

# ATTOM™

## Micro Modular Data Center

**Attom Micro Modular Data Center is a plug and play, fully integrated solution with built in cabinet, power, cooling, monitoring and security systems.**

Simplifying your IT system with this pre-manufactured, self-contained and readily scalable solution.

Design once and deploy anywhere.



**Let's Simplify IT**

# Key Benefits

An easy flexible, expandable, intelligent micro data center product is one of the keys to the edge computing success.

With all these in mind , we create this Attom Micro Modular Data Center products platform.

It's a plug and play, totally enclosed and fully integrated solution built in with rack, power & battery, cooling, monitoring and security systems.

## Easy Deployment

Pre-manufactured and fully tested means that no on-site engineering needed to activate the product. Within one day, you can deploy the IT equipments and quickly power on your business.

## Easy Management

Design once and deploy anywhere. By this standardized architecture and remote monitoring access platform, you can gain control of these critical assets, reduce risks and operational costs, and improving service levels.

## Easy Expansion

A stand alone full function solution. You can plan and invest your IT assets step by step while your business grows. Buy small and scale to big. Invest only when necessary.

# Application Industry

Edge Computing  
& Branching office  
Data Center

Private Cloud &  
Hybrid Cloud Data  
Center

Hyper-Converged  
Infrastructure  
Data Center

IoT & SMB



Medical &  
Health



Banks &  
Financial



Government &  
Education



Military, Energy  
& Mines



# Product Configuration

Attom Micro Modular Data Center developed with multiple configurations that fit into diverse application scenario.

The LEGO style design platform supports deep customization to meet the specific requirements of real world projects.



## ATM-03N

Portable and integrated with UPS, battery, power management, ventilation and full monitoring.

Ideal for mini office, portable networking.

## ATM-03W

Portable and integrated with dedicated top mounted cooling, UPS, battery, power management, and full monitoring.

Ideal for mission critical SMB, edge computing.

## ATM-06T

Pre-engineered, scalable, and integrated with dedicated rack mounted cooling, UPS, battery, power management, and full monitoring.

Ideal for mission critical SMB, branches, and edge computing.

## ATM-06F / ATM-10S

Pre-engineered, scalable, and integrated with dedicated row mounted cooling, UPS, battery, power management, and full monitoring.

Ideal for mission critical SMB, edge computing, and enterprise data center.

# Scalable Expansion

Attom Micro Modular Data Center designed and engineered with expansion compatibility, helps IT professionals smoothly plan, grow, and manage these future proof critical assets.

## Expandable Monitoring

Monitoring system communicates through bus-level protocol to include the future added critical equipments.

## Modular Cooling

3.9kW rack cooling and 5kW-41kW inrow cooling share capacity within the solution.



## Modular Power

3kVA-30KVA modular UPS. Add the power modules to expand capacity.

## Modular Cabinet

Cabinets and cold & Hot Aisle are easily combined to form a fully integrated row solution.



# Product Configuration

- Rack mounted UPS system and rack mounted battery system.
- Built in UPS manual bypass, power distribution, power metering, and power management. Short circuit protection, and surge protection.
- Row mounted, rack mounted, top mounted cooling systems.
- Fully closed containment guarantee low noise and energy efficiency.
- Monitoring power, environment, leaking and smoke status. View and control sub-system components such as UPS, cooling within the monitoring platform.
- Support N, N+1 and 2N redundancy configuration by customization.

## Monitoring System

Remote management through monitoring portal to view, control alert, and report micro data center conditions.

## Security System

Integrated access control and camera monitoring portal ensuring safety in public or low security areas.

## Cooling System

Dedicated cooling system specially designed to remove heat and maximize efficiency. Emergency ventilation activates in case cooling system failure.

## Power System

High efficiency UPS system with matching battery system protects IT equipments from poor power quality and power outage continuously.



# Technical Specification

Model	ATM-03N	ATM-03W	ATM-06T	ATM-06F	ATM-10S	Customized
<b>Unit</b>						
Available Space -U	18	18	28	34	34	Per Definition
Redundancy	N	N	N	N	N	N/N+1/2N
Width -mm	600	600	600	900	900	600/800
Depth -mm	1000	1100	1400	1400	1400	1000/1100 /1200/1400
Height -mm	1200	1590	2000	2000	2000	2600 Max.
Weight -kg	152	190	374	521	525	Per Situation
Input Power Type	230V/1P/50-60Hz	230V/1P/50-60Hz	230V/1P/50-60Hz	230V/1P/50-60Hz	230V/1P/50-60Hz	Per Situation
<b>Power</b>						
UPS -kVA	3	3	6	6	10	3/6/10/20/30
Mount Type	Rack	Rack	Rack	Rack	Rack	Rack
Standard Battery	12V/9AH 6Pcs	12V/9AH 6Pcs	12V/9AH 16Pcs	12V/9AH 16Pcs	12V/9AH 16Pcs	200Ah Max.
PDU	Basic 8Slots	Basic 8Slots	Basic 16Slots	Basic 16Slots	Basic 16Slots	Basic/Smart
<b>Cooling</b>						
Cooling Type	Ventilation	Packaged DX	Split DX	Split DX	Split DX	Packaged/Split
Mount Type	Top	Top	Rack	Row	Row	Top/Rack/Row
Capacity-kW	2.0	2.5	3.9	5.6	7.6	40.9 Max.
Emergency Ventilation	√	√	√	√	√	√
<b>Monitoring</b>						
	Touch Screen	Touch Screen	Touch Screen	Touch Screen	Touch Screen	Touch Screen
	Temp.&Hum.	Temp.&Hum.	Temp.&Hum.	Temp.&Hum.	Temp.&Hum.	Temp.&Hum.
	UPS Mgmt.	UPS Mgmt.	UPS Mgmt.	UPS Mgmt.	UPS Mgmt.	UPS Mgmt.
Monitoring Function	-	Cooling Mgmt.	Cooling Mgmt.	Cooling Mgmt.	Cooling Mgmt.	Cooling Mgmt.
	Smoke Sensor	Smoke Sensor	Smoke Sensor	Smoke Sensor	Smoke Sensor	Smoke Sensor
	-	Leaking Sensor	Leaking Sensor	Leaking Sensor	Leaking Sensor	Leaking Sensor
	Door Status	Door Status	Door Status	Door Status	Door Status	Door Status

## Options

- Intelligent PDU
- Video Camera
- Electronic door locking system.
- Battery with long back-up time up to 4 hours.
- Rack mount fire extinguisher system(FM200).
- SMS (Short Message Service) alarm module.
- Cabinets for future expansion.
- Power output distribution module.
- Low outdoor temperature (-40C) working kit for cooling system.
- Long piping working kit for cooling system.



We believe the world will  
be **totally connected.**

The connections are  
creating **intelligence**  
and, **a better world.**

We create **micro data**  
**center** products to  
accelerate **connections**  
and **intelligence**  
throughout to the edges.

## Contact

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