



**ZTP Thermal & Power**

# **Export Liquid-Cooled Switch 100G**



100KWH/215KWH



LIQUID/AIR COOLING



IP54/IP55



BATTERY 6000 CYCLES



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



## **Export Liquid-Cooled Switch 100G**

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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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### **What Are Next-Generation Liquid-cooled Switches Like?**

Three Difficulties in Designing Liquid-Cooled Switches Difficulty 1: The switch cold plate system belongs to "three-dimensional" assembly, and the GPU

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## **Global Switch: Showcasing the Power of DC Liquid Cooling**

Global Switch's Docklands facility vividly demonstrates how the rise of AI and HPC demands can be addressed through liquid cooling. With conventional

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## **Liquefied natural gas**

Liquefied natural gas (LNG) is natural gas that has been cooled to a liquid state (liquefied), to about -260° Fahrenheit, for shipping and storage. The volume of natural gas in a liquid

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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 interoperation with various high-speed media



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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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## **Redefining liquid cooling from the server to the switch**

BT kicked off the trials with a network switch cooled using Iceotope's Precision Liquid Cooling technology and Juniper Networks QFX Series Switches.

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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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## **G99, G100, Export limitation, liquid cooled battery**

Soundons, WEnergy, and Wincle brands are G99, G100, export limitation ready. Liquid cooled batteries, designed for fast approved installation.

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## **VX6940**

The VX6940 is a 6U VPX non-blocking L2/L3 switch built around a Broadcom® 72 x 10GbE port high-density switch with 100G uplinks capability offering 720 Gb of

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## **Ruijie Networks Released Near-packaged Optics (NPO) & Cold-plate Liquid**

Ruijie 25.6T Silicon Photonics NPO Cold-plate Liquid-cooling Switch Using the latest 112G SerDes switching chip and 64 connectors, Ruijie 25.6T silicon photonics NPO cold-plate liquid

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## **Switche bis 40G/100G**

Diese Kategorie bietet Switche unterschiedlicher Ausführungen mit einer maximalen Datenrate von bis zu 100G. Die Glasfaser-Ports sind als SFP-Slot ausgeführt, so

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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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## **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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## **China GPU Liquid Cooling Market Size & Share Analysis**

Delta Electronics already offers 1.5 MW coolant distribution units sized for fifteen 100 kW NVL72 racks, while Huawei's liquid-cooled 800 G switches prevent thermal throttling in fabric elements.

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## **Liebert® HPC-S System Design Manual**

The Liebert HPC-S is an air-cooled liquid chiller utilizing scroll compressors, electrically commutated (EC) condenser fans, thermal expansion device, integral economizing coil, brazed plate heat

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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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## **Deep Dive: Liquid-Cooled AI Switches for the Next Generation**

As the demand for AI computing grows, liquid cooling technology has become the key to



guaranteeing heat dissipation for high-power switches. This article delves into the design difficulties and solutions

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## **Global Switch Opens Europe's first liquid cooling showcase in London**

In 2024, Global Switch's London South development received full planning approval, with designs that also include liquid cooling optionality.

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## **Support**

Product models The H3C S6850-56HF-CP cold-plate liquid-cooled Ethernet switch is a high-density, intelligent 25G access switch developed by H3C for cloud data centers and cloud computing

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

H3C provides single-phase, immersion cooled switches. A single switch can save up to 40 W power in heat dissipation. About H3C liquid-cooled switches H3C provides single-phase, liquid cooled

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## **Liquid Cooling System for NVIDIA H100 GPU , JetCool**



Pre-order JetCool's SmartPlate for NVIDIA H100 GPUs--an advanced liquid cooling system that cuts power use and unlocks peak GPU performance.

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

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

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## **100G Data Center Switches**

The Edgecore DCS800 is a high-performance TOR or spine switch for data centers, offering line-rate L2 and L3 switching across 32 QSFP28 ports. Supports 25/50/40/100 GbE connections.

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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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