

WHY LEADING

GPU Cloud Providers

Choose NEXTDC

IN AUSTRALIA



NEXTDC

where AI lives™

Build faster. Scale smarter. Stay in control.

As global demand for GPU-as-a-Service accelerates, fuelled by breakthroughs in AI, machine learning, gaming, and real-time rendering, a new generation of cloud-native platform providers is on the rise: fast, flexible, and built to scale.

These Neocloud Operators are rapidly expanding into high-growth regions, and Australia has become a Tier 1 destination for advanced infrastructure investment.

Real success in this market goes beyond just securing power and space, it's about leveraging key factors like AI-ready infrastructure, a robust interconnect ecosystem, sovereign-grade compliance, unbeatable scalability, and custom-tailored deployments to drive performance and growth. These elements come together in:

- AI-ready infrastructure built for performance at scale
- Interconnect ecosystem with national reach
- Tier 1 Nation advantage: sovereign-grade compliance and data assurance
- Scalable. Reliable. Always-on.
- Custom infrastructure. Your design.

NEXTDC delivers all that – and more

With data centres in every major Australian city, Sydney, Melbourne, Brisbane, Perth, Adelaide, Canberra and Darwin — we place you close to the nation's largest enterprise and population hubs. Our facilities are purpose-built for AI-scale performance, supporting extreme-density GPU deployments, advanced liquid cooling, and direct access to Australia's cloud and carrier ecosystem via our AXON interconnect fabric. As density requirements continue to evolve, our infrastructure is designed to scale with the demands of next-generation AI.

And now, with new sites launching soon across Asia and the Pacific — including Tokyo, Kuala Lumpur, and New Zealand — NEXTDC is enabling the world's most advanced GPU cloud platforms to scale seamlessly across the region.

Here's why the most trusted GPU Cloud Providers
choose NEXTDC when entering the Australian market.



AI-Ready Infrastructure Built for Performance at Scale

NEXTDC's facilities are purpose-built to support the performance and density required by modern GPU workloads — giving Neocloud Providers the foundation to deploy GPU-as-a-Service with confidence, speed, and control.

High-density rack architecture

Our infrastructure supports ultra-high-density racks, enabling the deployment of next-generation GPU clusters — including NVIDIA Blackwell and other advanced AI systems. From model training to inference and large-scale generative AI, our data centres are optimised to support the most intensive and performance-critical workloads.

Liquid cooling-ready environments

As AI systems become more compute-intensive, thermal management becomes a key differentiator. NEXTDC facilities are designed to support advanced liquid cooling — including rear-door heat exchangers, direct-to-chip, and immersion cooling — based on your specific deployment requirements.

We work hand-in-hand with GPU providers to customise cooling infrastructure, ensuring optimal performance, energy efficiency, and hardware longevity.

Outcome

Flexibility to deploy the cooling method that best suits your architecture, while ensuring operational efficiency at scale.

Modular power and efficient thermal design

Our modular power infrastructure enables right-sized provisioning — so you can scale from initial rollout to full production without overcommitting upfront. Combined with intelligent thermal zones and real-time environment monitoring, we ensure efficient load balancing, energy efficiency, and lower total cost of operation — even under peak usage.

Outcome for Neocloud providers

- Faster time to deploy in-market GPU services
- Reduced TCO through operational efficiency
- Infrastructure future-proofed for next-gen AI workloads

NEXTDC isn't retrofitting yesterday's infrastructure for tomorrow's needs, we're building AI-first, GPU-ready environments from the ground up. Whether you're entering Australia for the first time or expanding your existing footprint, we give you the performance headroom, flexibility, and confidence to move fast and scale smarter.

Interconnect Ecosystem with National Reach

In AI infrastructure, performance isn't just about compute it's about how efficiently your workloads move between clouds, users, and applications. That's where NEXTDC's AXON interconnect fabric and carrier-neutral model deliver an unmatched strategic advantage.

Cloud, internet and partner ecosystems – all within reach

Our data centres provide direct, high-speed access to all major public cloud on-ramps, internet exchanges, and partner environments. Whether you're building hybrid AI platforms, connecting federated models, or managing multi-cloud GPU clusters, you can move data seamlessly and without bottlenecks.

On-ramp ready

AWS, Microsoft Azure, Google Cloud, Oracle Cloud, IBM Cloud, and more.

Subsea cable integration for global AI routing

NEXTDC data centres are strategically located near international subsea cable landings, enabling low-latency routes for cross-border GPU workloads — including federated learning models, multi-region training, and inferencing at the edge.

For Neocloud Operators building global GPU-as-a-Service platforms, this means your AI workloads in Australia are just milliseconds away from key markets across Asia and the Pacific.

National metro and regional reach

With data centres across Australia's major capitals Sydney, Melbourne, Brisbane, Perth, Darwin, Adelaide and Canberra, NEXTDC provides nationwide interconnectivity for distributing workloads closer to users, clients, or edge applications. From metro fibre rings to intercapital links, your platform is always positioned for scale and reach.

Built-in resilience

Diverse fibre paths, cross-connects, and software-defined routing keep latency low and uptime high.

Outcome for Neocloud providers

- Faster AI service delivery across Australia and Asia
- Seamless integration with cloud, network, and ecosystem partners
- Flexible, low-latency architecture that grows with your platform

NEXTDC's interconnect ecosystem isn't just infrastructure — it's the AI-ready digital fabric that keeps your services performant, secure, and always within reach of your customers.

Tier 1 Nation Advantage: Sovereign-Grade Compliance and Data Assurance

When selecting a country to deploy critical AI infrastructure, not all regions are created equal. Cloud and AI-first companies – especially those delivering GPU-as-a-Service – must consider more than just connectivity or cost. Regulatory risk, data control, and geopolitical stability matter. A lot.

Australia is classified as a Tier 1 nation, meaning it's one of a select group of countries that meet the highest global benchmarks for digital trust, infrastructure resilience, and regulatory alignment. This makes it an ideal environment to host advanced AI workloads and scale your GPU platform with confidence.

What does "Tier 1 Nation" mean?

"Tier 1" typically refers to countries that offer:

- Stable political and economic environments
- Strong legal systems with enforceable IP protections
- High compliance with global security, privacy, and data laws
- Reliable access to clean energy, skilled talent, and digital infrastructure
- Close alignment with U.S. and European standards

In short, Tier 1 nations provide low-risk, high-assurance environments for running mission-critical digital services — especially for companies operating in AI, cloud, and data-intensive sectors.

Why NEXTDC delivers sovereign-grade peace of mind

NEXTDC's data centres are designed from the ground up with security, compliance, and trust in mind — and we operate exclusively in Australia.



Here's how we support sovereign-grade AI infrastructure:

✓ Full data residency in Australia

All customer data remains 100% onshore, ensuring compliance with Australian privacy, cyber, and sovereignty laws — including requirements for government, finance, healthcare, and defence workloads.

✓ Certified to the highest global standards

NEXTDC facilities hold end-to-end certifications for:

- ISO 27001 – Information Security Management
- SOC 2 Type II – System and Organisation Controls
- PCI DSS – Payment Card Industry Data Security

✓ Zero-trust physical and logical security

NEXTDC data centres feature:

- 24/7 manned security
- Multi-layered biometric access zones
- CCTV and anti-tailgating systems
- Encrypted interconnects and monitoring
- Secure cages, suites, and halls for sensitive deployments

✓ Trusted by Australia's most security-conscious organisations

We partner with federal and state governments, defence contractors, healthcare providers, and global hyperscalers who demand the highest levels of uptime, privacy, and resilience.

✓ Built for the new AI regulatory landscape

As AI-specific regulations emerge across the globe from the EU AI Act to Australia's Privacy Act reforms deploying inside a compliant, Tier 1 ecosystem will be critical for long-term success. With NEXTDC, you're already aligned.

The bottom line for GPU cloud providers

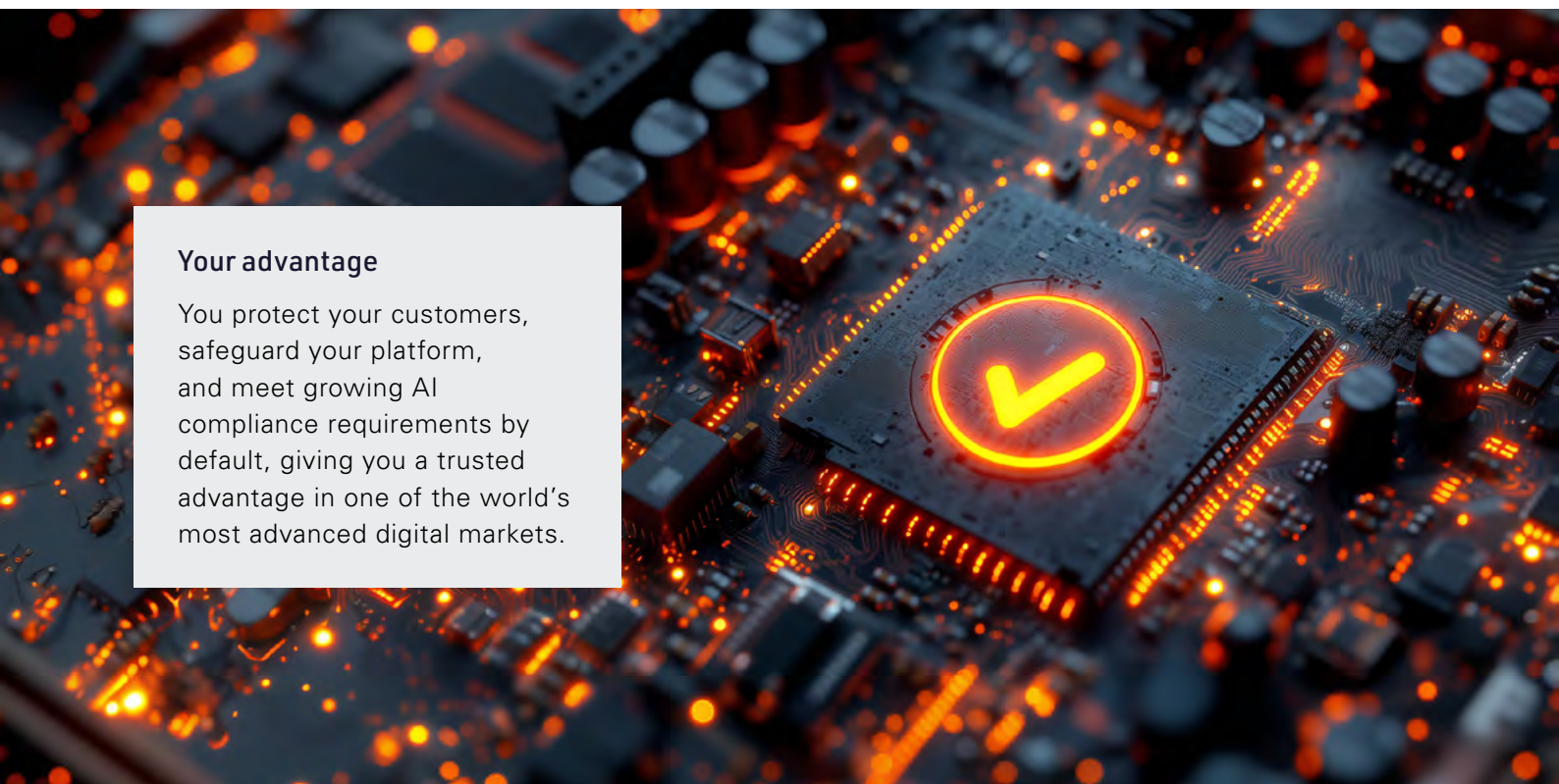
As a Neocloud Operator entering Australia, your customers expect:

- Compliance from day one
- Secure environments for model training and inference
- Data control that aligns with public and enterprise expectations

With NEXTDC, compliance isn't a checkbox, it's a foundation. You inherit an environment that meets or exceeds global standards, backed by a Tier 1 digital economy with clear legal protections and trusted governance.

Your advantage

You protect your customers, safeguard your platform, and meet growing AI compliance requirements by default, giving you a trusted advantage in one of the world's most advanced digital markets.



Scalable. Reliable. Always-On.

When delivering GPU-as-a-Service, downtime isn't just inconvenient it's expensive. Every second of lost availability can mean service degradation, customer churn, missed SLAs, or halted AI training pipelines. That's why infrastructure reliability isn't optional, it's foundational.

NEXTDC's data centres are purpose-built to support always-on AI workloads, from inference pipelines to massive-scale model training all with the highest levels of resilience and operational integrity.

100% Uptime SLA – across every facility

While some providers offer 100% uptime guarantees at individual sites, NEXTDC is the only data centre operator in Australia to deliver a 100% uptime SLA across a truly national footprint — with facilities in every major capital city. This end-to-end commitment spans power, cooling, and critical infrastructure, giving customers consistent, high-availability infrastructure wherever they grow.

Redundant power and cooling – Tier III+ equivalent

All NEXTDC facilities are engineered to Tier III+ equivalent standards, featuring:

- Dual-path power and cooling systems
- Multiple power feeds, UPS, and backup generators
- Redundant chillers and cooling distribution paths
- Real-time environmental and infrastructure monitoring

This design ensures no single point of failure, delivering true N+1 or better resilience — critical for keeping GPU clusters running without interruption.

Real-time local support

Every NEXTDC facility is staffed by on-site support teams, available 24/7, trained to manage GPU deployments and resolve operational issues in real time.

Rack provisioning

NEXTDC works closely with your team to ensure racks are provisioned to your exact design requirements — fast, precisely, and with minimal friction.

From day one, you're supported by local experts who collaborate with you on every step of deployment — not left waiting in a ticket queue.

- Equipment delivery and installation
- Power and cooling adjustments for high-density workloads
- Physical access and logistics coordination

You get high-touch provisioning support tailored to your infrastructure needs, ensuring deployment happens at speed and scale — exactly how you planned it.

Why this matters for Neocloud operators

As you scale your GPU-as-a-Service footprint into Australia, your infrastructure must:

- Keep pace with customer demand
- Support ultra-high-density compute
- Operate with zero tolerance for downtime

NEXTDC gives you that assurance — not just with technical design, but with contractual guarantees, local expertise, and a national platform that scales as you do.

Outcome

Your infrastructure stays online, optimised for high-density GPU workloads, and protected by Tier IV certified resilience — enabling you to scale GPU-as-a-Service with confidence, reliability, and compliance.



Custom Infrastructure. Your Design.

Not all GPU deployments are created equal – and not every data centre partner is built to flex with your platform requirements. That's where NEXTDC sets itself apart.

Unlike public cloud platforms or rigid colocation providers offering one-size-fits-all options, NEXTDC gives you complete design freedom to build your ideal AI infrastructure — tuned to your architecture, your performance goals, and your customer experience expectations.

Modular deployment. Tailored to your platform.

Whether you're deploying NVIDIA Blackwell, H100s, AMD Instinct GPUs, or a custom AI stack, NEXTDC supports:

- Flexible rack configurations — with support for up to 300kW per rack today, and designs underway to deliver up to 600kW with next-generation direct-to-chip liquid cooling
- Liquid cooling integration — including rear-door heat exchangers, direct-to-chip cooling, and immersion-ready setups
- Contiguous footprints — for seamless GPU pod expansion over time

Need to mix and match density, power, or interconnect options?

We collaborate with your team to design infrastructure that fits your AI platform.

OEM + orchestration ready

We integrate with the vendors and tooling you trust:

- Preferred OEM support for NVIDIA, AMD, Supermicro, Dell, and more
- Compatibility with containerised infrastructure using Kubernetes, Docker, or Slurm
- Support for orchestration frameworks like Run:AI, Kubeflow, or internal scheduling tools

*Your infrastructure stays open,
programmable, and cloud-agnostic
— exactly how you designed it.*

Build with our AI infrastructure team

NEXTDC isn't just offering space — we're offering collaboration. Our AI Infrastructure Team partners with you from day one to:

- Review design schematics and density targets
- Plan for staged deployments or burst capacity
- Map network interconnects and cooling pathways
- Align your rollout with regional power availability and future site expansion

Our goal? To de-risk your deployment, reduce your time to revenue, and build an environment that performs exactly the way your platform — and your customers — expect.

Why this matters for Neocloud providers

In GPU-as-a-Service, infrastructure agility equals market advantage. Your ability to respond to workload changes, new models, or customer growth depends on how well your physical environment supports your architecture.

NEXTDC gives you the freedom to deploy the way you want, with the reliability and scale of Australia's most advanced data centre network.

What you gain

Your infrastructure. Your standards.
Your platform — deployed faster, with less friction, and built to scale as your organisation grows.

Ready to build smarter in Australia?

The future of AI is global, but your infrastructure needs to be local, high-performance, and built to scale.

Whether you're launching GPU-as-a-Service for the first time or expanding into high-growth regions, NEXTDC gives you the power, flexibility, and reliability to move faster, operate leaner, and serve customers without compromise.

With AI-ready data centres across Australia's capital cities — and expansion across Asia — we provide the trusted digital foundation your business needs to thrive in one of the world's most connected and opportunity-rich markets.

- Purpose-built for GPU density and liquid cooling
- Carrier-neutral with cloud on-ramps and subsea cable access
- Embedded in a richly interconnected ecosystem of clouds, carriers, enterprises, and governments
- Backed by a 100% uptime SLA and sovereign-grade compliance
- Tailored deployments designed around your platform — not ours

Let's Talk

Ready to see what AI-first infrastructure looks like in Australia – built around your platform, your performance goals, and your growth plans?

NEXTDC's AI Infrastructure team is here to collaborate with you from day one. Whether you're deploying GPU-as-a-Service, scaling distributed training clusters, or entering the Australian market for the first time, we'll help you:

- Identify the ideal location based on density, network reach, and power availability
- Tailor your deployment to meet current needs and future scale
- Accelerate your go-to-market strategy with infrastructure that's ready when you are

Let's build the environment your AI platform deserves, without compromise.

Contact our AI Infrastructure team today

Launch with confidence. We'll help you de-risk your deployment with expert support and proven experience.



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