



APPLICATIONS

- New Data Center Build
- Data Center Retrofit or Expansion
- Cloud Computing
- Data Center Consolidation
- High Density Zone
- Remote Location Data Center
- Disaster Recovery
- Business Continuity

SAVINGS

CapEx

- Reduce the costs to plan, build, and implement your new facility by up to 80% vs. a Traditional Data Center (TDC)

OpEx

- Reduce footprint up to 75% vs. TDC
- Reduce cooling and electrical costs up to 50%
- Product can be moved by a pallet jack or forklift - reduce costs to relocate your facility by up to 50%
- Reduce overall operating costs up to 65%

Time

- Enclosures can be delivered within 8 weeks compared to 2 years for a TDC

R.A.S.E.R. DX

R.A.S.E.R. DX is a 42U, NEMA 3R, optional NEMA 4 Micro-Modular Data Center™ that provides 12 kW of closed loop cooling directly to the equipment.

These enclosures can fully replace the building shell of a traditional data center. Customers can add single units or groups of units as their requirements increase providing a perfectly flexible, scalable and cost-effective IT solution.



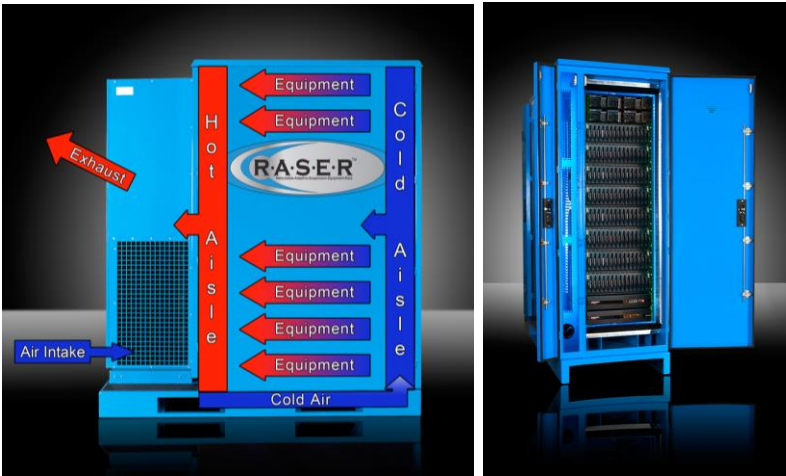
The R.A.S.E.R. DX is equipped with optional mission critical venting to protect equipment within the enclosure in the event of a power failure.



The R.A.S.E.R. DX is available with a NEMA 4 environmental package to protect equipment from harsh indoor or outdoor conditions.

R.A.S.E.R. DX

Technical Specifications:



EMS's patented closed loop cooling provides containment of the hot and cold aisles so the cooling is applied directly to the equipment

R.A.S.E.R. DX NEMA 3R 180

Dimensions.....2108 mm tall x 762 mm wide x 1905 mm long*
Weight.....476 kg*
Dynamic Load Capacity.....680 kg*
Operational Temperature - 40° to 55° C*
High Density Equipment Capacity.....36U
Low Density (Network) Equipment Capacity.....6U
Total Equipment Capacity.....12 kW Standard

* depending upon upgrade options selected

R.A.S.E.R. DX NEMA 3R with Mission Critical Venting

Dimensions.....2260 mm tall x 762 mm wide x 1905 mm long*
Weight.....498 kg*
Dynamic Load Capacity.....680 kg*
Operational Temperature - 40° to 55° C*
High Density Equipment Capacity.....36U
Low Density (Network) Equipment Capacity.....6U
Total Equipment Capacity.....12 kW Standard

* depending upon upgrade options selected

R.A.S.E.R. DX NEMA 4 with Mission Critical Venting

Dimensions.....2414 mm tall x 762 mm wide x 1905 mm long*
Weight.....498 kg*
Dynamic Load Capacity.....680 kg*
Operational Temperature - 40° to 55° C*
High Density Equipment Capacity.....36U
Low Density (Network) Equipment Capacity.....6U
Total Equipment Capacity.....12 kW Standard

* depending upon upgrade options selected

Product Features

- Built-in closed loop cooling can support 12 kW of IT
- NEMA 3R (or optional NEMA 4) enclosure provides superior strength that protects equipment from the elements
- Industry standard 482.8 mm wide X 1,066.8 mm deep racks that are fully adjustable .
- Rapidly deployable and easily re-locatable
- Available with blue or black powder coating
- Sound dampening
65 dB = indoor conversation
- A/C Power Option
Standard - 208-240 VAC 50/60 Hz
Optional – 460 VAC 50/60 Hz

Optional Upgrades

- EMI shielding
- Programmable Cyberlock security system with multi-tier security and audit trail
- Aerogel 16R nano-particle insulation
- Active suspension system protects equipment from shock, vibration and motion
- Active fire suppression
Novec 1230

Elliptical Mobile Solutions, LLC

The Global Leader in Micro-Modular Data Centers™

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