



**ZTP Thermal & Power**

# **100G Liquid-Cooled Switch Available Now**



Powered by ZTP Thermal & Power



## Overview

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The DynaNET 100G-01 is a high performance switch for Automotive and rugged applications, where extreme levels of performance, reliability and compactness are required. Delivers 16x 40/56/100GbE ports over QSFP28, and with breakout cables up to 32x 50GbE or 64x 10/25GbE ports for a total throughput. FS 100G Switches offer high programmability and scalability, designed for large enterprises and hyper-converged infrastructure (HCI) networks. Learn more!  
The VX6940 is a 6U VPX non-blocking L2/L3 switch built around a Broadcom® 72 × 10GbE port high-density switch with 100G uplinks capability offering 720 Gb of I/O bandwidth. It also has front panel I/O which can be used to connect the system to external data sources. As a result of continuous research and development efforts in energy-saving and sustainable solutions, Accton introduced a two-phase immersion-cooled 100G switch module for high-speed cloud computing. The density of data center deployments keeps increasing to satisfy the growing demand for.



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### VX6940

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### NVIDIA Unveils Liquid Cooled A100 GPU For Huge

In response to customer demand for high-performance, green data centers, NVIDIA is releasing a liquid cooled version of its A100 Tensor Core PCIe

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## Cooling the Network Revolution: Edgecore's Liquid and

Revolutionizing data center cooling with Edgecore's liquid cooling and immersion tech for AI, 800G networks, and sustainable performance.

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## Data Center Switches

Low-carbon and Energy-saving Ruijie's first submersible liquid-cooled switch deployed at large data center scale with high power consumption elimination, energy-saving and emission reduction.

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## Cisco targets high-speed AI networking with 102.4Tbps chip, liquid

Cisco said the systems deliver 102.4Tbps switching speeds and are aimed at customers building large AI fabrics. The new systems will be available in both air-cooled and fully liquid-cooled



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## **100G Ethernet Data Center Switches**

These switches deliver speeds of up to 100Gbps, making them ideal for high-demand applications such as big data analytics, cloud computing, and high-performance computing.

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## **6U VPX Switch for 100Gb Ethernet Switching**

This next-generation 6U Switch supports 1/10/25/40/100 GbE, with up to 6.4 Tb/s of switching capability. It features 7 optional 40/100GbE optical interfaces to VITA 66 and 4 optional

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## **Exploring the Future of AI Networking: Liquid-Cooled Switches**

Exploring the Future of AI Networking: Liquid-Cooled Switches on the Horizon Imagine a data center where even the most powerful switches run cool and stable-- without noise, thermal throttling, or

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## **C-LIGHT 100G Switch: High-Reliability Core Solution for Zero-Packet**

The C-LIGHT CLS6862-54XC is a 100G high-performance switch designed for data centers and enterprise networks, delivering robust performance, reliability, and scalability.

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



Take steps now to modernize your facility and thermal management strategies for tomorrow's liquid-cooled switches. Meet with your Cisco team or partner to discuss how to design,

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## **AWS Taps Nvidia NVSwitch For Liquid Cooled, Rackscale GPU Nodes**

By the way: Nvidia has finally succumbed to the idea that these dense compute engines require liquid cooling if you actually want to fill a rack with them. So the GH200 NVL32 system is

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## **Amazon : Generac Guardian 10kW Home Standby Generator with 100**

Generac Guardian 10kW Home Standby Generator with 100 Amp Transfer Switch - Automatic Whole House Backup Power for Storms, Emergencies, and Outages, WiFi Enabled, Runs on Natural Gas

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## **100Gb Ethernet Switches**

FS 100G Switches offer high programmability and scalability, designed for large enterprises and hyper-converged infrastructure (HCI) networks. Learn more!

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## **Two-Phase Immersion-Cooled 100G Switch Module**

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.

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## **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

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## **Cisco Debuts Liquid-Cooled 102.4T Ethernet Systems**

Silicon One G300: 102.4 Tbps switch silicon designed for massive AI clusters, supporting training, inference, and agentic workloads with up to 33%

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## **NVIDIA A100 Liquid Cooled PCIe , Data Center GPU**

The NVIDIA A100 Liquid Cooled Tensor Core GPU for PCIe delivers the highest performance while using far less power to propel elastic data centers.

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## **H3C Data Center Switches Green Energy-Efficient Technologies**

Liquid cooling has higher thermal transfer efficiency than air cooling. It uses liquid convection and heat transfer to lower the temperature of electronic components, preventing component failures or rapid

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## **The NVIDIA GB300 NVLink Liquid-Cooled Switch**

NVIDIA GB300 NVLink Switch Tray 1 An especially ingenious aspect of the design lies in the fact that, although the NVLink switch chip is liquid-cooled,

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## **NVIDIA A100 PCIe GPU Accelerator Gets Liquid**



NVIDIA has unveiled its brand new A100 PCIe GPU accelerator which now comes with a liquid-cooling option for higher energy efficiency.

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## **Acer unveils a liquid-cooled laptop, simplified UI**

Acer unveils a liquid-cooled laptop, simplified UI tablet for "super-seniors" A durable Chromebook and a HP Spectre-competitor

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## **Alpha : Unveils 1.6T Liquid-Cooled Switch at COMPUTEX 2025**

With high-performance chips now entering the kilowatt-class era, conventional air-cooling systems face significant limitations in terms of size, cost, efficiency, and energy consumption. Alpha

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## **dynanet 100g-01 datasheet**

The DynaNET 100G-01 is certified for Automotive applications and can be easily integrated in traditional combustion, hybrid, electric and autonomous vehicles. It is available with or 48VDC automotive

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## **6U VPX Switch for 100Gb Ethernet and Infiniband IB Switching**

This next-generation 6U Switch supports up to 27 SDR/DDR/QDR/FDR/EDR InfiniBand ports with industry-leading, true cut-through latency. It supports 1/10/25/40/100Gb Ethernet, with 7 optional

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## **Iceotope, Mellanox Plunge HPC Switches Into Liquid Cooling**

Going toward an entirely fan-less HPC deployment, Iceotope founder and chief visionary



office Peter Hopton said HPC is "embracing liquid cooling at a remarkable rate. It's just a case of

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## **432-CHANNEL 100G FIBER OPTIC**

Amphenol's Rugged 432-Channel 100G Ethernet Switch Box is liquid cooled and configurable for system connectivity, speeds, port types, and interoperability with various high-speed media

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## **Nvidia reveals liquid-cooled A100 and Grace CPU**

On the hardware side, Nvidia primarily focused on data centre and accelerators, including a new liquid-cooled A100 GPU, and an update on the

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