

Houston One - Data Center

Houston One delivers best-in-class data center design and efficiency that allows for fast deployment of critical capacity while maintaining a lower cost of operations. The purpose-built facility has a Miami-Dade rated exterior, 7-layers of security, and is located in the prestigious Houston energy corridor.

SPACE	Address	22000 Franz Road, Katy, TX 77449, phone: 855-234-6493
	Facility Size	White Space: 48,500 sq. ft., Building Size: 98,200 sq. ft., Office Space: 13,900 sq. ft.
	Building Specifications	Tier 3 Concurrently Maintainable, Purpose Built: 2015, Shell Construction Type: Brick/Concrete, Floor Type: 36" Raised Floor, Tilt-up with 6" concrete roof can sustain 190mph hurricane force winds for building and outdoor MEP areas, 10 acre campus, built to LEED GOLD standard
	Deployments	Single cabinets, cages (5 rack minimum), private suites (>1000 sq ft minimum), and build to suit dedicated data halls are available. Flexible footprints include lab space available for test dev.
SECURITY	Security	On site layered security includes: security personnel 24x7x365, two-factor biometric authentication access, mantrap and motion detection, gated Ameristar crash-rated security fencing, ballistic rated exterior glass, CCTV surveillance exterior and interior, video retention 90-days.
	Certification	ISAE 3402, NERCIP, SOC 1 Type II, SOC 2 Type II
	Fire Protection	Fire Suppression Type: Pre-action dual interlock dry pipe sprinkler system for data hall and power rooms, nitrogen generation system for zones with dry pipe, VESDA smoke detection
CONNECTIVITY	Network	Carrier neutral meet-me-rooms, redundant internal network platforms, and network providers include: Crown Castle, Verizon, Comcast, Consolidated Communications, Hurricane Electric Internet Services, Comcast Xfinity, Phonoscope Lightwave, FiberLight, Cogent, AT&T, Lumen (CenturyLink), TW Telecom, Level 3, Zayo, Logix Fiber Networks, PS Lightwave.
	Fiber	2 diverse fiber entry paths in concrete-encased duct banks, low latency connectivity to the energy corridor-Galleria-Downtown Houston, located near I-10 & highway 99 for long haul fiber provider routes
	Hybrid Cloud Access	Cloud on-ramp to support hybrid and multi-cloud connected workflows
	Blended Internet	IP Bandwidth Available
REDUNDANT SYSTEMS	Power	26 MW power, situated beside 400 MW loop-fed Centerpoint Substation, N+2 redundant to support all critical service loads. Each data hall is supplied by dedicated concrete encased underground utility conduits demarcating into dedicated transformers
	SLA	100% Guaranteed uptime on electrical/mechanical systems
	Backup Power	2N diesel generators, redundant fuel pumps and on-site fuel storage with refueling contracts, DH1 14,000 gallons backup fuel, DH3 14,000 gallons backup fuel, DH4 30,000 gallons backup fuel, redundant utility-to-generator transfer switches
	Premium Rollover	Dedicated integrated switching devices deliver always on rollover service for critical equipment
	Density	Up to 50 kW/cabinet - customizable solutions including immersion solutions and liquid to the chip
	Power Rack Distribution	Above rack busway for increased cooling efficiency under raised floor and in the pressurized environment
AMENITIES	Primary Cooling Type	CRAH/CRAC, Suite-3 Colocation Suite: The chilled water plant is a 2N design utilizing two 400-ton air-cooled chillers. The data hall is equipped with six 100-ton CRAH units operating in a N+1 configuration.
	Building Features	Hardened exterior, NOC, secure on-site storage, on site solar, electric vehicle charging stations
	Storage/Staging	Burn-in staging available, loading docks, secure on site storage/breakdown rooms
	Amenities	Complete business services: dedicated offices space and shared office space, shared conference rooms, secure storage, shower/restrooms, microwave, refrigerator, washer/dryer, parking spaces, high speed wifi. Facility is built to allow for movement of equipment without requiring ramps and dual loading docks.

Your Data Center. Your Way.

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