GPU WORLD / ENGINEERING RESOURCES

Liquid cooling project intake

What to collect for a direct-to-chip compatibility review

Project / site _____ **Target date** _____

01 Server and rack inventory

- [ ] **Identify the exact platform.** List the server and tray model, board revision, GPU form factor and count, CPU socket and count, and current cooling method.
- [ ] **Capture electrical load.** Provide measured peak or OEM-specified input kW per server and rack. Include other rack equipment and indicate which loads can run together.
- [ ] **Document physical constraints.** Include rack space, front/rear service access, hose routes, existing manifolds and any OEM retrofit or warranty restrictions.

02 Cooling and facility interfaces

- [ ] **Describe available heat rejection.** State whether the site has facility water or needs a liquid-to-air CDU. Provide room cooling capacity and allowable rack inlet conditions.
- [ ] **Record the facility-water conditions.** Give supply and return temperatures, available flow, differential pressure, coolant chemistry, pipe sizes and tie-in location.
- [ ] **List cooling-loop constraints.** Share the OEM coolant and wetted-material requirements, connector specification, required alarms and redundancy requirements, if known.

03 Scope and acceptance

- [ ] **Set the scope.** Identify whether you need plates, manifolds, hoses, quick disconnects, a CDU or an integrated package. Include the GW-LC reference code if known.
- [ ] **Agree how the design will be checked.** Identify who owns site piping, installation and testing. Agree acceptance criteria for flow, pressure drop, temperature, sustained load and leak alarms.

Send the available details for review

Attach equipment datasheets and a rack layout if available. Mark missing inputs as unknown. This checklist supports scoping. Confirm the duty point, operating limits and acceptance criteria for the specific project.

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