

IDM Micro Module Data Center Solution



-  **Safety and reliability**
-  **Smart management**
-  **Energy-efficient**
-  **Quick Deployment**

IDM integrates cabinets, power supply and distribution system, cooling system, monitoring system, cabling system. As an All-In-One solution, IDM features quick deployment, energy Efficiency, smart management, safety and reliability

Safety and Reliability

N+1/2N redundant design. The continuous power supply with back up battery guarantees stable IT equipment operation.

- Multi-stage automatic alarm function. Real-time system condition monitoring.
- Containment top panel can be opened by the fire system.

Smart management

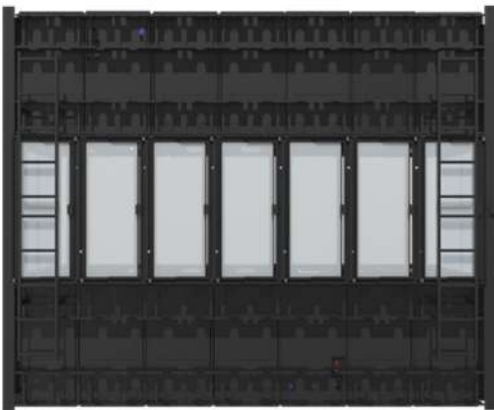
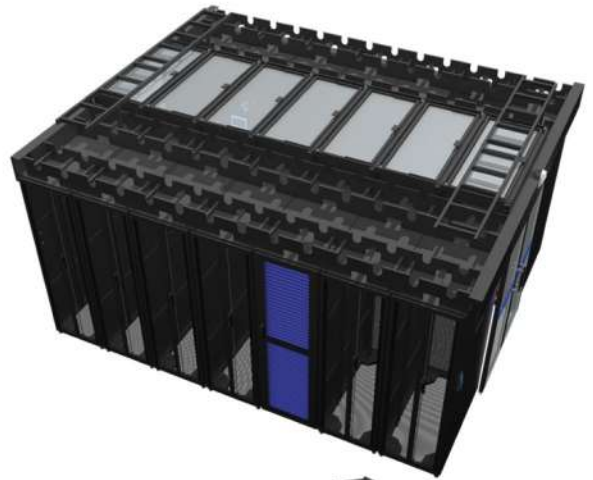
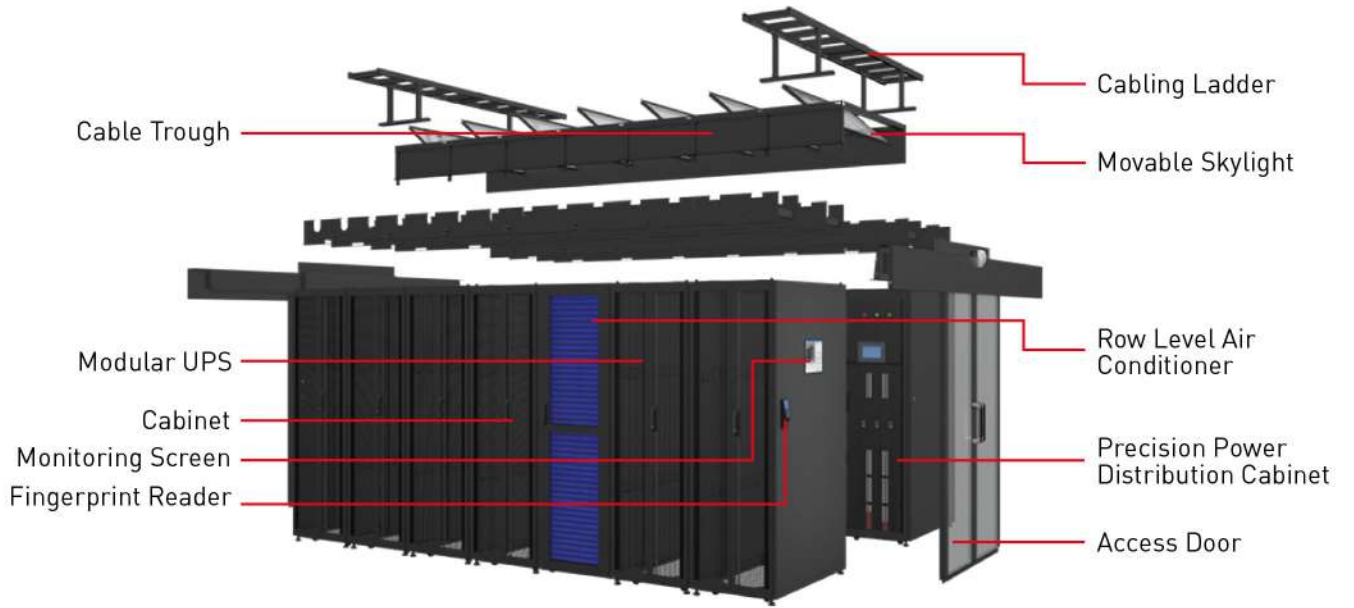
- Centralized monitoring platform makes us know the data center environment, power and temperature & humidity status in real-time.
- Powerful reporting capabilities.
- 365 days 7x24-hour unattended, remote monitoring. Minimize IT operation and maintenance costs.

Energy-efficient

- Sealing hot or cold ventilation channels, greatly reduced the energy consumption.
- Inrow air conditioner close to heat source delivering air flow accurately to where desired.
- Efficient modular UPS.
- High density. A single cabinet supports a maximum 15 kW to meets various customer requirements.

Quick Deployment

- Full integration of IT cabinet, UPS, battery, power distribution and precision cooling system.
- Modular components following international standards are quick to play within 7 days and greatly shorten the business on line cycle.
- Efficient modular UPS.
- Can be installed on a concrete floor, which greatly simplifies the corresponding engineering tasks.



Technical Specifications:

MODE	IDM-16CS	IDM-20CS	IDM-16CB	IDM-20CB	IDM-16CT	IDM-20CT	IDM-16CF	IDM-20CF
Installation Area (m2)	>24	>30	>24	>30	>24	>30	>24	>30
Installation Height (m)	2.6							
Cabinet Size (WxDxH) mm	600 x 1100 x 2000 (42U)							
Total IT capacity (KW)	55	75	80	104	90	130	120	165
Redundant Architecture	N + X							
Power Format	Input: 380V/3P; Output: 380V/3P							
UPS Power (KVA)	100	120	140	160	140	180	200	200
Backup Time (min)	10, 15, 30, 60, 120, 240min							
Redundant Architecture	N + 1							
Cooling Capacity (KW)	23	25	23	40				
Width (mm)	300	400	300	600				
MONITORING								
Temperature and Humidity Sensors	Standard configuration two, can local precision monitoring according to customer requirement							
Smoke Sensors	2							
Leak Detection	Yes							
Camera	2							
UPS	Yes							
Power Distribution Monitoring	Yes							
AC Monitoring	Yes							
KVM	Optional							