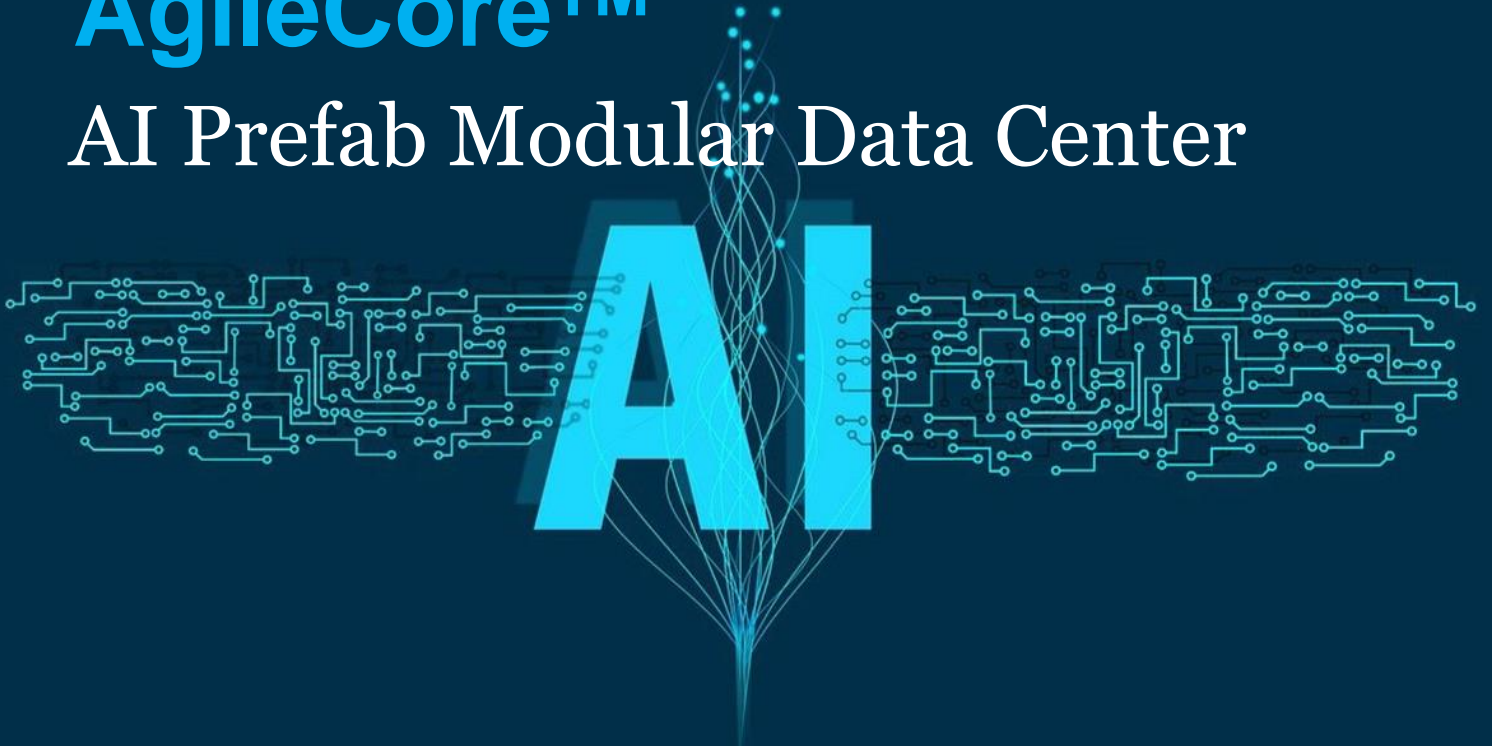
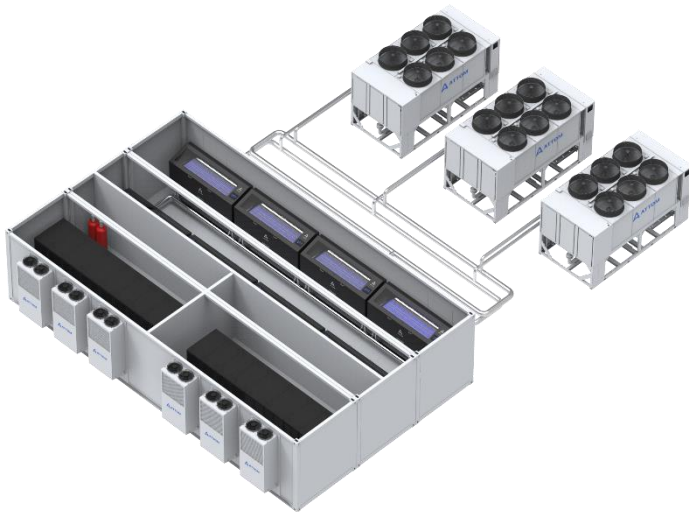


AgileCore™

AI Prefab Modular Data Center



Building Foundation of Digital Future



Efficiency Prefabricated

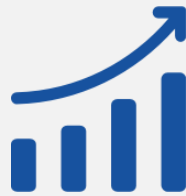
Why Work with Attom

Experts of Prefabricated Modular Data Centers



Quality

Products designed with heart featuring reliable quality and balanced cost to improve your business margin and performance.



Speed

A professional team always standby with service spirit and quick response to support your business agility.



Flexibility

Fully customizable as per your requirements to build your own product solution and boost your own business.

Certifications



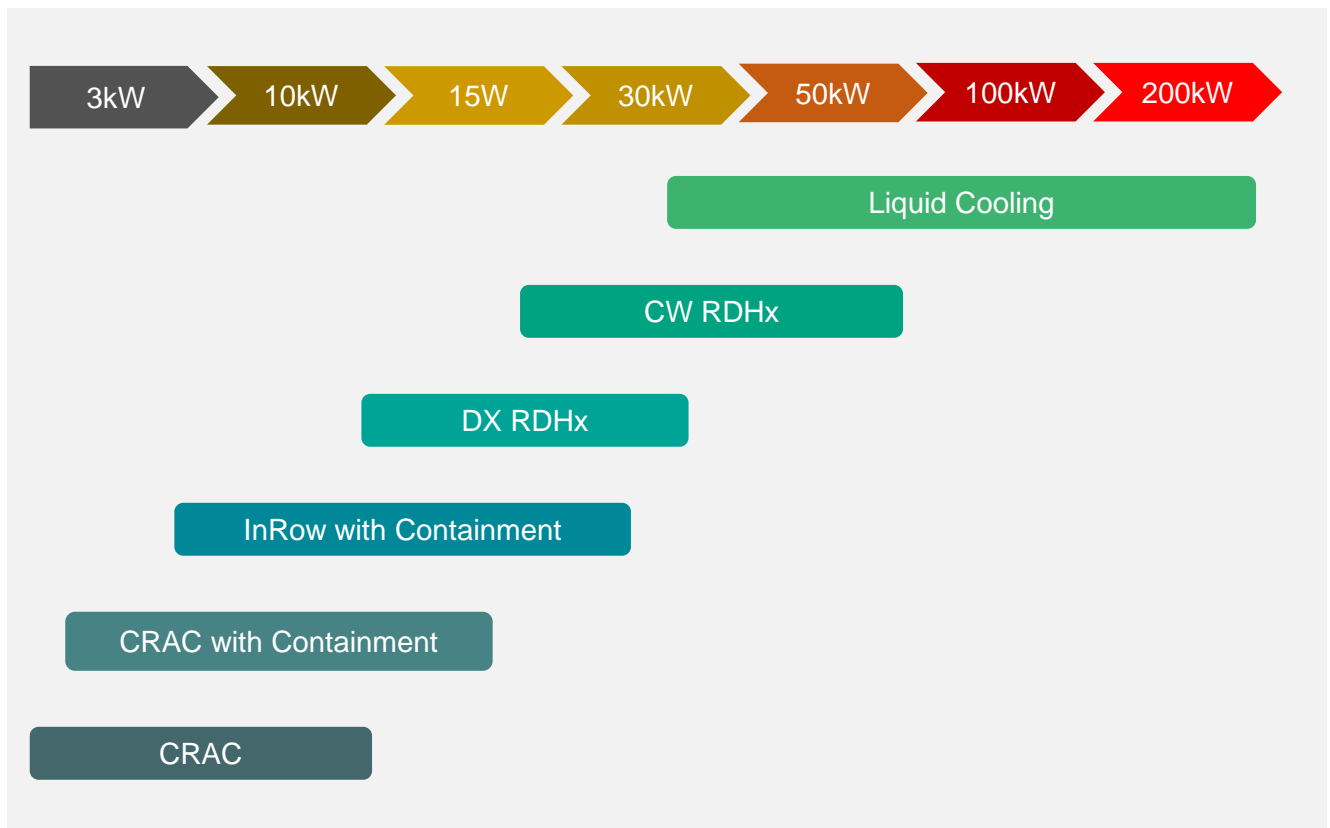
Customized Efficiency



AgileCore™ AI Prefabricated Modular Data Centers

AI Challenges Conventional Air-cooling Infrastructure

The increasing demands of Artificial Intelligence workloads are presenting significant challenges and fundamentally reshaping the thermal management landscape within data centers.



AI workloads are driving unprecedented power densities, pushing the limits of conventional air-cooling infrastructure.

The adoption of advanced cooling technologies such as direct-to-chip and immersion liquid cooling, offers superior heat dissipation capabilities for high-performance AI processors.

Furthermore, our integrated solutions leverage rear-door heat exchangers as a critical component in a holistic cooling strategy, effectively capturing exhaust heat at the source and improving overall data center efficiency.

By embracing these advanced thermal management solutions, data centers can confidently support the demanding requirements of AI deployments while achieving greater sustainability and operational.

Efficiency Prefabricated

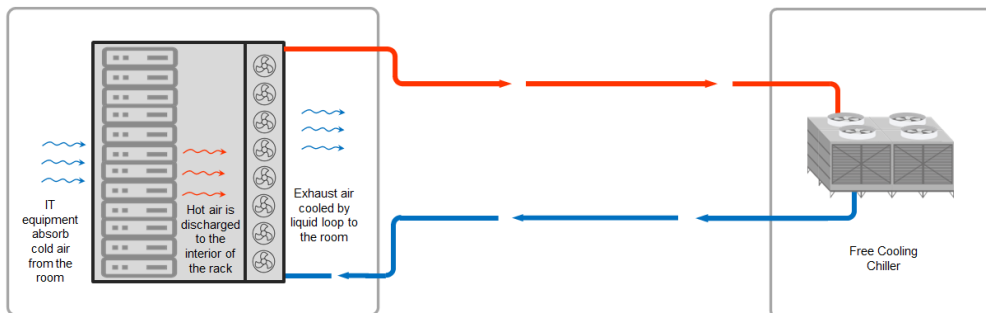


AgileCore™ AI Prefabricated Modular Data Centers

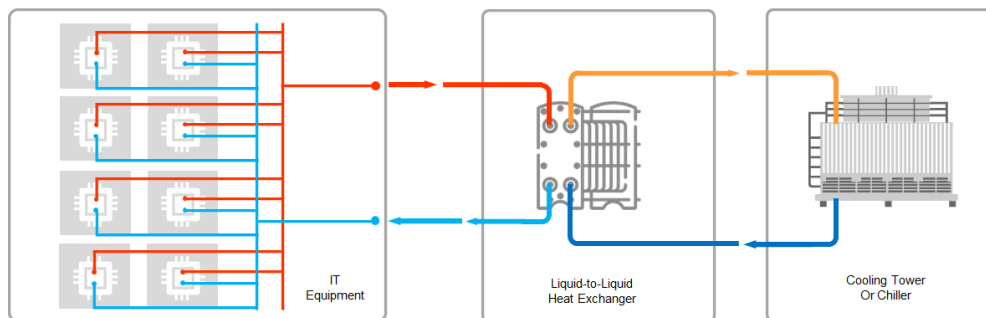
Full Liquid Cooling Solutions for AI

Liquid cooling, which offers significantly higher heat transfer efficiency compared to air, is becoming a popular solution for cooling high-performance AI hardware directly. We possess a full spectrum of liquid cooling capabilities, including direct to chip, immersion cooling, and rear door heat exchanger, to effectively manage the heat generated by today's demanding IT infrastructure.

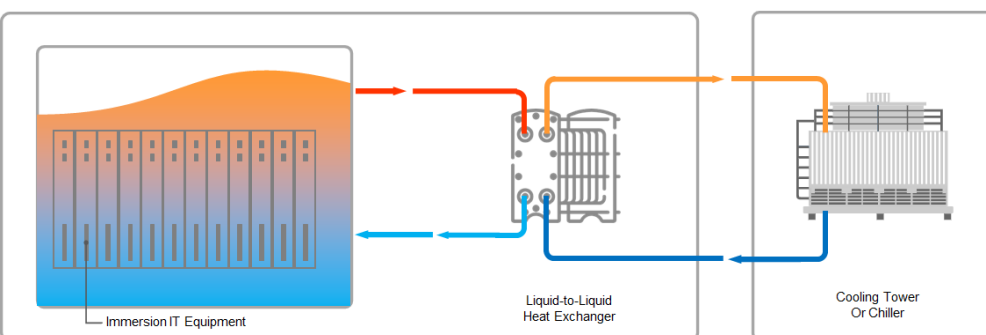
> Rear Door Heat Exchanger Solution



> D2C (Direct to Chip) Liquid Cooling Solution



> Immersion Liquid Cooling Solution



AgileCore™ AI Prefabricated Modular Data Centers

AI Ready Pre-Engineered Modular Data Centers

AI Ready Pre-Engineered Modular Data Centers with advanced liquid cooling technologies represent the future of data center infrastructure, providing a sustainable and efficient solution for the demands of modern computing.

AI Rack DC		<p>Rack based AI Micro DC integrates liquid cool, or high-density air cool into an All-In-One Solution, to support the flexible, scalable, and high-performance computing environments for AI experimentation, AI development, and AI prototyping.</p>
Prefab Liquid Cool		<p>AI Training demands peak computational power, generating extreme heat. Our Prefabricated Liquid Cooling solutions, featuring Direct-to-Chip and RDHx technologies, are designed to meet these challenges. Rapid deployment and scalability further empower organizations to accelerate their AI initiatives.</p>
Prefab Immersion Cool		<p>Prefab Immersion Cool Solutions are designed to handle the high-power densities associated with large-scale AI training clusters. Supporting massive computational resources and efficient data processing.</p>
Prefab Containerized DC		<p>Prefab Containerized DC with modular design allows for rapid deployment of AI Farm infrastructure in various location. It offer flexible liquid cooling solutions that optimize energy efficiency, reducing operational costs for large-scale AI deployments. It can be deployed into edge locations, and harsher environment.</p>

AgileCore™ AI Prefabricated Modular Data Centers

Rack Based Liquid Cool for AI Startup, Pilots and Edges

For AI startups, pilots, and edge deployments, rack-based liquid cooling offers a compact, efficient solution. It enables high-performance computing within standard rack footprints, providing precise thermal management. This allows for flexible, scalable AI infrastructure, crucial for rapid innovation and decentralized AI applications.

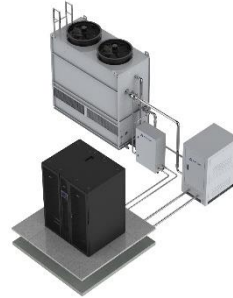
1 Rack 100kW D2C Liquid Cool

70kW Liquid
CDU & Cooling Tower

30kW Air
Inrow DX with HEX

120kVA
Modular UPS Power

AgileRax
All in One Platform



1 Rack 50kW RDHx Liquid Cool

65kW
RDHx Liquid Cool

Chiller
with Free Cooling

90kVA
Modular UPS Power

AgileRax
All in One Platform



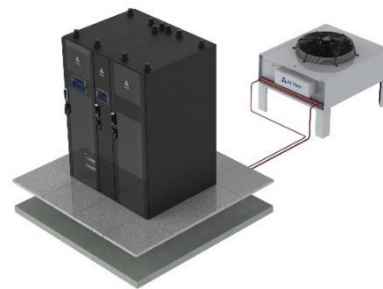
1 Rack 25kW Air Cool

30kW
Inrow Air Cool DX

Free Cooling
Optional for Better PUE

60kVA
Modular UPS Power

AgileRax
All in One Platform

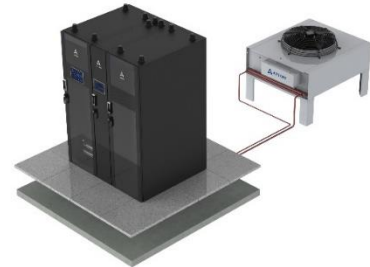


Efficiency Prefabricated

AgileCore™ AI Prefabricated Modular Data Centers

Rack Based Liquid Cool for AI Startup, Pilots and Edges

TECHNICAL DATASHEET



MODEL	ATM-090-AL	ATM-050-AD	ATM-030-AR
IT Load	90	50	25
IT Racks	1	1	1
Heat Density -kw/Rack	90	50	25
TIER Level	T1	T1	T1
Dimension	1.2m(D) x 2.0m(H) x 1.5m(W)	1.6m(D) x 2.0m(H) x 1.2m(W)	1.2m(D) x 2.0m(H) x 1.5m(W)
Cooling System			
Liquid Cool Topology	DCLC 70kW	RDHx 65kW	-
Air Cool Topology	Inrow 30kW Water Cooled	-	Inrow 30kW Air Cooled
Heat Rejection	Cooling Tower	Air Cooled Chiller	Air Cooled Condenser
Power System			
UPS Power -kVA	120	90	60
Backup Time -min	5	5	5
PDU	Basic/Smart	Basic/Smart	Basic/Smart
DCIM			
Monitoring Display	10" Color Touch	10" Color Touch	10" Color Touch
Monitoring Host	EM099	EM099	EM099
Sensors	Full Sensors	Full Sensors	Full Sensors
Reporting Protocols	Modbus/SNMP	Modbus/SNMP	Modbus/SNMP
Security System and Others			
Access Control	3 in 1 and Remote	3 in 1 and Remote	3 in 1 and Remote
Fire Protection	Novec1230	Novec1230	Novec1230

Notes:

1. Fire protection module with Novec1230 is optional.
2. SNMP protocol is optional.
3. Tailor-made design can be accepted.
4. Modifications to product parameters due to technical changes without prior notice.

Efficiency Prefabricated



AgileCore™ AI Prefabricated Modular Data Centers

Containerized Liquid Cool for AI Labs, Training Centers

For AI labs and training centers, containerized liquid cooling offers a flexible, high-density solution. It enables rapid deployment of advanced AI infrastructure, with efficient thermal management. This modular approach supports scalable, on-demand computing for evolving AI research and training needs.

800kW / 10 Rack D2C Liquid Cool

2N Liquid Cool

2x 1520kW CDU

Inrow AC

For Air Cool of IT

2N Power

2x 1000kW Modular UPS

AgileCub

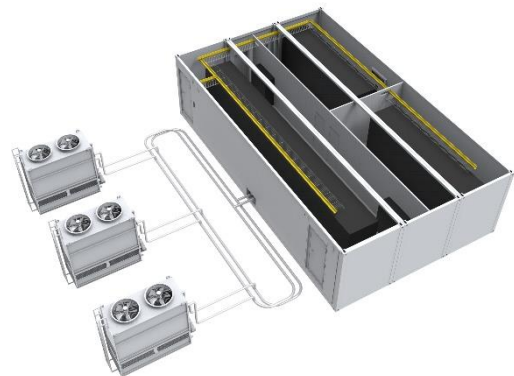
Containerized Platform

Cooling Tower

32/42 Warm Water FCS

Wall Cool

For Power Modules



500kW / 10 Rack RDHx Liquid Cool

RDHx

10x 65kW RDHx

Wall Cool AC

For IT Room Environment

2N Power

2x 600kW Modular UPS

AgileCub

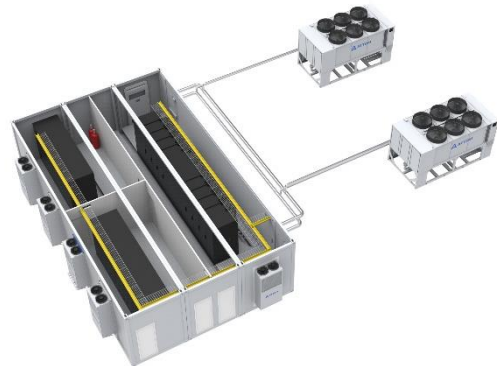
Containerized Platform

Chiller

With Free Cooling

Wall Cool AC

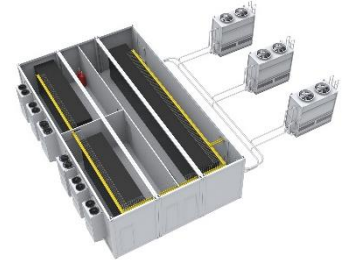
For Power Modules



AgileCore™ AI Prefabricated Modular Data Centers

Containerized Liquid Cool for AI Labs, Training Centers

TECHINICAL DATASHEET



MODEL	ATM-800-AU	ATM-500-AD
IT Load	800	500
IT Racks	10	10
Heat Density -kw/Rack	80	50
TIER Level	T3	T3
Dimension	12.8m(L) x 3.0m(H) x 7.3m(W)	12.8m(L) x 3.0m(H) x 7.3m(W)
Cooling System		
Liquid Cool Topology	DCLC 2x 1520kW	RDHx 10x 65kW
Air Cool Topology	Inrow DX WC 4x 65kW	-
Heat Rejection	Cooling Tower	Air Cooled Chiller
Power System		
UPS Power -kVA	1000	600
Backup Time -min	5	5
PDU	Basic/Smart	Basic/Smart
DCIM		
Monitoring Display	21" Color Touch	21" Color Touch
Monitoring Host	EM099	EM099
Sensors	Full Sensors	Full Sensors
Reporting Protocols	Modbus/SNMP	Modbus/SNMP
Security System and Others		
Access Control	3 in 1 and Remote	3 in 1 and Remote
Fire Protection	Novec1230	Novec1230

Notes:

1. SNMP protocol is optional.
2. Tailor-made design can be accepted.
3. Modifications to product parameters due to technical changes without prior notice.

Efficiency Prefabricated



AgileCore™ AI Prefabricated Modular Data Centers

Containerized Immersion Cool for AI Labs, Training Centers

For AI labs and training, containerized immersion cooling provides extreme density and efficiency. It submerges servers, maximizing heat removal. This enables ultra-high-performance computing in a deployable, modular format, ideal for advanced AI development and training.

800kW / 8 Tank Immersion Cool

Immersion Cool

8x 100kW Immersion Tanks

2N CDU

For Each Tank

2N Power

2x 1000kW Modular UPS

AgileCub

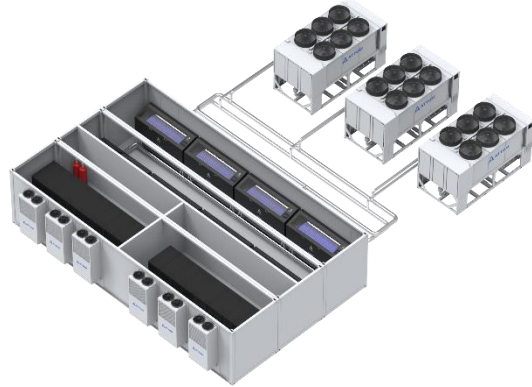
Containerized Platform

Chiller

With Free Cool

Wall Cool

For Power Modules



400kW / 4 Tank Immersion Cool

Immersion Cool

4x 100kW Immersion Tank

2N CDU

For Each Immersion Tank

2N Power

2x 600kW Modular UPS

AgileCub

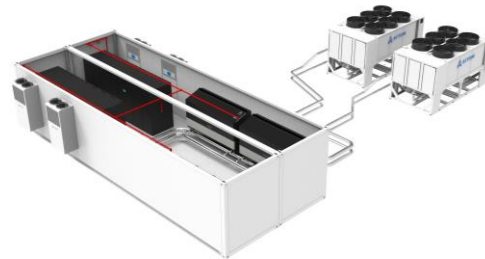
Containerized Platform

Chiller

With Free Cooling

Wall Cool AC

For Power Modules



AgileCore™ AI Prefabricated Modular Data Centers

Containerized Immersion Cool for AI Labs, Training Centers

TECHINICAL DATASHEET



MODEL	ATM-800-AS	ATM-400-AS
IT Load	800	400
IT Tanks	8	4
Heat Density -kw/Rack	100	100
TIER Level	T3	T3
Dimension	12.8m(L) x 3.0m(H) x 7.3m(W)	12.8m(L) x 3.0m(H) x 7.3m(W)
Cooling System		
Liquid Cool Topology	Immersion Cool 8x 100kW	Immersion Cool 4x 100kW
Air Cool Topology	Wall Cool	Wall Cool
Heat Rejection	Air Cooled Chiller	Air Cooled Chiller
Power System		
UPS Power -kVA	1000	600
Backup Time -min	5	5
PDU	Basic/Smart	Basic/Smart
DCIM		
Monitoring Display	21" Color Touch	21" Color Touch
Monitoring Host	EM099	EM099
Sensors	Full Sensors	Full Sensors
Reporting Protocols	Modbus/SNMP	Modbus/SNMP
Security System and Others		
Access Control	3 in 1 and Remote	3 in 1 and Remote
Fire Protection	Novec1230	Novec1230

Notes:

1. SNMP protocol is optional.
2. Tailor-made design can be accepted.
3. Modifications to product parameters due to technical changes without prior notice.

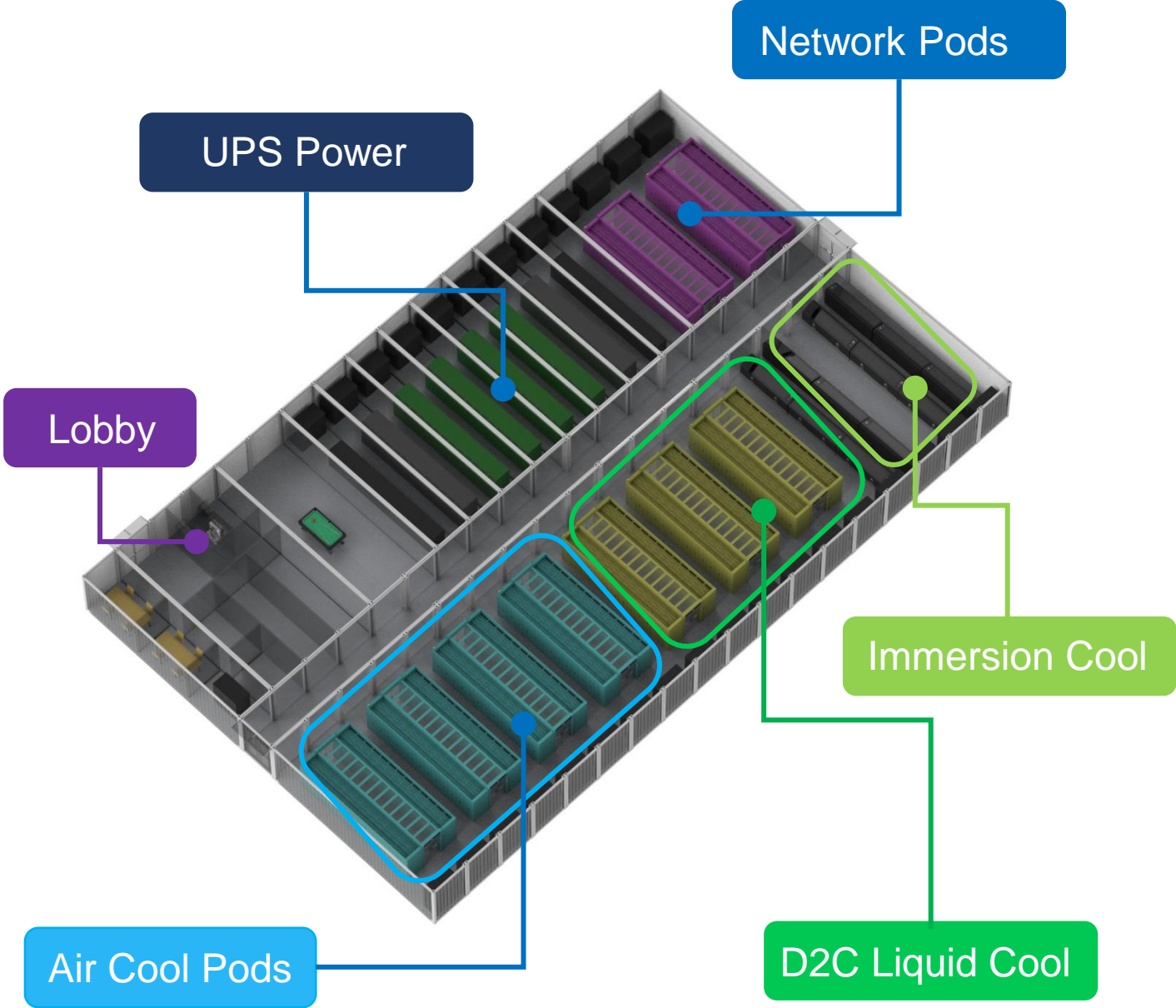
Efficiency Prefabricated



AgileCore™ AI Prefabricated Modular Data Centers

Containerized Prefab DC for AI Farm, AI Factory

For AI Farms and Factories, containerized prefab DCs offer rapid, scalable deployment. These units provide high-density computing, optimized cooling, and efficient power, crucial for AI workloads. Their modular approach enables flexible expansion and quick installation, supporting dynamic AI environments.



Efficiency Prefabricated



Full Solution Provider for AI Data Centers

Air Cool Platform



Rack Cool

- 3.9- 12kW Split type
- 3.5-5.5kW Package Type

Ceiling Cool

- 12- 36kW Split Type

Wall Cool

- 1.5- 30kW Package Type

Row Cool

- 5.6- 90kW Split Type
- 5.6 – 10.8kW Package Type

Room Cool

- 5.5- 120kW Split DX Type
- 24 – 260 kW CW Type

Liquid Cool Platform



Direct-to-Chip Liquid Cool

- 100kW CDU Rack Mount Type
- 350 – 1520kW CDU Row Mount Type
- Water Manifolds and Quick Connections
- Air cooled chiller with free cooling, cooling tower, and dry cooler.

RDx

- 25kW Split DX Type
- 30 – 65 kW CW Type

Immersion Liquid Cool

- 10kW – 2MW immersion cooling tanks, dry coolers and water connection kits.

Customized Efficiency



Our Customer Success

We always think in customer perspective to support our customers success. We build our long term success with the key value of **Customer First.**



Customized Efficiency



Our Global Deployments



Customized Efficiency



We believe the world is
being totally connected.
The digital connections are
creating smart intelligence
and a **better future.**

We design and deliver
green efficient data center
infrastructure products to
build foundation of digital
future.



USA

1450 NE Alex Way APT 299
Hillsboro, OR 97124, USA
+1 301 6789 288



CHINA

F101, #06 Yangchong Road,
Shenzhen, 518018, China
+86 755 2320 7298

Contact us
ATTOM TECHNOLOGY



Visit us on web
<https://www.attom.tech>



Email us
support@attom.tech

