

CABLINE Container Micro Data Center Series



The Container-type Micro Data Centre designed in a standard size with an all-in-one configuration, facilitating quick and easy deployment for IT professionals.

- Fire System: Features fire extinguishers and early detection technology.
- Cooling System: Offers 2.5kW to 40kW precision cooling in various mount types.
- Monitoring System: Integrates monitoring of system status both locally and remotely.
- UPS System: Provides 3kVA to 200kVA modular UPS for continuous power.
- Power Distribution: Includes comprehensive management of all power lines.
- Security System: Combines a 3-in-1 access control (PIN, Fingerprint, RFID) with video monitoring.
- Battery System: Optional rack-mounted lead-acid and lithium-ion batteries.
- Rack System: Standard 19-inch server cabinet with options for heavy loads up to 1800kg.

The main features and environmental adaptability of each data centre model are as below:

- 10F Container Data Centre: A 10-foot model with standard racks, cooling, and comprehensive power systems, offering IP55 environmental protection for outdoor use in temperatures from -35°C to 55°C.
- 20F Container Data Centre: A 20-foot version, similar to the 10-foot, with robust security and monitoring, suited for outdoor environments.
- 40F Container Data Centre: A large 40-foot container fully equipped for extensive global operations, featuring IP55 protection.
- Dual Container Data Centre: Made from two or more containers, equipped with advanced cooling and security, ready for global deployment under IP55 standards.

Specifications – CABLINE containerized Micro Data Center

Product Model	HCA-CT02A	HCA-CT02B	HCA-CT06A	HCA-CT06B	HCA-CT16A	HCA-CT14A	HCA-CT32A	HCA-CT30A	
IT Rack No.	2	2	6	6	16	14	32	30	Per Definition
Power Density -kW/Rack	5.0	10.0	5.0	10.0	5.0	10.0	5.0	10.0	Per Definition
Redundancy	N+1	N+1	N+1	N+1	N+1	N+1	N+1	N+1	N/N+1/2N
Width -mm	2438	2438	2438	2438	2438	2438	4876	4876	Per Definition
Depth -mm	2991	2991	6058	6058	12192	12192	12192	12192	Per Definition
Height -mm	2896	2896	2896	2896	2896	2896	2896	2896	Per Definition
Weight -kg	4170	4400	8135	8755	16475	17845	32380	36000	Per Definition
IP Level	IP55	IP55	IP55	IP55	IP55	IP55	IP55	IP55	IP55
Input Power	380-415V/3P /50-60Hz	380-415V/3P /50-60Hz	380-415V/3P /50-60Hz	380-415V/3P /50-60Hz	380-415V/3P /50-60Hz	380-415V/3P /50-60Hz	380-415V/3P /50-60Hz	380-415V/3P /50-60Hz	Per Definition
Power Section									
UPS -kVA	2* 10	3* 10	3* 15	5* 15	5* 25	7* 25	8* 25	7* 50	3 – 500kVA
UPS Mount Type	Rack	Rack	Rack-Modular	Rack-Modular	Rack-Modular	Rack-Modular	Rack-Modular	Floor-Modular	Rack/Floor
Standard UPS Battery	15min@10kW	15min@20kW	15min@30kW	15min@60kW	15min@80kW	15min@140kW	15min@160kW	15min@300kW	<= 4 hour
AC PDU	Smart/Basic PDU	Smart/Basic PDU	Smart/Basic PDU	Smart/Basic PDU	Smart/Basic PDU	Smart/Basic PDU	Smart/Basic PDU	Smart/Basic PDU	Per Definition
-48VDC -A	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	10 – 600A
Standard 48VDC Battery	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	<= 4 hour
48VDC Power Distribution	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Per Definition
Cooling Section									
Cooling Type	Packaged DX	Packaged DX	Packaged DX	Packaged DX	Packaged DX	Packaged DX	Packaged DX	Packaged DX	Packaged/Split
Mount Type	Wall	Wall	Wall	Wall	Wall	Wall	Wall	Wall	Row/Room/Wall
Capacity-kW	2* 12.5	2* 21.2	3* 17.5	4* 21.2	5* 21.2	8* 21.2	10* 21.2	18* 21.2	1.5 – 200.0kW
DCIM Section									
Local Display	Touch Screen	Touch Screen	Touch Screen	Touch Screen	Touch Screen	Touch Screen	Touch Screen	Touch Screen	Touch Screen
Remote Access	Web Access	Web Access	Web Access	Web Access	Web Access	Web Access	Web Access	Web Access	Web Access
Reporting Protocol	Modbus/SNMP	Modbus/SNMP	Modbus/SNMP	Modbus/SNMP	Modbus/SNMP	Modbus/SNMP	Modbus/SNMP	Modbus/SNMP	Modbus/SNMP
UPS Mgmt.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Cooling Mgmt.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Temperature Humidity Sensor	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Fire Sensor	Smoke	Smoke	Smoke	Smoke	Smoke	Smoke	Smoke	Smoke	Smoke
Water Sensor	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Door Sensor	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Security Section									
Access Control	RFID/Pin/Finger	RFID/Pin/Finger	RFID/Pin/Finger	RFID/Pin/Finger	RFID/Pin/Finger	RFID/Pin/Finger	RFID/Pin/Finger	RFID/Pin/Finger	RFID/Pin/Finger
Video Surveillance	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Fire Fighting Section									
Fire Extinguisher	FM200 / Novec1230	FM200 / Novec1230	FM200 / Novec1230	FM200 / Novec1230	FM200 / Novec1230	FM200 / Novec1230	FM200 / Novec1230	FM200 / Novec1230	FM200 / Novec1230
Early Detection	VESDA	VESDA	VESDA	VESDA	VESDA	VESDA	VESDA	VESDA	VESDA