



# OCP NIC 3.0 FRU CHANGE REQUEST

Updates for thermal and power capabilities reporting - Sep. 3<sup>rd</sup>, 2020



# PRESENT STATE

## Thermal reporting

Offset	Content
6	Hot Aisle Card Cooling Tier with Passive Cables or RJ45
7	Cold Aisle Card Cooling Tier with Passive Cables or RJ45.
19	Hot Aisle Card Cooling Tier with Active Cables
20	Cold Aisle Card Cooling Tier with Active Cables
9	Hot aisle standby airflow requirement
11	Cold aisle standby airflow requirement

# PROPOSED CHANGE

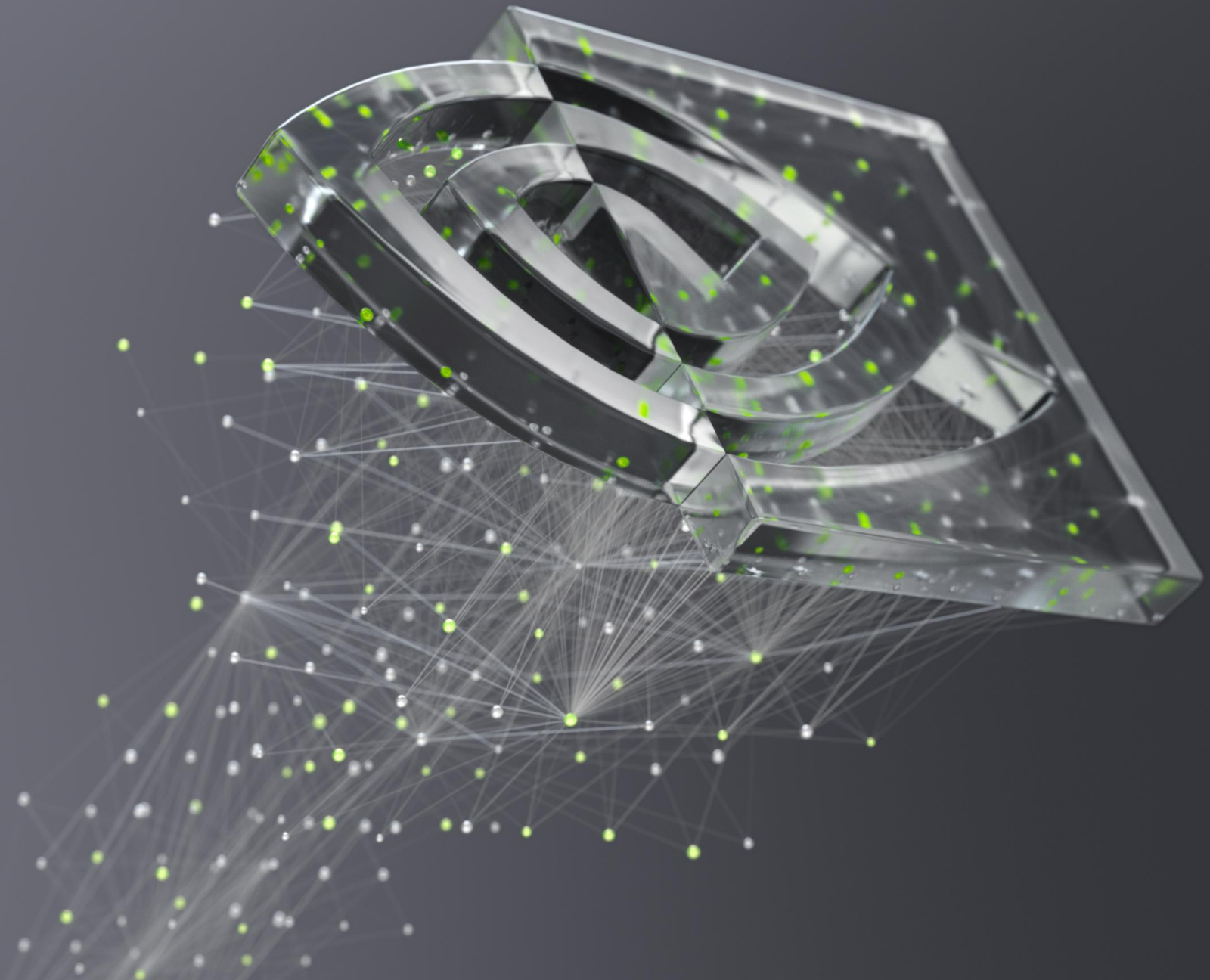
Complement the missing standby airflow requirements

Offset	Content
6	Hot Aisle Card Cooling Tier with Passive Cables or RJ45
7	Cold Aisle Card Cooling Tier with Passive Cables or RJ45.
19	Hot Aisle Card Cooling Tier with Active Cables
20	Cold Aisle Card Cooling Tier with Active Cables
9	Hot aisle standby airflow requirement <a href="#">with Active Cables</a>
11	Cold aisle standby airflow requirement <a href="#">with Active Cables</a>
25	<a href="#">Hot aisle standby airflow requirement with Passive Cables or RJ45</a>
26	<a href="#">Cold aisle standby airflow requirement with Passive Cables or RJ45</a>

# STANDBY PORT CAPABILITY FIELD

Adding ability to reflect the supported ports in AUX Power

24	1	<p>Aux Power Supported Ports</p> <p>Each bit indicates if the corresponding port can be active in Aux Power Mode. This is a bit map representation. The LSB represents Port 1, the MSB represents Port 8. Refer to Section 3.7.1 for the port numbering for OCP NIC 3.0 implementations.</p> <p>Examples:</p> <p>0b00000000 - No ports are enabled in Aux Power Mode or unknown.</p> <p>0b00000001 - Only Port 1 can be active in Aux Power Mode.</p> <p>0b00000010 - Only Port 2 can be active in Aux Power Mode.</p> <p>0b00000011 - Ports 1 and 2 can be active in Aux Power Mode.</p> <p>Etc.</p>
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