



Huawei IDS1000A All-in-one Container Data Center Solution

To ease customers' pressure in data center investment such as site acquisition, energy saving, phased investment, and flexible expansion, Huawei has launched All-in-one type container data center solution. As a new generation data center solution, it meets all requirements of traditional data center, and then it shows some unique advantages which could not be found in traditional solutions, such as outdoor deployment and high mobility.

With features like minimized site requirement, low infrastructure requirement, superior high-density power and high-efficiency energy, the All-in-one solution decreases CAPEX and OPEX significantly. The solution also provides cutting-edge capabilities for rapidly launching in disaster rescue, military, petroleum, and exploration projects, etc.

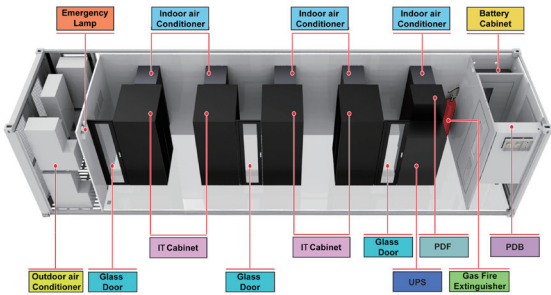
HUAWEI TECHNOLOGIES CO., LTD.



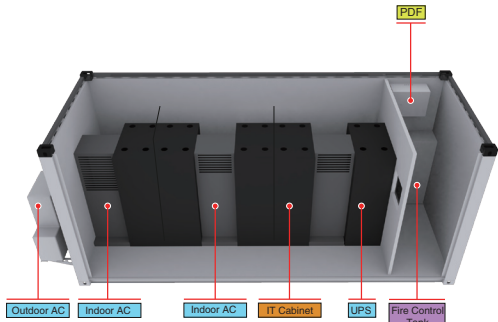
Huawei IDS1000A All-in-one Container Data Center Solution

Huawei offers two types of All-in-one solution, namely 40ft type and 20ft type. The solutions are scalable according to customers' requirement. As a total data center infrastructure solution, the All-in-one container integrates all sub-systems of a traditional data center, including power, cooling, IT cabinet, fire control, cabling, monitoring, and lightning protection, etc.

All-in-one 40ft type



All-in-one 20ft type



Technical Specifications

Specifications	All-in-one 40ft	All-in-one 20ft
Dimension (H × L × W)	9.6' × 8' × 40' (2896 mm × 2438 mm × 12192 mm)	9.6' × 8' × 20' (2896 mm × 2438 mm × 6058 mm)
Power supply	380/400/415V AC3-phase 4-line+PE	380/400/415V AC3-phase 4-line+PE
Operation temperature range	-40°C ~ +55°C / T1,T3 supported *	-40°C ~ +55°C / T1,T3 supported
Cooling mode	Air cooled chiller + Horizontal discharge InRow unit	Air cooled chiller + Horizontal discharge InRow unit
Cabinet Qty (set)	8z	4
Power consumption density	7.5 kW/Rack	7.5kW/Rack
UPS capacity	120kVA N+1 backup	60kVA N+1 backup
UPS backup time (minute)	10	5

*Note: T3 condition or high density solution should be applied by chilled water system.

Customer Values

One-stop solution

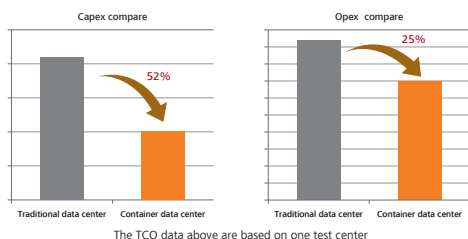
Container = IDC, the All-in-one type container data center solution incorporates all facilities required by an IDC, and can be used immediately after being powered on.

Flexible expansion

Multiple containers stack expansion and cluster expansion are available, and on-demand deployment is possible.

Low TCO

Standard modular design, flexible expansion and low-cost installation help saving CAPEX; high efficiency cooling system, hot aisle containment makes OPEX decreased.



Fast deployment

Ten-week manufacturing and one-week installation, all equipments are pre-installed in factory before delivery, making onsite installation unbelievably easy.

High reliability and integration

N+1 redundant power supply system and N+1 cooling system are designed, and maximum power consumption per container is 60kW with 7.5kW per rack.



Applications



Application in Russa Megapolis, which is the largest tobacco distributor in Russa.



Application in Venezuela CANTV, which is the largest telecommunication operator in Venezuela.



Application in Petroleo Brasileiro S.A.-Petrobras, which is the largest petroleum corporation in Brazil.



Application in China Mobile, which is the largest telecommunication operator in China.

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