DATA CENTER

advania
data centers

Colocation for maximum compute capacity

World's lowest colocation TCO allows you to deploy more in less space.

Colocation facilities tailored for high-density equipment allow for maximum compute performance.

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

Up to **40kW** per Rack

Power **Efficent**

Cost Efficient

Sustainable Power

Multi MW Growth Available

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.

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Such high-power demands inevitably require a departure from conventional data center design to achieve optimum operations. Advania Data Centers (ADC) 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 ADC 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, ADC also provides seamless integration with an innovative HPC-as-a-Service offering called HPC**FLOW.**

Co-locate your cluster with ADC 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, Advania Data Centers 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 HPC**FLOW**.

Advania Data Centers 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.

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

ADC'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 Advania Data Center sales specialist to discover how colocation can transform, accelerate, and maximize your data center experience today.

Get in touch with us: sales@advaniadc.com

Visit: advaniadc.com