

Micro Modular Data Center

The 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 Product 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 DataCenter 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



Micro Data Center

The Micro Modular Data Center developed with multiple configurations that fit into diverse application scenarios.

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



CTM-03N

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

Ideal for mini office, portable networking.



CTM-03W **CTM-06E**

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

Ideal for mission critical SMB, edge computing.



CTM-06I

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.



CTM-06F **CTM-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

The 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 includes 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 incase 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 CTM-03N CTM-03W CTM-06E CTM-06T CTM-06F CTM-10S Customized							
Unit							
Available Space-U	18	18	25	28	34	34	Per Definition
Redundancy	N	N	N	N	N	N	N/N+1/2N
Width -mm	600	600	600	600	900	900	600/800
Depth -mm	1000	1100	1100	1400	1400	1400	1000/1100 /1200/1400
Height -mm	1200	1590	2000	2000	2000	2000	2600 Max.
Weight -kg	152	190	330	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	230V/1P/50-60Hz	Per Situation
Power							
UPS-kVA	3	3	6	6	6	10	3/6/10/20/30
Mount Type	Rack	Rack	Rack	Rack	Rack	Rack	Rack
Standard Battery	12V/9AH 6Pcs	12V/9AH 6Pcs	12V/9AH 16Pcs	12V/9AH 16Pcs	12V/9AH 16Pcs	12V/9AH 16Pcs	200Ah Max.
PDU	Basic8Slots	Basic8Slots	Basic 16Slots	Basic 16Slots	Basic 16Slots	Basic16Slots	Basic/Smart
Cooling							
Cooling Type	Ventilation	PackagedDX	Packaged DX	Split DX	Split DX	Split DX	Packaged/Split
Mount Type	Top	Top	Top	Rack	Row	Row	Top/Rack/Row
Capacity-kW	2.0	2.5	3.5	3.9	5.6	7.6	40.9 Max.
Emergency Ventilation	√	√	√	√	√	√	√
Monitoring							
Touch Screen Touch Screen Touch Screen Touch Screen Touch Screen Touch Screen Touch Screen							
Temp.&Hum. Temp.&Hum. Temp.&Hum. Temp.&Hum. Temp.&Hum. Temp.&Hum. Temp.&Hum.							
UPS Mgmt. UPS Mgmt. UPS Mgmt. UPS Mgmt. UPS Mgmt. UPS Mgmt. UPS Mgmt.							
Monitoring Function	-	Cooling Mgmt.	CoolingMgmt.	CoolingMgmt.	CoolingMgmt.	Cooling Mgmt.	CoolingMgmt.
Smoke Sensor Smoke Sensor Smoke Sensor Smoke Sensor SmokeSensor						Smoke Sensor	SmokeSensor
-		Leaking Sensor	Leaking Sensor	Leaking Sensor	Leaking Sensor	Leaking Sensor	LeakingSensor
DoorStatus		DoorStatus	DoorStatus	Door Status	DoorStatus	DoorStatus	

Options

-IntelligentPDU

- VideoCamera

-Electronic door locking system.

-Battery with longback-up time up to 4 hours.

-Rack mountfire extinguisher system(FM200).

-SMS (Short Message Service) alarm module.

-Cabinets forfuture expansion.

-Power outputdistribution module.

-Low outdoortemperature (-40C) working kit for cooling system.

-Long piping workingkit for cooling system.



Outdoor Micro Data Center

The outdoor type Micro Modular Data Center developed with multiple configurations that fit into diverse application scenario.



CTW-06T

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

Ideal for mission critical SMB, outdoor station, and edge computing.



CTW-06F / CTW-10S

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

Ideal for mission critical SMB, outdoor station, and edge computing.

Product Configuration

- IP55 water proof structure design for outdoor application.
- Rack mounted UPS system
- Built in UPS manual bypass, power distribution, power metering, and power management. Short circuit protection, and surge protection.
- Row mounted, rack 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.

Rack System

Rack for servers, switch and other network device.



Cooling System

Dedicated cooling system specially designed to remove heat and maximize efficiency.

Power System

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

Technical Specification

Model		CTW-06T	CTW-06F	CTW-10S	Customized
Unit					
Available Space-U	50	51	45	Per Definition	
Redundancy	N+1	N+1	N+1	N/N+1/2N	
Width -mm	2000	2000	2000	2000/2600	
Depth -mm	1600	1600	1600	1400/1600/1800	
Height -mm	2300	2300	2300	2600 Max.	
Weight -kg	600	900	920	Per Situation	
Input PowerType	230V/1P/50-60Hz	230V/1P/50-60Hz	230V/1P/50-60Hz	Per Situation	
Power					
UPS -kVA	6	6	10	3/6/10/20/30	
MountType	Rack	Rack	Rack	Rack	
Standard Battery	12V/38AH16Pcs	12V/38AH 20Pcs	12V/65AH 18Pcs	200Ah Max.	
PDU	Basic 16Slots	Basic 16Slots	Basic 16Slots	Basic/Smart	
Cooling					
Cooling Type	SplitDX	SplitDX	SplitDX	Packaged/Split	
MountType	Rack	Row	Row	Top/Rack/Row	
Capacity-kW	3.9	5.6	7.6	40.9 Max.	
Monitoring					
MonitoringFunction	TouchScreen	Touch Screen	Touch Screen	Touch Screen	
	Temp.&Hum.	Temp.&Hum.	Temp.&Hum.	Temp.&Hum.	
	UPS Mgmt.	UPS Mgmt.	UPS Mgmt.	UPS Mgmt.	
	CoolingMgmt.	CoolingMgmt.	CoolingMgmt.	CoolingMgmt.	
	Smoke Sensor	Smoke Sensor	Smoke Sensor	Smoke Sensor	
	LeakingSensor	Leaking Sensor	LeakingSensor	LeakingSensor	
	DoorStatus	DoorStatus	DoorStatus	DoorStatus	

Options

- IntelligentPDU
- VideoCamera
- Electronic door locking system.
- Battery with longback-up time up to 4 hours.
- Rack mountfire extinguisher system(FM200).
- SMS (Short Message Service) alarm module.
- Low outdoortemperature (-40C) working kit for cooling system.



Containerized Micro Data Center

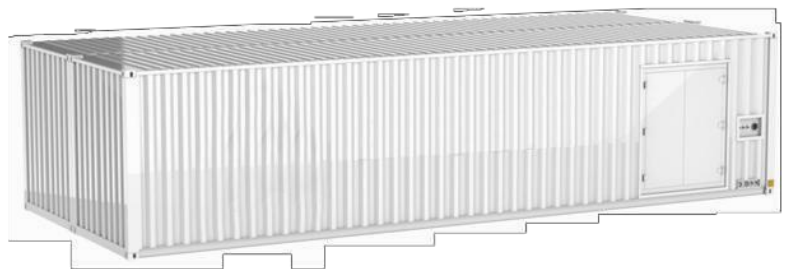
The container type Micro Modular Data Center developed with multiple configurations that fit into diverse application scenario.



CTW-40Y

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

Ideal for mission critical SMB , outdoor application, and edge computing.



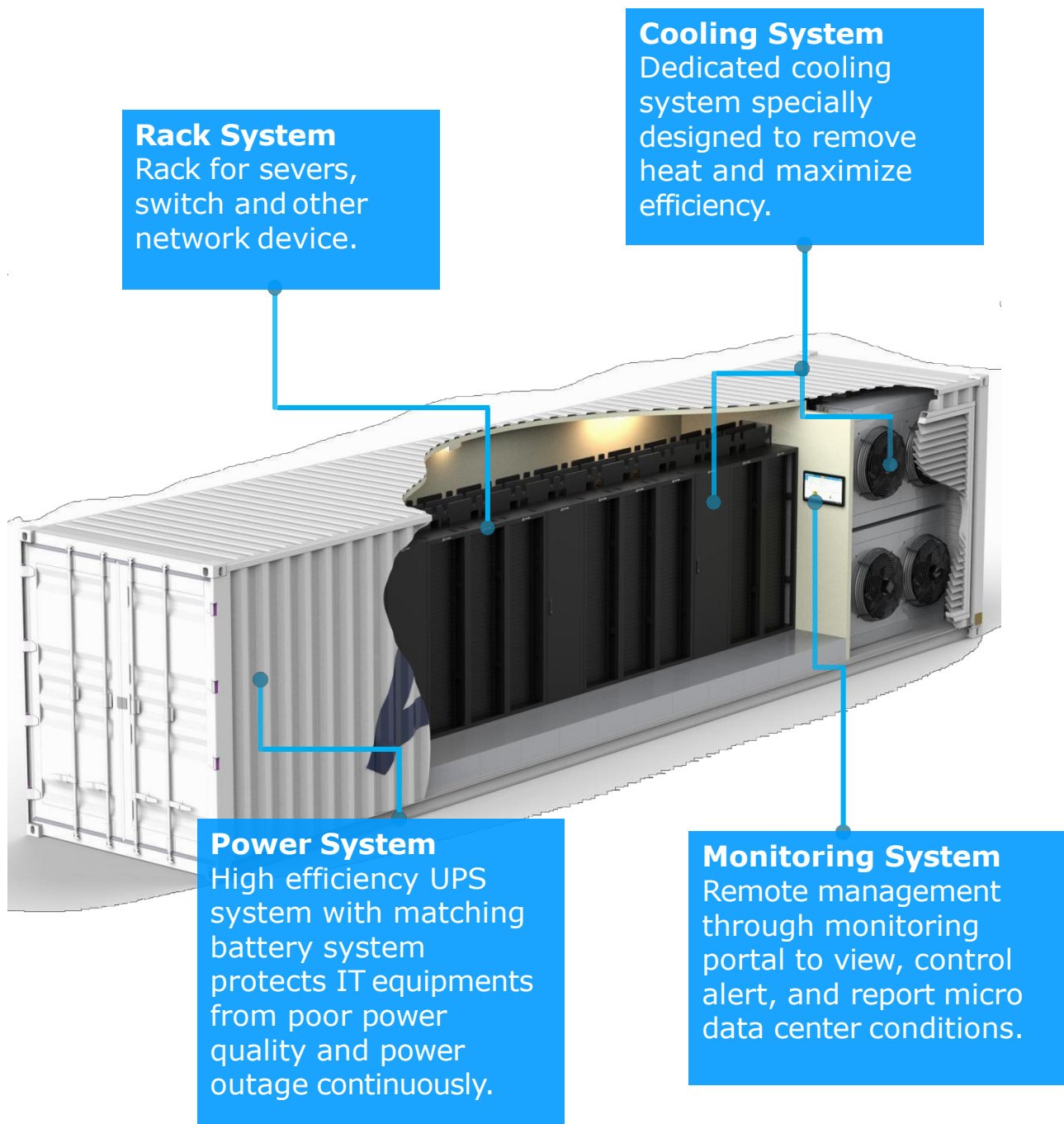
CTW-80U

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

Ideal for mission critical SMB , outdoor application, and edge computing.

Product Configuration

The container type Micro Modular Data Center designed and engineered with general container size, all in one design helps IT professionals deploy data center quickly and easily.



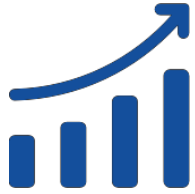
Technical Specification

Model	ATW-40Y	ATW-80U	Customized
Unit			
IT RackQuan.	4-6	8-14	Per Definition
Redundancy	N+1	N+1	N/N+1/2N
Width -mm	2438	2438	2438
Length-mm	6058	12192	6058/12192
Height-mm	2896	2896	2896
Weight-kg	2220	3970	Per Situation
Input PowerType	380V/3P/50-60Hz	380V/3P/50-60Hz	Per Situation
Power			
UPS-kVA	60	100	60/80/100/120
Mount Type	Rack	Rack	Rack
Standard Battery	12V/100AH 36Pcs	12V/100AH 72Pcs	200Ah Max.
PDU	Basic 16Slots	Basic 16Slots	Basic/Smart
Cooling			
Cooling Type	SplitDX	SplitDX	DX/CW
Mount Type	Row	Row	Row/Room/Container
Capacity-kW	21.5*3	40.9*3	Per Situation
Monitoring			
MonitoringFunction	Touch Screen	Touch Screen	Touch Screen
	Temp.&Hum.	Temp.&Hum.	Temp.&Hum.
	UPS Mgmt.	UPS Mgmt.	UPS Mgmt.
	CoolingMgmt.	CoolingMgmt.	CoolingMgmt.
	Smoke Sensor	Smoke Sensor	Smoke Sensor
	LeakingSensor	LeakingSensor	LeakingSensor
	Camera	Camera	Camera

Options

- IntelligentPDU
- Electronic doorlocking system.
- Battery with longback-up time up to 4 hours.
- SMS (Short Message Service) alarm module.
- Low outdoortemperature (-40C) working kit for cooling system.

Why Work With Us



Products

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



Support

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



Customization

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

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.

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