

Synterran ATL1

Rack interface summary

Design basis · For technical review

Preparing for construction. Planned colocation in Atlanta for customer-owned **NVIDIA Vera Rubin NVL72 (VR200)** systems. **Target service: Q1 2027.**

REFERENCE INTERFACES

Reference rack design	600 × 1,200 × 2,300 mm (W × D × H) reference envelope; 4,000 lb (about 1,814 kg) reference mass.
Rack design load	227 kW per rack. Rack spaces designed for this load.
Power delivery	Planned facility A/B branches to rack power shelves , supplied from one utility source.
Liquid cooling	45 °C rack-inlet design point. Facility CDUs and shared clean-coolant supply/return headers serve the OEM rack manifold and cold plates .

Reference basis only. Installed rack clearances, wheel loads and final electrical/coolant interfaces require OEM coordination.

RESPONSIBILITIES

Customer	Rack and hardware, OEM support, software and workloads.
Synterran	Facility power, cooling, interfaces, network configuration to the agreed specification and 24/7 monitoring . High-speed network-attached services available.
Jointly agreed	Delivery, network specification, support and commissioning.

POWER ARCHITECTURE

Utility-powered by design, with a simple power architecture. No full-rack UPS or on-site generator.

Basis: C05-R13 Sections 4.1, 5.1-5.2 and 7.1-7.2; responsibilities updated 25 Sep 2026.