**C³-S.P.E.A.R.**

Climate-Controlled Campus Self-Propelled Electronic Adaptable Rack

The C³-S.P.E.A.R. is a 24U, NEMA 12 or optional NEMA 4 Micro-Modular Data Center™ that provides from 2.5 kW or 6.0 kW of closed loop cooling directly to the industry’s latest high-density equipment with no need for costly infrastructure. The mobile platform allows one person to move up to 1,000 pounds of electronic equipment at the push of a button. The relocatable platform can be moved with a pallet jack.

The compact and affordable C³-S.P.E.A.R. provides the perfect platform for businesses and government agencies that require a quick and cost-effective turnkey data storage solution or co-location alternative. The enclosure also is available in a ruggedized outdoor platform to deliver high performance computing in remote and nonstandard locations throughout the world.

**APPLICATIONS:**
- Instant Data Center or Network Closet
- Remote Office Support
- Infrastructure Upgrade
- Re-establish Communications
- Mobile Computing
- Offsite Data Replication
- Emergency Management
- Disaster Recovery
- Data Center Expansion or Retrofit

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

**OpEx**
- Reduce footprint up to 75%
- Reduce cooling and electrical costs up to 50%
- Reduce operating costs by 65%
- Perfectly scalable - build as you need and pay as you grow.

**Time**
- Enclosures can be delivered within 8 weeks compared to two years for a Traditional Data Center

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**Mobile**

**Mobile - Ruggedized**

**NEMA 4 w/Dual Cooling**

**Relocatable**
C³-S.P.E.A.R.
Climate-Controlled Campus Self-Propelled Electronic Adaptable Rack

Technical Specifications: - Mobile

Dimensions .................................................. 60" tall x 24" wide x 66" long*
Weight............................................................. 800 lbs*
Dynamic Load Capacity..................................... 1,000 lbs*
Mobility Range............................................... 2.6 mph
Operational Temperature .............................. 0° to 120°F*
Internal Storage Capacity.......................... 24U
Total Cooling Capacity.. 2.5 kW/8,000 BTU Single A/C Standard
6 kW/20,000 BTU Dual A/C Optional

* depending upon upgrade options selected

Technical Specifications: - Ruggedized

Dimensions .................................................. 60.5" tall x 31" wide x 66" long*
Weight............................................................. 900 lbs*
Dynamic Load Capacity..................................... 1,000 lbs*
Mobility Range............................................... 10 miles*
Speed.......................................................... 2.6 mph
Operational Temperature .............................. 0° to 120°F*
Internal Storage Capacity.......................... 24U
Total Cooling Capacity.... 2.5 kW/8,000 BTU Single A/C Standard
6 kW/20,000 BTU Dual A/C Optional

* depending upon upgrade options selected

Technical Specifications: - NEMA 4 Dual Cooling

Dimensions .................................................. 78" tall x 24" wide x 66" long*
Weight............................................................. 950 lbs*
Dynamic Load Capacity..................................... 1,000 lbs*
Mobility Range............................................... 10 miles*
Speed.......................................................... 2.6 mph
Operational Temperature .............................. 0° to 120°F*
Internal Storage Capacity.......................... 24U
Total Cooling Capacity.............. 6 kW/20,000 BTU A/C Standard

* depending upon upgrade options selected

Technical Specifications - Relocatable

Dimensions .................................................. 50" tall x 24" wide x 66" long*
Weight............................................................. 650-700 lbs*
Dynamic Load Capacity..................................... 1,000 lbs*
Operational Temperature .............................. 0° to 120°F*
Internal Storage Capacity.......................... 24U
Total Cooling Capacity...... 2.5 kW/8,000 BTU Single A/C Standard
6 kW Dual/20,000 BTU Dual A/C Optional

* depending upon upgrade options selected

Product Features

- NEMA 12 environmental package with NEMA 4 option
- Optional EMI Shielding
- Welded steel inner frame conforms to industry standard 19” x 42” racks that are fully adjustable for depth
- A/C Power Options –
  Standard – 208 – 240 VAC 50/60 Hz or Optional 120 VAC
- Air temperature can be controlled by a 2.5 kW single or 6.0 kW dual closed loop A/C units
- Power assisted platform allows one person to move up to 1,000 lbs of rack-mounted equipment up a 6% grade; relocatable platform can be moved with a pallet jack
- Sound damping
  (72 dB = indoor conversation)
- Tamperproof CyberLock security system with programmable electronic lock, multi-tier security and audit trail.

Optional Upgrades

- Self-contained I/O patch panel
- Water heat exchanger
- Ruggedized platform
- Active fire suppression with Novec 1230
- Second top-mounted A/C
- Aerogel 16R nano-particle insulation

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