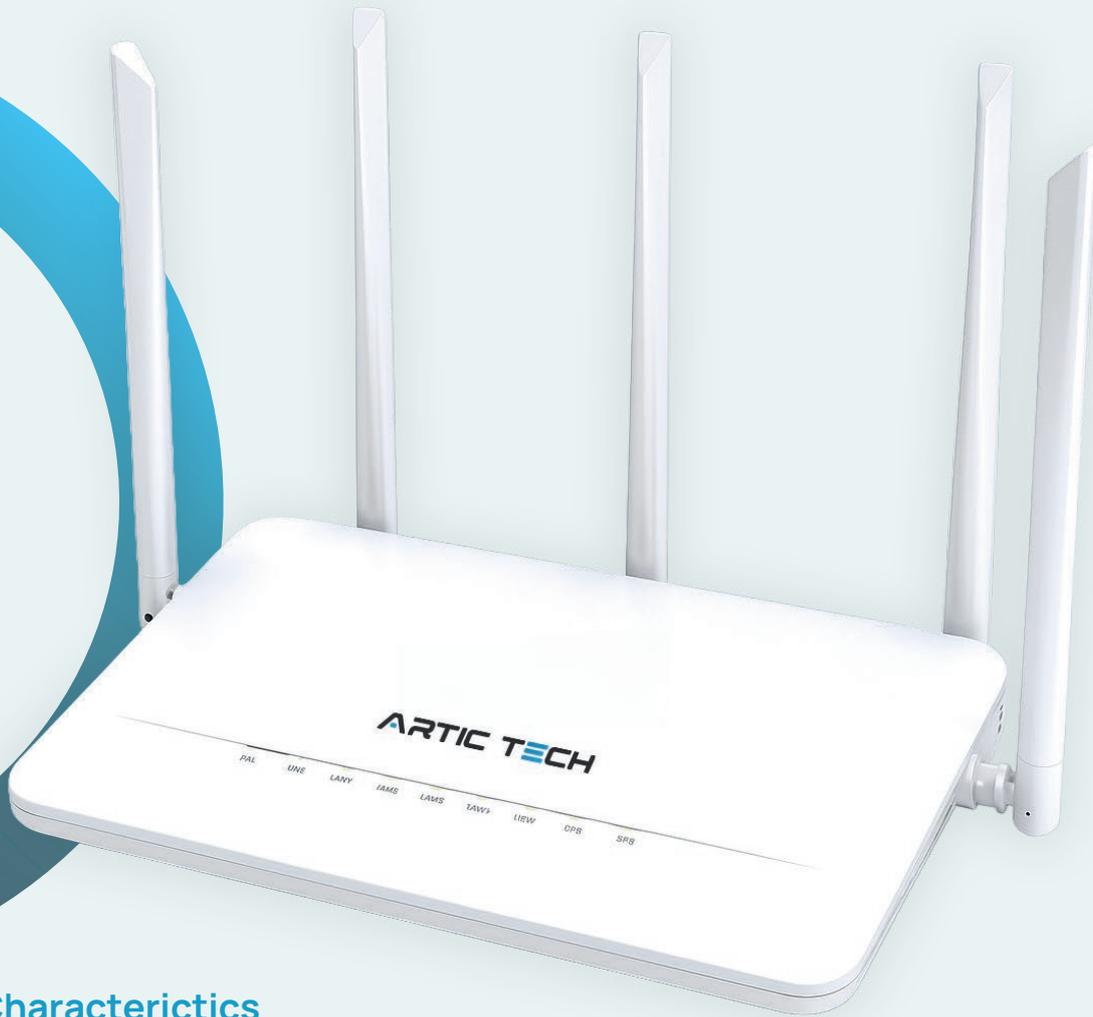- Support the integration of fat and thin.

MESH Router

Characterictics

- Large Bandwidth 160 MHz
- Flexible Switching Mode
- Lower Latency OFDMA technology
- WiFi 6 standard, AX3000 dual-band wireless signal.
- Qualcomm chip, supports seamless roaming, supports 128 devices.
- MIMO 2×2 (2.4GHz) + 2×2 (5GHz) for a total of 4 streams.
- 1×Gigabit WAN port + 3×Gigabit LAN ports.
- Support MESH networking to create whole-house WiFi coverage.
- Support parental management/VPN/IPv6/TR069
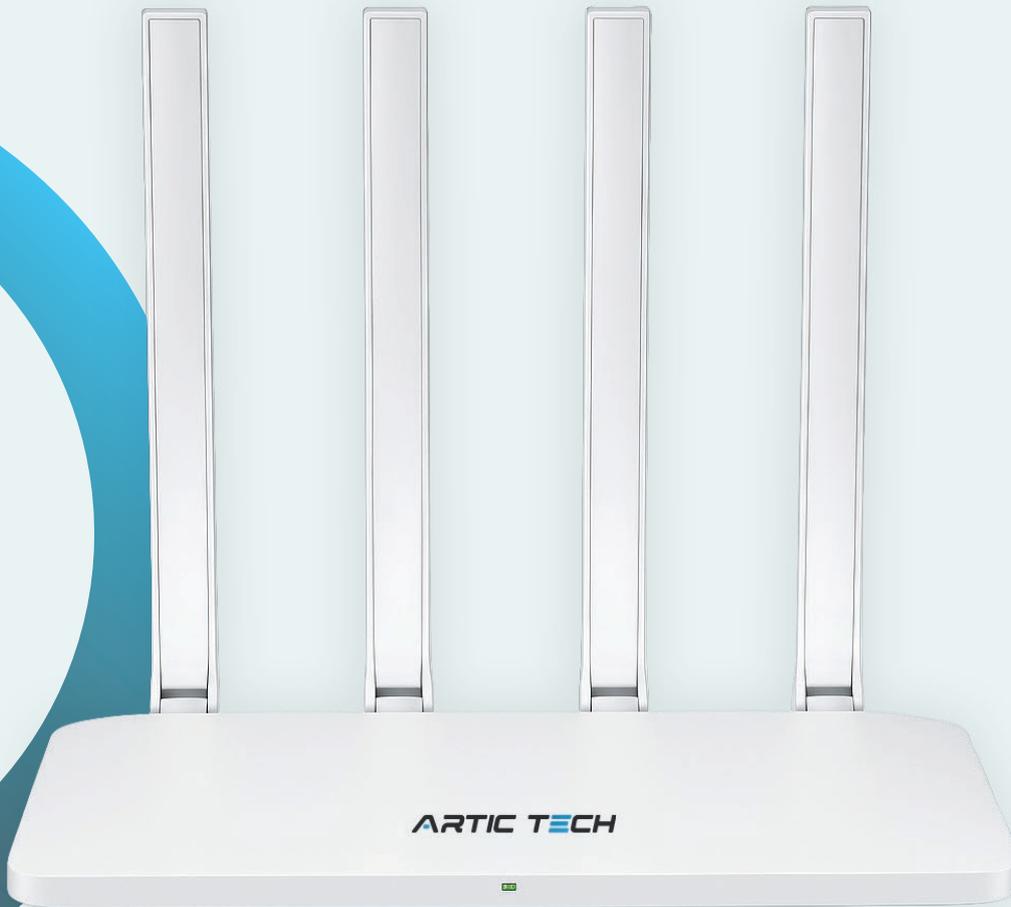- Support cloud platform/APP management and customized software development.

Wireless Router

Characterictics

- 3*1000Mbps LAN Ports.
- 1*1000Mbps WAN Port.

Wireless Router

Characterictics

- 3*1000Mbps LAN Ports.
- 1*1000Mbps WAN Port.
- 1*RST/WPS
- 12V DC/1A

Optical Network Terminal

Characterictics

- XPON AR-4460-M WIFI6 ONT provide triple-play services to the subscribers in FTTx application.
- Equipped with 1.25&2.5Gbps Downstream and 1.25Gbps Upstream.
- GPON Upstream 1.244Gbps, Downstream 2.488Gbps
- Wavelength: Tx 1310nm, Rx 1490nm
- WiFi, 5dBi external antennas, 3000Mbps, MIMO2x2

Wireless Ceiling Access Point

Characterictics

- WiFi 6 standard, 1501Mbps dual-band wireless rate.
- Support seamless roaming, 64 devices.
- 2×2 (2.4GHz) + 2×2 (5GHz) total 4 streams.
- Provides 1×Gigabit WAN port+1×Gigabit LAN port.
- Support standard PoE and DC power supply, fat and thin in one.
- Support ceiling or wall mounting, simple and easy to operate.
- Support cloud platform/APP operation and maintenance, easy to maintain.
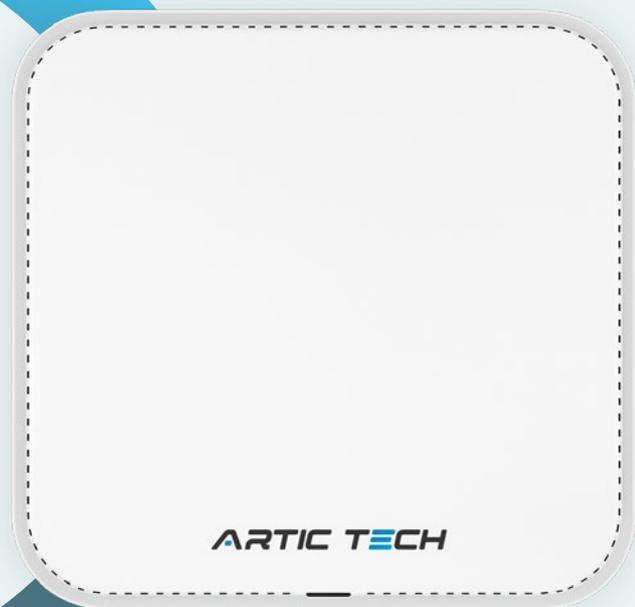
WIFI

CORPORATE

ARTIC
TECH

Dual Band Mesh Router

Characterictics

- Wireless router for small and medium-sized businesses and home Wi-Fi coverage.
- Fast network speed, stable and smooth, wide coverage, strong security and easy operation.
- Wi-Fi with high performance for 2.4GHz and 5GHz dual-band.
- Smart Mesh.
- Wireless roaming.
- Ultra-fast Dual-band Gigabit Wireless Network Access.
- IPv6 Dramatically Increases Data Forwarding Rate and Reduces Latency.
- Easy Mesh Networking, High-speed Wireless Network Coverage for the Whole Family.

Ceiling Access Point

Characterictics

- Dual-band wireless signal.
- Commercial-grade Qualcomm solution.
- High-density deployment.
- 128 devices.
- 2×2 (2.4 GHz) + 2×2 (5 GHz), total 4 streams.
- Provides 2 Gigabit network ports.

Ceiling Access Point

Characterictics

• 1 × GE WAN
• 1 × GE LAN
• Supports 2.4 GHz + 5 GHz wireless connection up to 1800 Mbps.

Router MESH

Characterictics

- WiFi 7 standard, providing tri-band WiFi.
  2.4 GHz: 688 Mbps or higher
  5 GHz: 4323 Mbps or higher
  6 GHz: 5764 Mbps
- Qualcomm chip, supports seamless roaming and is compatible with up to 192 devices.
- 2×2 MIMO (2.4 GHz) + 2×2 (5 GHz) + 2×2 (6 GHz), total of 6 streams.
- 1× 10G optical port (SFP+) + 2× 2.5G network ports + 1× USB port.
- Supports MESH networks to provide whole-home WiFi coverage.
- Supports parental control / VPN / IPv6 / TR-069.
- Supports cloud-based platform/app management and custom software development.

Dual-Band Router

Characterictics

• Speed: up to 3 Gbps with 1600 MHz
• 1024-QAM
• Dual Band - WiFi 6
• 6 Antennas.
• 256 M RAM supports up to 128 Devices.
• 4 Gigabit Ports.

Optical Network Terminal

AR-4360

Characterictics

- WIFI6 ONT provide triple-play services to the subscribers in FTTx application.
- Equipped with 1.25&2.5Gbps Downstream and 1.25Gbps Upstream XPON interface.
- GPON Upstream 1.244Gbps, Downstream 2.488Gbps
- Wavelength: Tx 1310nm, Rx 1490nm
- WiFi, 5dBi external antennas, 3000Mbps, MIMO4x4
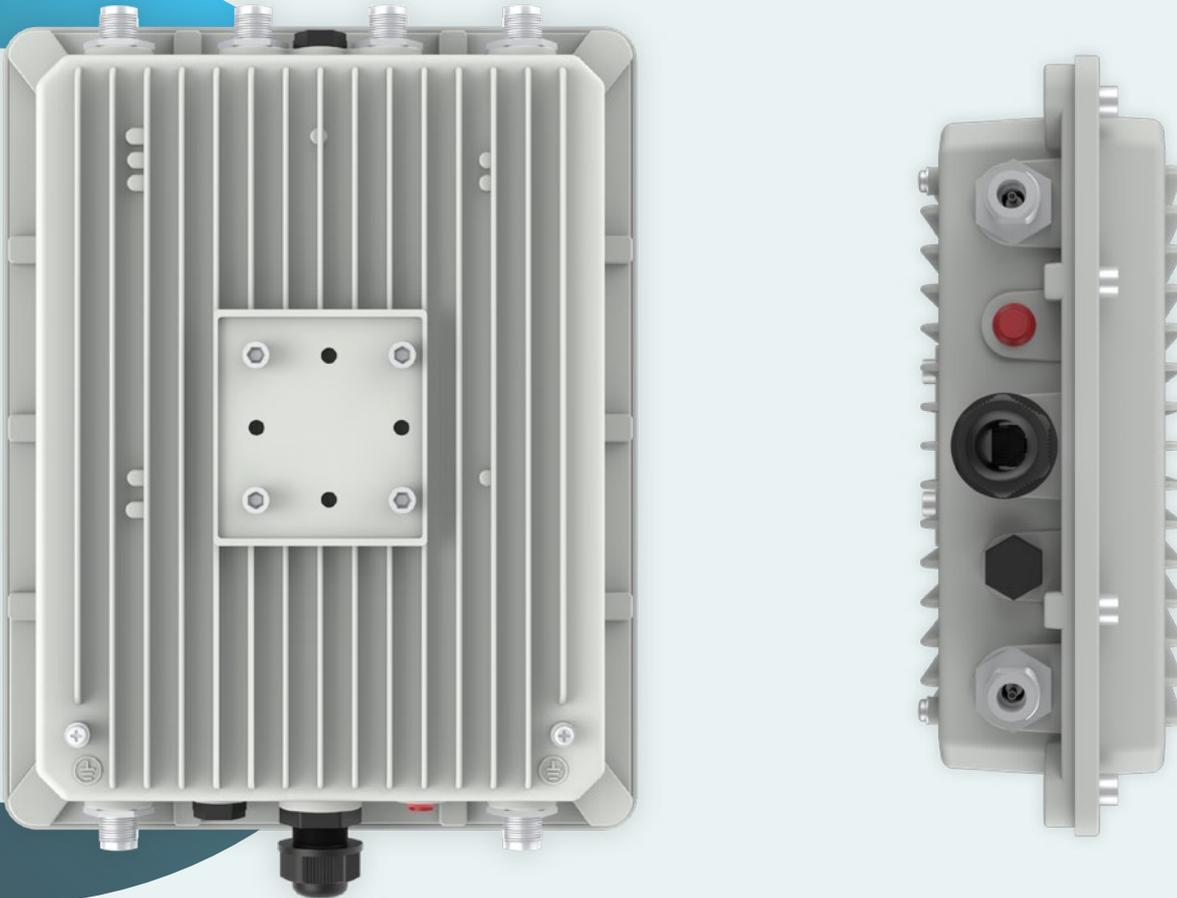
Optical Network Terminal

AR-4460

Characterictics

- AR-4460 WIFI6 ONT provide triple-play services to the subscribers in FTTx application.
- Equipped with 1.25&2.5Gbps Downstream and 1.25Gbps Upstream XPON interface.
- GPON Upstream 1.244Gbps, Downstream 2.488Gbps
- Wavelength: Tx 1310nm, Rx 1490nm

Outdoor Wireless Access Point

Characterictics

- WiFi 6 standard, providing 2.4GHz/5GHz/6GHz triple-band 8200Mbps wireless rate.
- 6 fiberglass omnidirectional antennas, coverage distance > 150 meters.
- 2×2 (2.4GHz) + 4×4 (5GHz) + 2×2 (6GHz), a total of 8 streams.
- Commercial-grade Qualcomm solution, with a maximum of 256 users connected.
- Provides 1×2.5G network port.
- Metal aluminum shell, IP67 protection, -40°C to 70°C wide operating temperature.
- Support PoE power supply, support pole/wall mounting.
- Support cloud platform/APP operation and maintenance, easy to maintain.

Outdoor Wireless Access Point

Characterictics

• WiFi 6 standard, providing 2.4GHz/5GHz dual-band 3000Mbps wireless rate.
• 4 fiberglass omnidirectional antennas, coverage distance > 150 meters.
• 2×2 (2.4GHz) + 2×2 (5GHz), a total of 4 streams.
• Commercial-grade Qualcomm solution, with a maximum of 128 users connected.
• Provides 1×2.5G network port.
• Metal aluminum shell, IP67 protection, -40°C to 70°C wide operating temperature.
• Support PoE power supply, support pole/wall mounting.
• Support cloud platform/APP operation and maintenance, easy to maintain.

Outdoor Wireless Access Point

Characterictics

- WiFi 7 standard, providing 2.4GHz(688Mbps)、 5GHz(2402Mbps) dual-band wireless rate.
- 4 omnidirectional waterproof antennas, 2×2 (2.4GHz) + 2×2 (5GHz) for a total of 4 streams
- Commercial-grade Qualcomm solution, with a maximum of 128 users connected and a coverage radius of >300 meters.
- Provides 1×2.5G network port + 1×Gigabit RJ45 port.
- Outdoor UV-resistant housing, IP65 protection, -30°C to 55°C wide operating temperature.
- Support PoE/DC flexible power supply, support pole/wall mounting.
- Support cloud platform/APP operation and maintenance, easy to maintain.

Outdoor Wireless Access Point

Characterictics

- WiFi 6 standard, providing 2.4GHz(574Mbps)、5GHz(2402Mbps) dual-band wireless rate.
- 4×omnidirectional waterproof antennas, 2×2 (2.4GHz) + 2×2 (5GHz) for a total of 4 streams.
- Commercial-grade Qualcomm solution, with a maximum of 128 users connected and a coverage radius of >300 meters.
- Provides 1×2.5G network port + 1×Gigabit RJ45 port.
- Outdoor UV-resistant housing, IP65 protection, -30°C to 55°C wide operating temperature.
- Support PoE/DC flexible power supply, support pole/wall mounting.
- Support cloud platform/APP operation and maintenance, easy to maintain.

Outdoor Wireless Access Point

Characterictics

- WiFi 6 standard, providing 2.4GHz(574Mbps)、5GHz(2402Mbps) dual-band wireless rate.
- 4×omnidirectional waterproof antennas, 2×2 (2.4GHz) + 2×2 (5GHz) for a total of 4 streams.
- Commercial-grade Qualcomm solution, with a maximum of 192 users connected and a coverage radius of >300 meters.
- Provides 1×Gigabit SFP optical port + 2×Gigabit RJ45 ports.
- Outdoor UV-resistant housing, IP65 protection, -30°C to 55°C wide operating temperature.
- Support PoE/DC flexible power supply, support pole/wall mounting.
- Support customized Bluetooth and GPSA.
- Support cloud platform/APP operation and maintenance, easy to maintain.

Outdoor Wireless Access Point

Characterictics

- WiFi 7 standard, providing 2.4GHz(688Mbps)、5GHz(2882Mbps) dual-band 3600Mbps wireless rate.
- 2×omnidirectional waterproof antennas, 2×2 (2.4GHz) + 2×2 (5GHz) for a total of 4 streams.
- Maximum number of user accesses: 128, coverage radius >200 meters.
- Provides 1×2.5G RJ45 port + 1×Gigabit RJ45 port.
- Outdoor UV-resistant housing, IP65 protection, -30°C to 55°C wide operating temperature.
- Support PoE/DC flexible power supply, support pole/wall mounting.
- Support cloud platform/APP operation and maintenance, easy to maintain.

Ceiling Wireless Access Point

Characterictics

- High-performance, high-speed 11ac indoor dual-band ceiling AP. that can provide 2.4G and 5.8GHz dual-band wireless services.
- 2.4G provides up to 300Mbps access rate, and 5G provides up to 867Mbps access rate.
- Equipped Gigabit WAN & LAN ports.
- Is a wireless access point (AP) with Wi-Fi 5 dual-radio design.

Wall Mount Access Point

Characterictics

- Is a high-performance, high-speed 11ax indoor dual-band wall mount AP that can provide 2.4G and 5.8GHz dual-band wireless services.
- 2.4G provides up to 574Mbps access rate.
- 5G provides up to 1201Mbps access rate.
- Equipped Gigabit WAN & USB Type-C Port for gigabit LAN ports.
- Is a wireless access point (AP) with Wi-Fi 6 dual-radio design.
- For small and medium sized enterprises, and its features, functionality, and performance can be extended for large-sized enterprise network deployments.

Lighting your Smart Life

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