

New Zealand Liquid-Cooled Switch Anti-Static



Summary of Content

Liquid-cooled switches are emerging for high-performance networking, while anti-static products are widely available in New Zealand to protect sensitive electronics.

Liquid-Cooled Switch Technology

Liquid-cooled switches are designed to directly extract heat from high-power components, such as ASICs, enabling higher throughput and port densities without thermal throttling. Cisco is actively developing direct-to-chip liquid-cooled switches, which can improve energy efficiency by 30-50% compared to traditional air-cooled systems and support dense AI and data center deployments . These switches are particularly relevant for 400G, 800G, and future high-bandwidth networks, where thermal management is critical.

Anti-Static Protection

To protect sensitive electronics, anti-static (ESD) products are essential. In New Zealand, suppliers like Mouser Electronics and Synergy Electronics offer a range of antistatic solutions, including:

- Dissipative floor finishes and cleaners that meet ANSI/ESD S20.20 standards, providing a grounding path for personnel and equipment .
- Conductive mats, wrist straps, and grounding devices to prevent static discharge during installation or maintenance .
- Anti-static coatings for floors and surfaces in data centers or labs to reduce charge accumulation .

Article Content

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

This article delves into the design difficulties and solutions for liquid-cooled switches, while also exploring the potential of liquid

Cooling

Liquid-to-liquid coolant distribution units deliver scalable, high-efficiency liquid cooling for AI and High-Performance Computing (HPC)

Q3450-LD Liquid-Cooling System

The Q3450-LD liquid-cooling system features two parallel cooling

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

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,

Direct Liquid Cooling solutions | HPE New Zealand

As businesses drive growth from ever-growing data, more powerful IT systems are being deployed to create value more quickly.

Anti Static Containers | element14 New Zealand

Buy Anti Static Containers. element14 New Zealand offers fast quotes, same day dispatch, fast delivery, wide inventory, datasheets

H3C Data Center Switches Green Energy-Efficient Technologies

H3C provides single-phase, liquid cooled switches with high-density 25G and 100G interfaces. Each switch can save 40 W power in

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

BT to test liquid cooling, including a Juniper/Iceotope network switch

BT is testing liquid cooling techniques including network switches provided by Iceotope and Juniper, and new

Coolant Distribution Units | Schneider Electric New Zealand

Maximise AI performance with precision liquid cooling. Liquid-to-liquid coolant distribution units deliver scalable, high-efficiency liquid

Iceotope and Mellanox present first ever liquid-cooled switches

British cooling specialist Iceotope and American-Israeli networking vendor Mellanox have joined forces to create

Amazon Best Sellers: Best Water Cooling Systems

Discover the best Water Cooling Systems in Best Sellers. Find the top 100 most popular items in Amazon Computers & Accessories

Liquid cooling for data centre | Schneider Electric New Zealand

Schneider Electric New Zealand. Liquid cooling approaches for data centres and edge computing show crucial benefits as compute

Direct Liquid Cooling solutions | HPE New Zealand

Designed for massive scale and built upon the dragonfly topology, this liquid cooled fabric connects directly with copper to reduce

Industry First 1.6T Liquid Cooled Switch: QFX5250-64OE-L

Built for liquid cooling — the riding heat sink acts as a cold plate, letting liquid carry heat away far more efficiently than

Switches

Electrical Switches at Jaycar Electrical switches are fundamental building blocks in the world of electronics.

Anti-Static Bags 18x12cm (10 pcs in 1 pack)

Shop online and read reviews for Anti-Static Bags 18x12cm (10 pcs in 1 pack) (SEVOEM0270B) at PBTech .nz

Liquid cooling solutions for AI and high-density data centres ...

Our HDU enables liquid-cooled HPC systems to reject heat to air when chilled water isn't available. With EC fans, PLC control, and

Sensing Solutions | Fluid & Level Sensors | Reed Switch

Reed switches open and close circuits based on signals received from magnetic sensors. The

Switch to Liquid Cooling | nVent SCHROFF

Make the Switch to Liquid Cooling Systems are becoming smaller and more powerful, thereby driving the need for enhanced thermal

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

While direct-to-chip liquid-cooled switches are not yet commercially available, our vision for the technology includes:

ANTI STATIC BLOW GUN

Guns ANTI STATIC BLOW GUN MG-3000 ION SHOWER MAGNUM Dust is part of the collision repair

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

Cisco is leading this innovation with ongoing R& D into direct-to-chip liquid-cooled switching platforms. By connecting you to this

Liquid Cooling | element14 New Zealand

Buy Liquid Cooling. element14 New Zealand offers fast quotes, same day dispatch, fast delivery, wide inventory, datasheets &

Welcome to Tribune Content Agency

Jack Ohman wins the 2026 Herblock Prize; Pedro Molina named Finalist; New column from TCA: Problem Solved; Features newly

The Study of Liquid Cooling Solution on 51.2T Switch

The Study of Liquid Cooling Solution on 51.2T Switch Abstract: AI/ML application hyper-growth in recent years is rapidly driving the

Marvell TX9190 Liquid-Cooled CPO Switch at OCP 2025

Not only were these demo switches using co-packaged optics, but they were also designed

Cisco's INSANE Liquid-Cooled Switch

Big thank you to Cisco for sponsoring my trip to the Cisco Partner Summit and for

MAC3 Flow Switches, Float Switches, and Level Sensors

From basic "off the shelf" float and float-less level switches to custom made sensors and indicators used in

Data Center Liquid Cooling Solutions | nVent

The nVent Liquid-to-Air LTA Sidecar Heat Rejection Unit (HRU) is an integrated system that supports up to two racks of liquid-cooled

Thermostatic Switches | Adjustable Temperature Control Switch

is your trusted source for high-quality thermostatic switches, offering a wide range of adjustable thermal switches designed to meet

Industrial Solutions | RS formerly known as RS Components

RS is the leading provider of industrial and electronic solutions. Secure online ordering, same-day dispatch & free delivery available.

Static Eliminator / Ionizer

Static Eliminator for eliminating static and dust. Can neutralise and clean surfaces at remote distances. Static neutralisation is a

Antistatic Products

Synergy Electronics stocks a range of antistatic products from a variety of quality manufacturers, including

Interesting. Cisco shows off its liquid-cooled switch. | Rich Miller

At Cisco's 2025 GSX, the industry witnessed the unveiling of the "first direct-to-chip liquid cooling 51.2T switch." This groundbreaking

PC Parts

Thermalright Frozen Infinity 240 White AIO Liquid CPU Cooler [Excellent Cooling Effect] Using Infinity Mirror style water-cooling

What is Liquid Cooled Switch?

A liquid cooled switch is an advanced networking device designed for data centers, utilizing liquid-based cooling

Contact Us

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

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

Email: sales@benniedesignstudio.co.za

Phone: +27 82 391 4765

Address: The Towers, 1 St Georges Mall, Cape Town, 8001, South Africa

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

