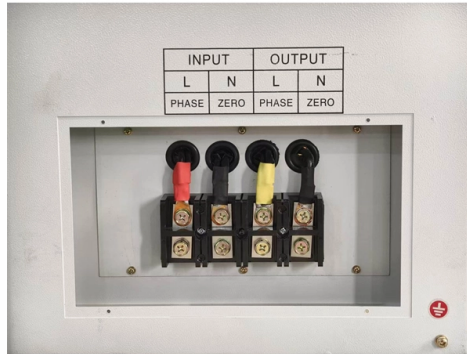


100G Liquid-Cooled Switch from a Kenyan Manufacturer



Overview

In partnership with the world's most advanced semiconductor manufacturer, we are deploying our two-phase immersion-cooled 100G switch module and the SONiC open network operating system.

Key Takeaways

Currently, there are no known Kenyan manufacturers of 100G liquid-cooled switches; international options are available, and local distributors can supply standard high-speed switches.

International Liquid-



Cooled 100G Switches DynaNET 100G-01 (Eurotech) Ports: 16x 40/56/100GbE QSFP28, expandable via breakout cables to 32x 50GbE or 64x 10/25GbE Throughput: 3.2 Tb/s, 2.38Bpps processing capacity Latency: 300 ns port-to-port Cooling: Liquid-cooled, integrates with vehicle or system liquid cooling, no vents or moving parts Applications: Automotive, autonomous driving, artificial vision, high-performance computing Certifications: ISO 50498, ISO 16750-3, VDA320, LV-142, ECE R10 Power: 12VDC or 48VDC automotive-grade supply Notes: Rugged, compact, and customizable for branding and hardware configurations Accton Two-Phase Immersion-Cooled 100G Switch Cooling: Two-phase immersion for high-density server rooms Deployment: Top-of-Rack (ToR) or Leaf switch in Clos network architecture Performance: 100Gbps data transmission, stable high-temperature operation Sustainability: Reduces energy consumption by ~30% and lowers equipment failure rates Notes: Modular design, compatible with SONiC OS, suitable for cloud and data center environments Local Sourcing in Kenya While no Kenyan manufacturer produces liquid-cooled 100G switches, local distributors can supply high-performance networking equipment: TDK Tech Store: Offers switches from TP-Link, D-Link, Cisco, and Tenda, including PoE and Ethernet switches suitable for enterprise networks.

They provide delivery across Kenya and East Africa, including Nairobi, Mombasa, Kisumu, and Eldoret. FS.com: Provides 100G switches for large enterprises and hyper-converged infrastructure, though these are imported and not liquid-cooled.

Recommendations

For specialized liquid-cooled 100G needs: Consider importing from Eurotech or Accton, as these are proven solutions for high-performance and rugged applications. For local deployment: Use high-speed air-cooled 100G switches from distributors like TDK Tech Store or FS.com, which are readily available in Kenya. Integration: If liquid cooling is required, consult with system integrators to adapt international switches to local infrastructure.

In summary, Kenya currently lacks domestic production of liquid-cooled 100G switches, but international options exist and local distributors can provide high-speed alternatives for enterprise and data center applications.

Article Content

Two-Phase Immersion-Cooled 100G Switch Module - Accton

In partnership with the world's most advanced semiconductor manufacturer, we are deploying our two-phase immersion-cooled 100G switch module and the SONiC open network operating system.

NYT Connections archive

Every NYT Connections puzzle ever published is listed here, organised by date, with all four category groups and their sixteen words. The NYT only offers the current day's puzzle for free,

LiquidCool Solutions: Immersion-Cooled Rack Servers

LiquidCool Solutions is the only company combining Total Liquid Immersion with Directed Flow (direct-to-chip) in a standard 19" rack. Because liquid cools 1,000x better than air, we can provide high

Liquid Cooled Switch: High-Performance & Reliable

Find top-rated liquid cooled switches with fast switching, thermal monitoring, and IP67 protection. Click to explore verified suppliers, competitive pricing, and instant quotes for industrial cooling systems in

Liquid Cooling

Increase the effectiveness and sustainability of your data centers with Aivres liquid-cooled solutions. The swifter heat dissipation offered by liquid cooling technology ensures optimal operating temperatures

6U VPX Switch for 100Gb Ethernet Switching

WILDSTAR 100GbE 6E10 6U OpenVPX Switch is a rugged 6U board that provides switching between backplane slots of multiple channels of 100Gb Ethernet. It also has front panel I/O

Liquid Cold Plates | Kawaso Texcel Co.,Ltd

With over 20 years of experience in designing and producing the liquid cold plate, our products minimize the variation of surface temperature and achieve "Uniform Cooling", and with a reliable brazing

DynaNET 100G-01

The DynaNET 100G-01 is liquid cooled and has no vents nor moving parts, dramatically increasing reliability. Since it does not require any ventilation, the DynaNET 100G-01 is extremely compact and

Rack-Scale Liquid Cooling Solutions | Supermicro

With extensive experience deploying large-scale direct-to-chip (DLC) liquid-cooled AI systems, Supermicro is developing leading liquid cooling technology powering the world's most ambitious AI

WORLD WIDE WEB JOURNAL Home

By clicking download, will open to start the export process. The process may take but once it finishes a file will be downloadable from your browser. You may continue to browse the DL while the export

kenyan-supplier-air-cooled-switch-800g

21 Companies and suppliers for kenyan-supplier-air-cooled-switch-800g Find wholesalers and contact them directly Leading B2B marketplace Find companies now!

Two-Phase Immersion-Cooled 100G Switch Module - Accton

The design, material, and manufacturing specifications offer complete liquid cooling compatibility, allowing the switch to maintain high performance and reliability in a high-temperature, high-density

ACS Liquid Cooling Cold Plate Requirements Document

Introduction This document outlines the requirements related to Liquid Cooling Cold Plate technology, which may be used in the Open Compute Project (OCP) environment. Liquid cooling technology is

DynaNET 10G-01

The liquid cooling infrastructure of the vehicle can be used to feed the DynaNET 10G-01, delivering significant savings in integration cost and complexity. Field-proven quick disconnects provide a fast

botswana-wholesale-liquid-cooled-switch-100g

All Companies and suppliers for botswana-wholesale-liquid-cooled-switch-100g Find wholesalers and contact them directly Leading B2B marketplace Find companies now!

Liquid Cooling

What is liquid cooling? Why is it better than air cooling? Liquid cooling is a heat transfer mechanism in which the coolant (typically a dielectric fluid or

New & Used liquid cooled switch 1g oem

Search for used liquid cooled switch 1g oem. Find Powerups and Ysenmed for sale on Machinio.

Exploring the Future of AI Networking: Liquid-Cooled Switches on the ...

Imagine a data center where even the most powerful switches run cool and stable—without noise, thermal throttling, or energy waste. Cisco is actively innovating in direct-to-chip

Related Video Reference

This video was associated with the source search result. Verify technical details against current product documentation and project requirements.

Contact Us

Continue your research online:

Website: <https://metramarket.es>

Technical inquiry: <https://metramarket.es/contact.html>

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

