



# In Row CDU *NIR2.0*

Height  
cooling capacity  
**1.9 x 2.0**  
m MW

Support  
**NVL72**  
x12 Rack

Security  
**Redfish**

Install  
**Container**  
Data center

Key Features  
**Group -**  
**Control**

Worldwide  
Support  
**After**  
**Service**

## - *Proven Performance and Compact Design*

Industry-leading cooling capacity up to 2MW in a compact form. One CDU cools up to 12 units NVL72 servers, delivering top-class output and embedded Redfish API.

## - **Sustainability and Cost Reduction**

Supports container-type data centers with easy installation and optimized space usage.

## - **Reliability and Risk Mitigation**

Group control enables simultaneous monitoring of multiple CDUs, providing N+1 system control for uninterrupted data center operation.

## - **Expertise and Service**

Global support network delivers comprehensive after-sales service to meet diverse customer needs.



# Nidec

## In Rack CDU Gen2.5

size cooling capacity  
**4Ux250**  
kW

Support  
**NVL72**  
GB200 & GB300

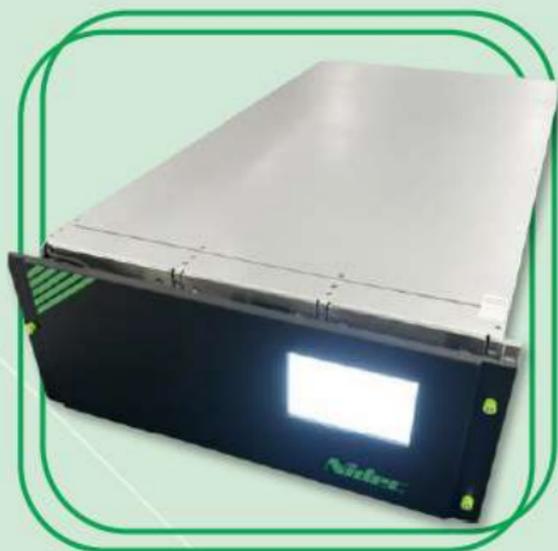
Shipped  
**7,000**  
units

Security  
**Redfish**

energy reduction  
**40%**

Automotive  
Application  
record  
**Pump**

Worldwide  
Support  
**After  
Service**



### - Proven Performance and Reliability

Delivers compact, high-output cooling for NVIDIA NVL72 (GB200 & GB300) in a 4U rack. Over 7,000 units shipped for all In Rack CDU models combined, with Redfish API integration for secure management.

### - Sustainability and Cost Reduction

Achieves up to 40% energy savings for data center through efficient power use and stable operation, compared to air-cooled data centers.

### - Reliability and Risk Mitigation

Equipped with long-life, proven pumps with a track record in automotive usage, even in harsh environments.

### - Expertise and Service



# Quick Disconnect

## UQD & MQD

Support  
**NVL72**  
GB200 & GB300

In-house  
**Lathing**  
Machine

Cleanliness  
Class  
**100**

Line-UP  
**UQD**  
&  
**MQD**



### **- Proven Performance and Reliability**

Compatible of cooling the latest GPUs, GB200 and GB300. Proven track record with over 200k units shipped. Quality is guaranteed by 200% helium leak inspection performed for both individual parts and assemblies, with full inspection of all units.

### **- Stable Quality with high level cleanliness**

Automated line is set up for volume production under clean room Class 100.

### **- Integrated Production**

To prioritize quality, in-house dedicated lathing machines are utilized for Quick Disconnect components. Our vertically integrated production system covers machining, assembly, and inspection.

## LCM (Cold plate) GB200 & GB300

Support  
**NVL72**  
GB200 & GB300

**Integrated**  
Production

**Stable**  
Quality



-Designed to cool the latest GPUs, GB200 and GB300 , with proven leak test technology developed for helium-filled HDDs. Rigorous inspection and engineering ensure exceptional reliability.

-Complete in-house production, from design to assembly. This includes all key component process (Skived Fin, Heat Pipe), and precision assembly techniques (Brazing, Soldering, Laser welding).