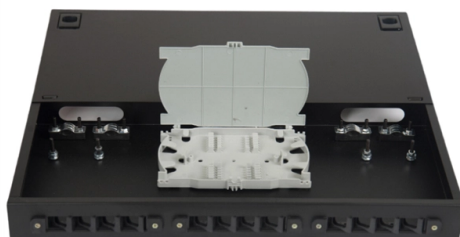


Myanmar OTN Router 10G



Overview

The AirLive ONU-10XGS-1004-10G is a recently launched ONU that caters to new optical fiber communication networks.

Key Takeaways

For high-speed 10G networking in Myanmar, options include enterprise-grade routers like the MikroTik CCR1072 with 10G SFP+ ports and consumer/SMB routers such as the NETGEAR Nighthawk 10Gb WiFi 7 router. Enterprise-Grade 10G Routers

MikroTik CCR1072-1G-8S+ is a flagship router suitable for OTN and high-throughput applications. Key features include:

- Ports: 8x 10G SFP+ for fiber connections, 1x Gigabit Ethernet for management
- Performance: 72-core CPU at 1GHz, 16GB RAM, capable of over 120 million packets per second and 80Gbps throughput
- Redundancy & Storage: Dual hot-swappable power supplies, microSD, USB, M.2 slots, and smart card slot
- Software: RouterOS L6 for advanced routing, OTN, and network management This router is ideal for data centers, ISPs, or enterprise networks requiring high-speed optical transport and multiple 10G connections.

Consumer and SMB 10G Routers

For smaller-scale deployments or high-speed home/office networks, the NETGEAR Nighthawk 10Gb WiFi 7 Router (RS600) offers:

- WiFi 7 with speeds up to 18Gbps, tri-band coverage, and support for up to 150 devices
- 10Gb Internet port for ultra-fast wired connections, plus additional 1Gb LAN ports
- Security: Built-in NETGEAR Armor with real-time protection and VPN support
- Coverage: Up to 3,300 sq. ft., suitable for large homes or small offices

Availability in Myanmar

- ICT.com.mm offers a wide range of routers, including high-speed and dual-band models, with payment options like MPU, Visa, MasterCard, KBZPay, and WavePay
 - NETPRO Myanmar lists enterprise-grade routers like the CCR1072, which can be purchased online for local deployment
- #### Considerations for OTN Deployment
- Port Type: Ensure the router supports SFP+ or fiber modules compatible with your OTN infrastructure.
 - Throughput: Enterprise routers like CCR1072 are designed for high packet-per-second performance, critical for OTN networks.
 - Redundancy: Dual power supplies and hot-swappable components improve reliability in mission-critical networks.
 - Management: Advanced software like RouterOS L6 allows for fine-grained routing, VLANs, and optical transport management. For Myanmar-based deployments, the CCR1072 is the most suitable for professional OTN networks, while NETGEAR Nighthawk 10Gb is ideal for high-speed office or home setups requiring 10G connectivity.

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