# 4D

# London Data Centre

## London Data Centre Specifications

### Rackspace

| | |
|---|---|
| Quarter rack | 11U<br>600mm wide x 1000mm deep<br>4 Amps with standard dual A&B diverse power feeds |
| Half rack | 22U<br>600mm wide x 1000mm deep<br>8 Amps with dual A&B diverse power feeds |
| Full rack | 47U<br>600mm wide x 1000mm deep<br>32 Amps with dual A&B diverse power feeds<br>2 x 32 Amp commando socket as standard |
| Cages & private suites | Also available |

### Location & access

| | |
|---|---|
| City | London |
| Road links | Easily accessible from the M25, located near the A13 |
| Nearest rail station | East India, Docklands Light Railway, Stratford International Overground |
| Access for clients | 24x7x365 |

### Power

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|---|---|
| Power availability | From 2-32 Amps / 1kW-7kW<br>Higher density on special request |
| Power feeds | Single and dual power feed available |
| Mains feed | 132kV Ring mains feed to the National Grid |
| Backup mains | N+1 Generators with a total capacity of 18.5MW |
| UPS | N+1 Powerware Advanced UPS |

## Cooling

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|---|---|
| Green cooling technology | Fresh air / DX Hybrid (PUE <1.2) |
| Redundancy | N + 1 |
| Hot / cold air partitioning | Cold aisle containment/corridors |
| Data floor temperature | 25°C +2/-7°C |

## Security & fire protection

| | |
|---|---|
| Fire detection | Very Early Smoke Detection Alarms (VESDA) throughout the facility |
| Fire suppression | Dry sprinkler fire detection system to meet BS 5306, 3115 and LFEPA approval |
| Manned on-site security | Movement activated CCTV coverage |
| CCTV | Gated entrances, CCTV perimeter coverage |
| External security | 24x7x365 |
| Access controls | Time limited access cards, independent client ID access system |

## Tech support

| | |
|---|---|
| Network Operations Centre (NOC) | 24x7x365 |
| Phone, email & ticketing support | 24x7x365 |

## Connectivity

| | |
|---|---|
| Physically diverse fibre | Yes |
| On-site providers | 4D Data Centres, BT, Level 3, SSE Telecom, Virgin Media, Zayo, euNetworks, Megaport, IX Reach, LINX and 500+ others |
| Layer 2 Fibre capacity | 100Mbps, 1Gbps, 10Gbps, 40Gbps, 100Gbps Wavelengths and MPLS |
| IP Transit capacity through 4D | Up to 40Gbps |
| Transit available | Global IP, Partial IP, Multihomed IP |
| Additional services | Leased lines, Cloud Connections, Ethernet VPN |