

Cambodia Gigabit Optical Modules



AI Overview

Cambodia's optical network infrastructure supports Gigabit and higher-speed modules, with suppliers and national deployments enabling scalable high-capacity fiber networks.

Optical Modules Available in Cambodia

Cambodia offers a range of Gigabit and higher-speed optical transceivers, including QSFP+ modules for 40G Ethernet. For example, the QSFP-40GE-LR4 module supports 40GBASE Ethernet over single-mode fiber (SMF) up to 10 km using a 1310nm wavelength via duplex LC connectors, compliant with IEEE 802.3ba and QSFP+ MSA standards. These modules are suitable for enterprise, data center, and telecom applications requiring high throughput and reliable connectivity.

National Fiber-Optic Network Deployments

Cambodia is actively expanding its high-speed fiber-optic infrastructure. Chuan Wei, in collaboration with Alcatel-Lucent, is deploying the country's first 100G fiber-optic network, leveraging DWDM and Optical Transport Network (OTN) technologies to meet growing bandwidth demands from businesses, tourism, and international connectivity. This network is designed for scalability, preparing for future upgrades to 400G and beyond. Additionally, XYTsharetop Technology's LE5000 series forms the backbone of Cambodia's national optical network, integrating CWDM/DWDM solutions, multi-service access, and flexible ring network architectures. The system supports both single-fiber and dual-fiber bidirectional transmission, with hot-swappable optical modules for minimal downtime and efficient network manageme...

Article Content

Sep 15, 2025

10G SFP+ Optical Transceivers | Transceiver Module

FS 10GbE SFP+ module solutions provide a wide variety of 10 Gigabit Ethernet connectivity options for

Feb 18, 2026

SMC Computer

Smart PoE Switch TP-Link SG2210P (TPLink SG2210P) 8-Port Gigabit Smart PoE Switch with 2 SFP Slots 68\$ Read More

Apr 19, 2026

SFP Module Switch 24port Gigabit

SFP Module Switch 24port Gigabit price \$250.00 posted by BOLINK Cambodia in Tuek Thla, Saensokh, Phnom Penh Cambodia on

Jul 16, 2026

Optics Modules - TECAM

90 Days Return If goods have problems Secure Payment 100% secure payment

Dec 26, 2025

Cisco Transceiver Modules

Cisco Transceiver Modules - Learn product details such as features and benefits, as well as hardware and software specifications.

Feb 06, 2026

Nokia and Cellcard upgrade residential fiber broadband network in Cambodia

Press ReleaseNokia and Cellcard upgrade residential fiber broadband network in CambodiaCellcard deploys Nokia's next-generation

Jun 16, 2026

Camtel Equipment Center | Phnom Penh

Camtel Equipment Center, Phnom Penh. 10,595 likes · 359 talking about this. We specialize in providing

Aug 09, 2025

Cambodia's Sinet Picks Nokia's GPON Mini OLT

SINET will deliver broadband services targeted residents living in newly-built gated borey and housing apartments

Dec 05, 2025

Fiber One - SINET

Experience a whole new level of Internet freedom in Cambodia with Fiber One 800Mbps 100 times Faster, Infinite Possibilities,

Apr 26, 2026

Cambodia Gigabit Passive Optical Network (GPON) Chipset Market

Historical Data and Forecast of Cambodia Gigabit Passive Optical Network (GPON) Chipset Market Revenues & Volume By Optical

May 06, 2026

Nokia supports fibre upgrade for Cambodia's Cellcard

Cambodian operator CamGSM, commercially known as Cellcard, is planning to migrate its fibre network from gigabit

Jun 18, 2026

SFP modules - transceivers for 1/2/4G fibre channel

With support for Fast Ethernet, Gigabit Ethernet, Fibre Channel and legacy protocols such as SDH/SONET

Sep 15, 2025

cambodia fiber optic cable network suppliers

Country/Region: China Main Products: Fiber Optic Cable, Fiber Media Converter, Fiber Optic Patch Panel, Fiber Optic Patch

Jun 30, 2026

Online Cambodia | Phnom Penh

Online Cambodia, Phnom Penh. 47 likes. Masterlink fiber optic ODF Fiber optical

Jun 02, 2026

Optical module

An optical module is a typically hot-pluggable optical transceiver used in high-bandwidth data communications applications. Optical

Jul 04, 2026

Telcotech | Home

Founded in 2007, Telcotech Ltd has been a Telecommunication Infrastructure and Associated Services Provider in Cambodia. It is a

Sep 19, 2025

The best Internet service providers in Cambodia

Join Cambopedia to rediscover Cambodia through a local lens. Explore travel guides, coffee culture, hidden gems,

Jun 19, 2026

Fiber Pro - SINET

Safe & Secure Optical Fiber Available with SINET's MetroLink underground & secure Access Fiber in Phnom Penh and major cities.

Feb 26, 2026

khmer24 , Buy and Sell Everything In Cambodia

Sell your 2nd hand items on Khmer24 , the Cambodia #1 buy and sell website. Post free online classified ads of your property,

Sep 17, 2025

Network Module

Planet Transceiver MGB-SX SFP Por 1000Base-SX Mini-GBIC module 500m MGB-SX \$90 NE-102 in stock

Dec 28, 2025

Designing a Module for High-Speed Optical Communication

The ultimate goal for all-optical connectivity with an ultra-high F5G bandwidth is to increase transmission rates. Optical modules —

Jul 03, 2026

Our Network - SINET

OUR ACCESS NETWORK With SINET, you need not worry on where you or your business, factory or branch office is located in

Nov 05, 2025

Nokia and Cellcard Collaborate to Elevate Cambodia Fiber Broadband ...

Phnom Penh, Cambodia – February 13, 2025 – In a significant move to enhance Cambodia's digital infrastructure,

Mar 15, 2026

SINET – SINET | Dedicated Fiber. Dedicated Speed. Dedicated

WHY CHOOSE SINET DEDICATED FIBER Each connection is powered by a dedicated optical fiber directly from SINET distribution

Jun 22, 2026

Alcatel-Lucent, Chuan Wei drive connectivity with Cambodia's ultra ...

Alcatel-Lucent and the Cambodian operator Chuan Wei are set to deploy Cambodia's first 100 gigabit-per-second

Oct 13, 2025

Cambodia Optical Transceiver Market (2025-2031) | Trends & Value

Cambodia Optical Transceiver Market Overview The Cambodia Optical Transceiver Market is experiencing steady growth driven by

Apr 18, 2026

Gigabit Multimode SFP 1000Base-SX LC Fiber Module, 850nm MMF,

1000BASE-SX SFP to LC Optical Gigabit Ethernet Fiber transceiver module, 1.25G Multimode SFP (supports OM1/OM2/OM3/OM4

Feb 20, 2026

Fiber Edge – SINET

Built for businesses, now available to all. Introducing Fiber Edge, 50Mbps. Dedicated High-bandwidth Internet for Home.

Sep 08, 2025

Cisco SFP Modules for Gigabit Ethernet Applications Data Sheet

This data sheet describes the benefits, specifications, and ordering information for the Cisco SFP Modules for Gigabit

Jan 05, 2026

WIN Telecom | Phnom Penh

WIN Telecom, Phnom Penh. 946 likes. Fiber optic cable, electric cable, ADSL dropwire, telecom accessories, ODF,

Mar 21, 2026

Cambodia: Fiber Optic Communication Network Project

DESCRIPTION By building out the fiber optic cable backbone and the metro network across the country, the project is

Apr 01, 2026

Alcatel-Lucent and Chuan Wei to set up 100G network in Cambodia

Alcatel-Lucent and telco operator Chuan Wei are set to deploy Cambodia's first 100 gigabit-per-second fibre-optic

Dec 27, 2025

AOC, DAC, Fiber Optic Transceivers | One-Stop Shop for Datacenter

Online shopping. w/24h-delivery, 7Days & Refund Guarantee. CE, RoHS and ISO9001 Certified. SFP+ Cables, QSFP+ Cables,

Feb 22, 2026

SFP modules – transceivers for 1/2/4G fibre channel

SFP – small form factor – pluggable modules for various optical data communications such as Fast

Jan 19, 2026

Network Module

Computer modules Electronic modules Module components Hardware modules
Module accessories

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://ntmmgroup.co.za>

Email: sales@ntmmgroup.co.za

Phone: +27 82 471 2596

Address: Unit 7, Optic Park, 24 High-Tech Lane, Century City, Cape Town,
7441, South Africa

This document is for informational purposes only. Specifications subject to
change without notice.

