

Future-proofed colocation offering extreme compute



How atNorth accelerates value:

Up to 40kW per Rack

Power Efficient

Cost Efficient

Sustainable Power

Multi MW Growth Available

Our state of the art colocation facilities are powered only by renewable energy.

Leading-edge computing infrastructure racks today require unprecedented power input. Low-density servers usually consume between 6-8 kW per rack, while high-density and HPC compute servers increasingly require some 20 to 40 kW of power per rack.

Such high-power demands inevitably require a departure from conventional data center design to achieve optimum operations. atNorth host some of the world's leading purpose-built high-density data center facilities — and have the power and cooling infrastructure to host cutting-edge 20-40 kW/rack clusters and data center services as well as more conventional servers.

Part of the atNorth advantage stems from its competitively priced, reliable, 100% sustainable power

— with equally reliable, free air cooling — combined with a staff of specialists working around the clock to ensure maximum performance from every cluster. Additionally, for any HPC deployment, atNorth also provides seamless integration with an innovative HPC-as-a-Service offering called **HPCFLOW**.

Co-locate your cluster with atNorth and expect to yield 2-3x more cores for your workloads compared to standard public cloud data centers. If you are an HPC user co-locating your cluster, atNorth ensure the ideal, power-dense, cooling-intensive, HPC-native compute environment — while also providing the option to rapidly scale up and scale back on-demand HPC resources via **HPCFLOW**.

atNorth are future-proofed against HPC's specialized operating environments — and architected around some of the world's most stable and reliable power grids, high-efficiency cooling, and operating parameters.

With Tier 1-3 data centers operating PUE ratings from 1.03 (that are also ISO 27001 certified), atNorth provide the maximum high-density compute infrastructure requiring minimum customer concerns over day-to-day data center and HPC operational details.

atNorth's highly trained data center and HPC operational and engineering specialists are dedicated 24/7 to delivering optimal operations so your team can concentrate on innovating and modeling faster.

Contact an atNorth sales specialist to discover how colocation can transform, accelerate, and maximize your data center experience today.

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