





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

 <h2>80%</h2> <p><b>Faster deployment*</b></p>	 <h2>30%</h2> <p><b>Lower deployment cost*</b></p>	 <h2>20%</h2> <p><b>Lower carbon emissions*</b></p>
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*\*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.*



- Centralized infrastructure management**  
Enables central management of all intelligent equipment and IT devices within the system. Reading & data are consolidated into single platform.
- Racks with pre-integrated containment**  
EIA310 19-inch rack system coupled with tempered glass door enables fully enclosed system design. Allows focused cooling in IT environment.
- Precision cooling**  
Row-based solution designed to provide maximum cooling in a compact footprint. Cooling modulation enables cooling on demand and quickly adapts to load fluctuation.
- Optional Fire Suppression Cabinet**  
Favorable implementation costs compared to using a conventional data center approach, due to savings from integrated fire suppression.
- Electronic lock**  
Enables rack level security and access log is recorded intelligently. Supports local & remote door authorization.
- Emergency ventilation**  
Activates automatically in the event of overheating or cooling unit failure.
- Environmental sensor**  
Report critical environmental information and alarm notification. Ensure IT equipment is kept in desired condition.
- Power protection**  
On-line double conversion UPS with unity power factor ensures clean power feeding to critical IT equipment.
- Power management & distribution**  
Pre-assembled & pre-integrated switchboard with surge protection.
- Intelligent rPDU**
- 9-inch touchscreen panel**  
User-friendly display enables easy access to system running status & condition.

### Site planning data

Part 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)
SR2N02010NAA1	10	2	42Ux600x1400	5	1	30 A	2	10kW PMC	2100
SR2N02010PAA1	10	2	42Ux600x1400	5	1	30 A	4	10kW PMC	2100
SR2N02010FAA1	10	2	42Ux600x1400	5	2	30 A	4	10kW PMC	2400
SR2N03010NAA1	10	3	42Ux600x1400	3,3	1	30 A	3	10kW PMC	2700
SR2N03010PAA1	10	3	42Ux600x1400	3,3	1	30 A	6	10kW PMC	2700
SR2N03010FAA1	10	3	42Ux600x1400	3,3	2	30 A	6	10kW PMC	3000
SR2N03020NAA1	20	3	42Ux600x1400	6,6	1	30 A	3	20kW PMC	2700
SR2N03020PAA1	20	3	42Ux600x1400	6,6	1	30 A	6	20kW PMC	2700
SR2N03020FAA1	20	3	42Ux600x1400	6,6	2	30 A	6	20kW PMC	3000
SR2N04020NAA1	20	4	42Ux600x1400	5	1	30 A	4	20kW PMC	3300
SR2N04020PAA1	20	4	42Ux600x1400	5	1	30 A	8	20kW PMC	3300
SR2N04020FAA1	20	4	42Ux600x1400	5	2	30 A	8	20kW PMC	3600
SR2N05020NAA1	20	5	42Ux600x1400	4	1	30 A	5	20kW PMC	3900
SR2N05020PAA1	20	5	42Ux600x1400	4	1	30 A	10	20kW PMC	3900
SR2N05020FAA1	20	5	42Ux600x1400	4	2	30 A	10	20kW PMC	4200

### Site planning data with Fire Suppression

Part 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)
SR2N02010NAA2	10	2	42Ux600x1400	5	1	30 A	2	10kW PMC	2700
SR2N02010PAA2	10	2	42Ux600x1400	5	1	30 A	4	10kW PMC	2700
SR2N02010FAA2	10	2	42Ux600x1400	5	2	30 A	4	10kW PMC	3000
SR2N03010NAA2	10	3	42Ux600x1400	3,3	1	30 A	3	10kW PMC	3300
SR2N03010PAA2	10	3	42Ux600x1400	3,3	1	30 A	6	10kW PMC	3300
SR2N03010FAA2	10	3	42Ux600x1400	3,3	2	30 A	6	10kW PMC	3600
SR2N03020NAA2	20	3	42Ux600x1400	6,6	1	30 A	3	20kW PMC	3300
SR2N03020PAA2	20	3	42Ux600x1400	6,6	1	30 A	6	20kW PMC	3300
SR2N03020FAA2	20	3	42Ux600x1400	6,6	2	30 A	6	20kW PMC	3600
SR2N04020NAA2	20	4	42Ux600x1400	5	1	30 A	4	20kW PMC	3900
SR2N04020PAA2	20	4	42Ux600x1400	5	1	30 A	8	20kW PMC	3900
SR2N04020FAA2	20	4	42Ux600x1400	5	2	30 A	8	20kW PMC	4200
SR2N05020NAA2	20	5	42Ux600x1400	4	1	30 A	5	20kW PMC	4500
SR2N05020PAA2	20	5	42Ux600x1400	4	1	30 A	10	20kW PMC	4500
SR2N05020FAA2	20	5	42Ux600x1400	4	2	30 A	10	20kW PMC	4800

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