

Vertiv™ SmartAisle™ 2



Coming Soon

Available beginning in 2024

The Vertiv™ SmartAisle™ 2 is a Pre-Engineered Edge Data Center complete with power, cooling, and all the critical pieces required to ensure data center availability.



80%

Faster Deployment*



30%

Lower Deployment Cost*



20%

Lower Carbon Emissions*



Complete Containment

Fully contained hot and cold aisles enable more efficient cooling. EIA310 19-inch IT racks included for IT equipment.



Precision Cooling

In-row cooling units are included with N+1 Redundancy. They work in tandem with temperature sensors at the rack and supply air to optimize cooling capacity and increase energy efficiency.



Centralized Management & Monitoring

Equipped with revolutionary integrated communications module and touch screen control panel to provide unmatched access to the entire system including remote monitoring & control.



Power Management & Distribution

Pre-integrated power distribution across the entire system to the IT racks including N+1 redundancy.



Power Protection

Online Double-Conversion UPS with Unity power factor ensures clean power feeding to critical IT equipment.



Smart Security & Safety

Automatic sliding doors with fingerprint access. Magnetic locking roof with emergency exhaust ventilation.



Environmental Sensors

Reporting critical environmental information and alarm notifications ensure IT equipment is always kept at the desired conditions.

*For illustration purposes only. Figures are estimations based upon Vertiv's internal engineering studies and analysis. Actual deployment times, costs, and savings may vary depending upon scope, specifications, geographic locations, etc.

Site Planning Data

Vertiv™ Model Number	Max Power Capacity (kW)	IT Racks	Rack Type (U x mm x mm)	Capacity per Rack (kW)	Cooling Units	PDU Type	PDU Count	Distribution Type	Length (mm)
SA2N08068MFA1 ¹	68	8	42Ux600x1100	8.5	3	30 A	16	100kW PDB	4800
SA2N08068MFB1 ¹	68	8	42Ux800x1100	8.5	3	30 A	16	100kW PDB	4800
SA2N09068MXA1 ²	68	9	42Ux600x1100	7.6	3	30 A	18	100kW PDB	4200
SA2N09068MXB1 ²	68	9	42Ux800x1100	7.6	3	30 A	18	100kW PDB	4200
SA2N12100MFA1 ¹	100	12	42Ux600x1100	8.3	4	30 A	24	100kW PDB	5400
SA2N12100MFB1 ¹	100	12	42Ux800x1100	8.3	4	30 A	24	100kW PDB	5400
SA2N12100MXA1 ²	100	12	42Ux600x1100	8.3	4	30 A	24	100kW PDB	5400
SA2N12100MXB1 ²	100	12	42Ux800x1100	8.3	4	30 A	24	100kW PDB	5400
SA2N15125MFA1 ¹	125	15	42Ux600x1100	8.3	5	30 A	30	250A Busway	6000
SA2N15125MFB1 ¹	125	15	42Ux800x1100	8.3	5	30 A	30	250A Busway	6000
SA2N15125MXA1 ²	125	15	42Ux600x1100	8.3	5	30 A	30	250A Busway	6000
SA2N15125MXB1 ²	125	15	42Ux800x1100	8.3	5	30 A	30	250A Busway	6000
SA2N09137HFA1 ¹	137	9	42Ux600x1100	15.2	5	60 A	18	250A Busway	4200
SA2N09137HFB1 ¹	137	9	42Ux800x1100	15.2	5	60 A	18	250A Busway	4200
SA2N09137HXA1 ²	137	9	42Ux600x1100	15.2	5	60 A	18	250A Busway	4200
SA2N09137HXB1 ²	137	9	42Ux800x1100	15.2	5	60 A	18	250A Busway	4200
SA2N20172MFA1 ¹	172	20	42Ux600x1100	8.6	6	30 A	40	250A Busway	7800
SA2N20172MFB1 ¹	172	20	42Ux800x1100	8.6	6	30 A	40	250A Busway	7800
SA2N20172MXA1 ²	172	20	42Ux600x1100	8.6	6	30 A	40	250A Busway	7800
SA2N20172MXB1 ²	172	20	42Ux800x1100	8.6	6	30 A	40	250A Busway	7800
SA2N13200HFA1 ¹	200	13	42Ux600x1100	15.4	7	60 A	26	400A Busway	6000
SA2N13200HFB1 ¹	200	13	42Ux800x1100	15.4	7	60 A	26	400A Busway	6000
SA2N13200HXA1 ²	200	13	42Ux600x1100	15.4	7	60 A	26	400A Busway	6000
SA2N13200HXB1 ²	200	13	42Ux800x1100	15.4	7	60 A	26	400A Busway	6000

Notes

1. N+1 Redundancy
2. N+1 Redundancy, UPS placed outside the aisle.

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