



SENTROHOST

Romford Data Centre Technical Specification

Sentronex's Data Centre is based in Romford, Essex.

The 250m² dedicated data centre features state of the art facilities and has a total capacity of 80 racks. Sentronex provide a flexible range of co-location and managed hosting services, ensuring various levels of resilience.

The site also has capacity for 120 business relocation seats, which feature a low contention ratio of 6:1 for Disaster Recovery.

About Sentronex

Sentronex is a specialist technology services provider focusing on City financial organisations, and has grown rapidly since its inception in 2005.

Sentronex tailor assignments to meet the requirements of each client and our skills and commitment ensure that our client's objectives are achieved with minimum risk and maximum cost benefit.

Technical Specifications

Building	<ul style="list-style-type: none">» 4 Floor Building» Approximately 250m² of Hosting Space (Ground Floor)» Loading/Delivery Docking Area» Equipment Scissor Lift (2m x 1.4m)» BMS monitoring system monitored by Sentronex Helpdesk» 24 x 7 environmental monitoring systems & Power monitoring» A regular and meticulous maintenance schedule on all Data Centre infrastructure
Room	<ul style="list-style-type: none">» Heavy Duty Raised Floor» Raised Floor (Height – 0.5m)» Door Width (Minimum width 1.1m - loading bay, all other doors are 1.4m)» Door height (2.15m)» Roof Height (Excluding raised floor) - 2.45m» Anti-Static Tiles with earthing straps attached to every under floor support
Climate	<ul style="list-style-type: none">» Average Supply Temperature: 22°C/72°F ± 2°C» Regulated Humidity» 2N Cooling Infrastructure» N+1 Computer Room Air Conditioning (CRAC) units with up to 90kW capacity» N+1 Chillers installed away from all client areas and fed via dedicated risers» Moisture detection sensors
Power	<ul style="list-style-type: none">» 720kVA – Building Power Feed» 2N Power Distribution to PDU's» Diesel driven Generator with 3 days run time at full load» 625 kVA Generator» 200 kVA UPS with static and maintenance bypass» Voltage and Frequency – 415/240v 50Hz» Each cabinet has 2x IEC309 Commando sockets positioned under the raised floor» Standard Power Distribution within cabinets (PDU's) is supplied as 12x C13 and 4x C19 sockets» Up to 7.5kW Power Supply per rack» 32A MCCB's within PDU's
Security	<ul style="list-style-type: none">» Only authorised staff and registered customers are allowed on-site» Security zones using Smart-card access» Logging of all entries» Internal and External CCTV monitored in a security reception» 24 x 7 x 365 Security & Monitoring
Cabling & Connectivity	<ul style="list-style-type: none">» Power Cabling under raised floor» Data cabling overhead» CAT 6 Structured Cabling» Scalable architecture including multiple redundant core switches and routers» Access to distinct fibre providers including: BT, Virgin, Exponential-e
Fire Suppression	<ul style="list-style-type: none">» Gas Fire Extinguishing system» Very Early Smoke Detection Alert (VESDA)» Fire-retarding walls» Automatic Smoke detection throughout Data Centre» Argon Fire Suppression System» Regular testing and evaluation of all systems



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The data centre is located in Romford, which is easily accessible from London in 20 minutes and within easy access of the M25.

From the City

Follow the [A12 Eastern Avenue](#) until you get to [A125 junction](#) (sign posted Romford). Turn right onto [A125 North Street](#) and continue until roundabout, take the 3rd exit ([St. Edwards Way](#)), at next roundabout take 2nd exit ([Waterloo Road](#)) and then at next roundabout take 2nd exit ([Old Church Rd](#)). Romford House will be on your immediate left at the start of [South Street](#).

From the Train Station

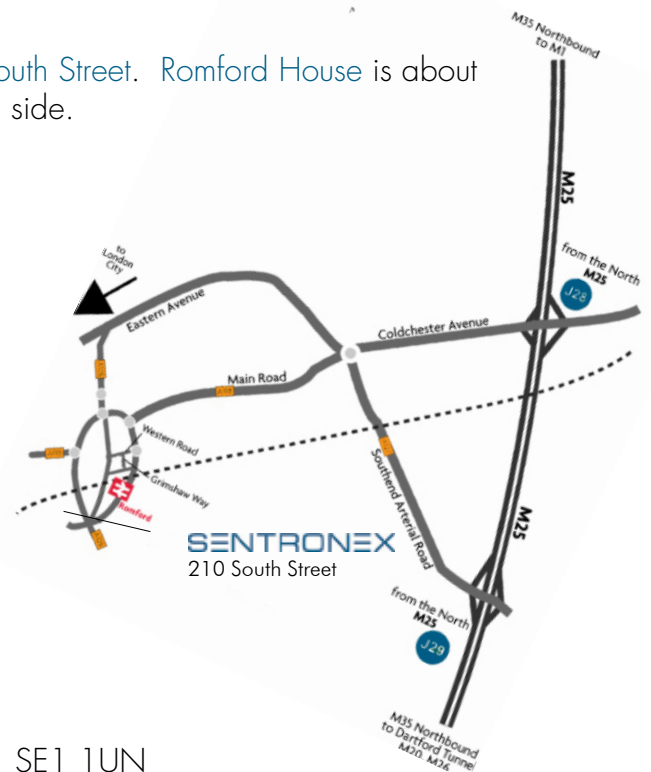
On leaving Romford Mainline Station, turn right onto [South Street](#). [Romford House](#) is about a 5 minutes walk and can be found on your right hand side.

ROMFORD DATA CENTRE

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Get In Touch

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